

THE LEGO[®] ADVENTURE BOOK

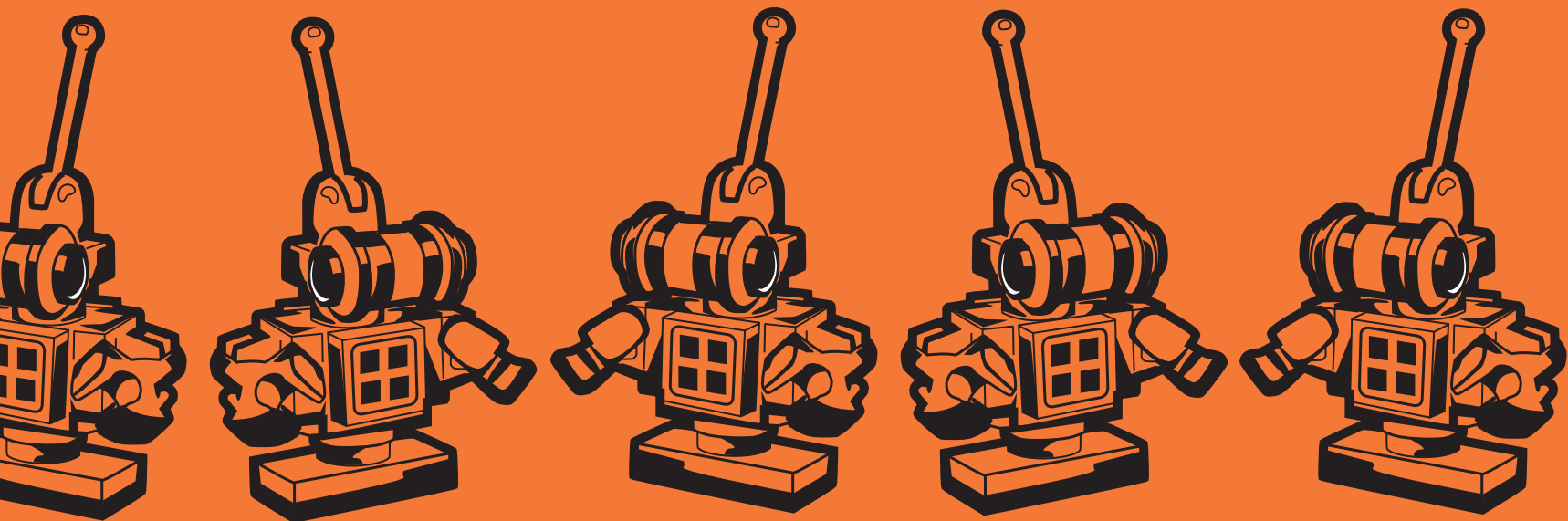


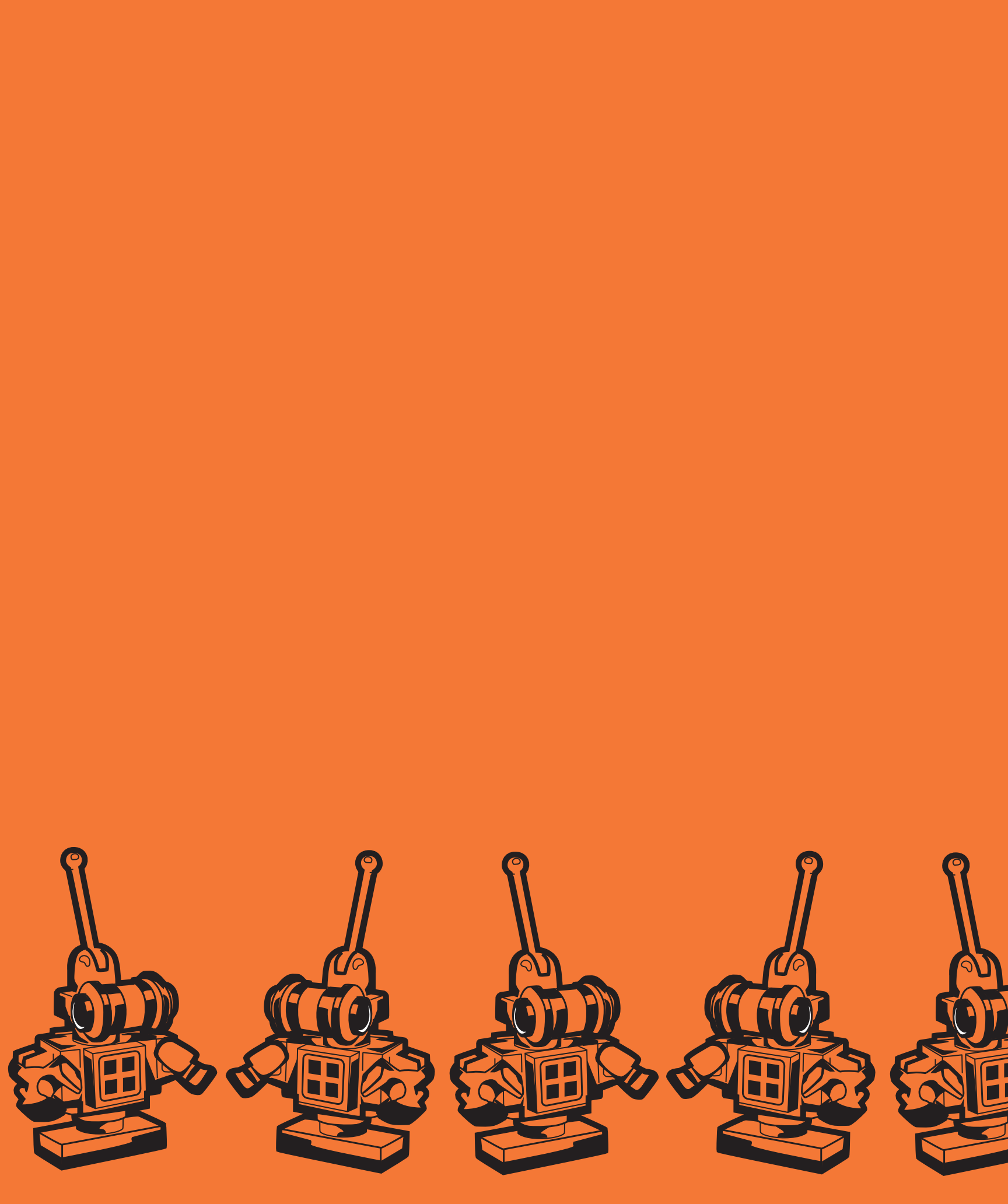
SPACESHIPS, PIRATES, DRAGONS & MORE!

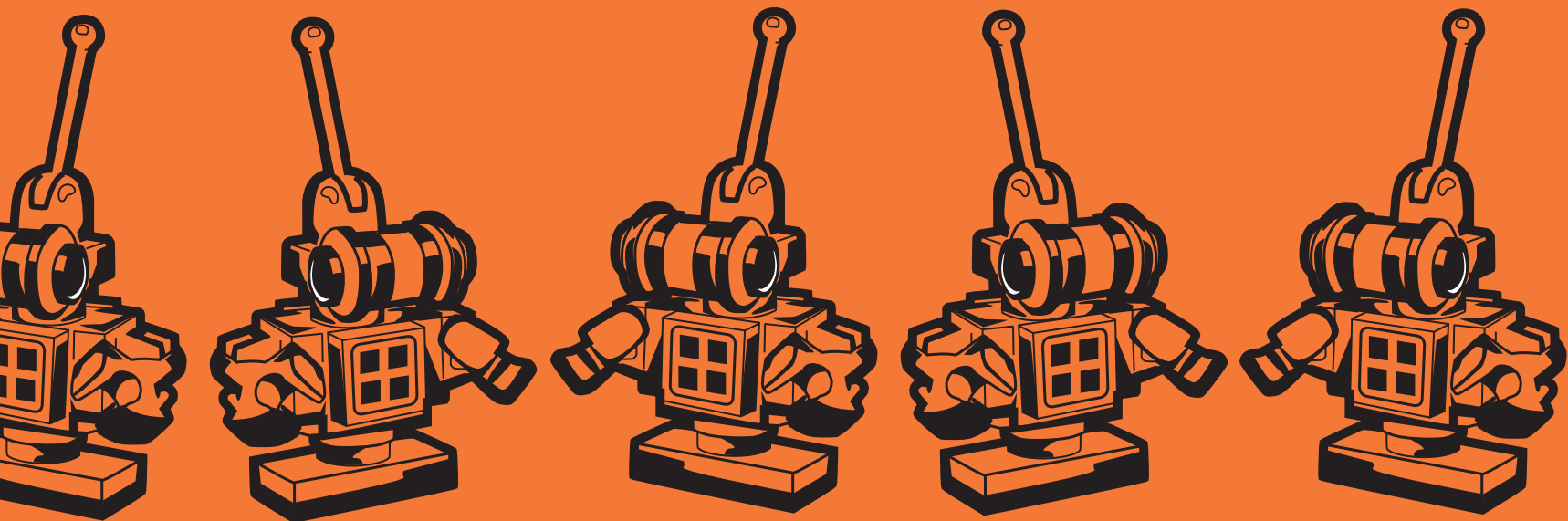
100 MODELS + NEARLY 40 BRICK-BY-BRICK BREAKDOWNS

MEGAN H. ROTHROCK









The LEGO® Adventure Book

**Spaceships, Pirates,
Dragons & More!**



Megan H. Rothrock



**no starch
press**

San Francisco

The LEGO Adventure Book, Volume 2: Spaceships, Pirates, Dragons & More!

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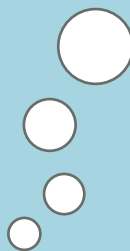
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IT WILL BE NICE TO
VISIT MEGS AND BRICKBOT AND
SEE WHAT THEY'VE BEEN UP TO.
LATELY I CAN'T HELP BUT FEEL
THAT LEGO BRICKS ARE SHIFTING
OUT OF PLACE SOMEWHERE, AS
IF A DESTRUCTIVE FORCE WAS
GATHERING MOMENTUM.
OR PERHAPS I AM JUST
IMAGINING IT...



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AH! IT'S BEEN SO NICE TO HAVE
SOME TIME BACK IN THE IDEA LAB
AFTER THAT EPIC LEGO ADVENTURE!
WITH SO MUCH INSPIRATION, MY PLACE
SURE HAS COME A LONG WAY!



Back to the Idea Lab



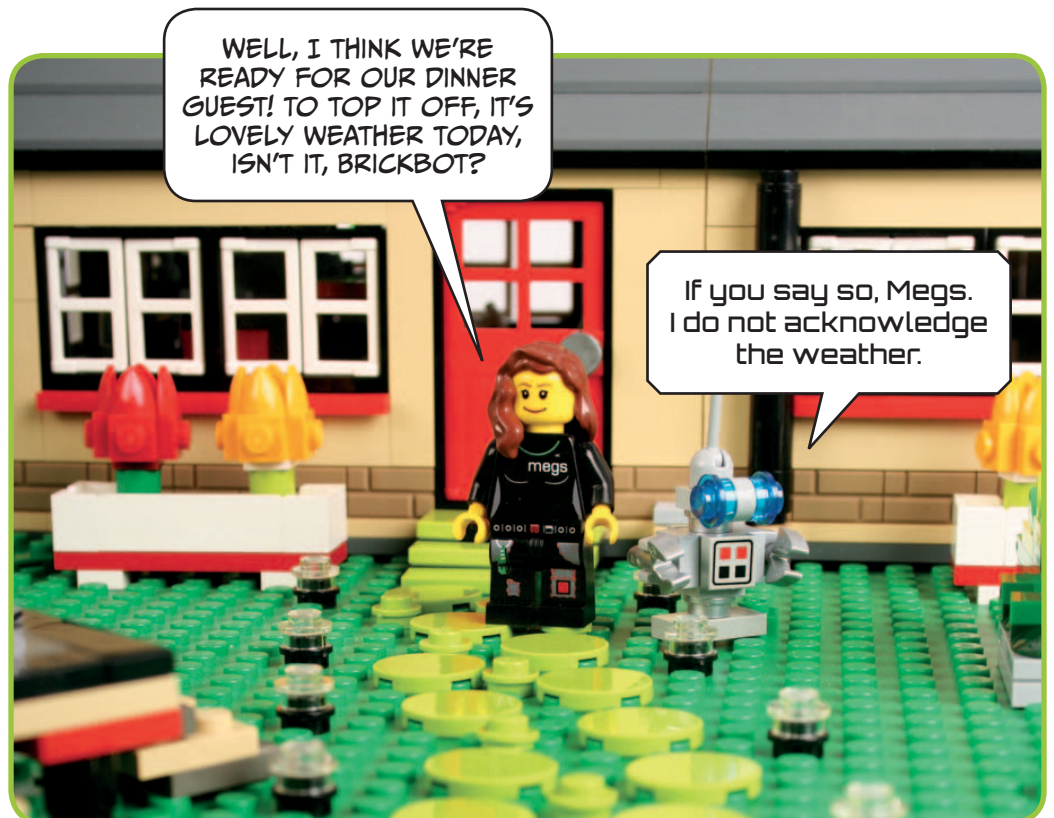
Megan H. Rothrock

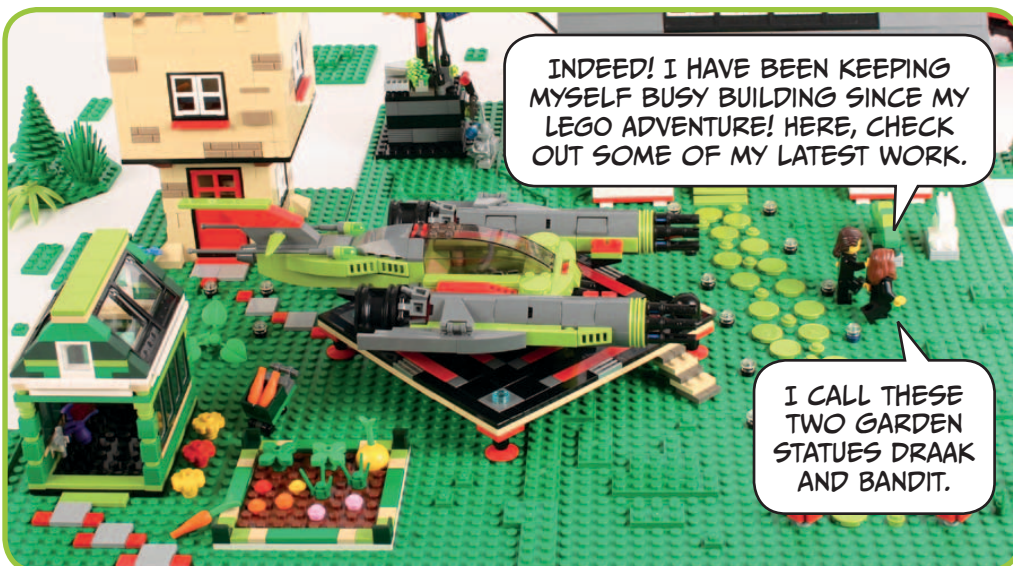
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Profession: Author and Toy Designer

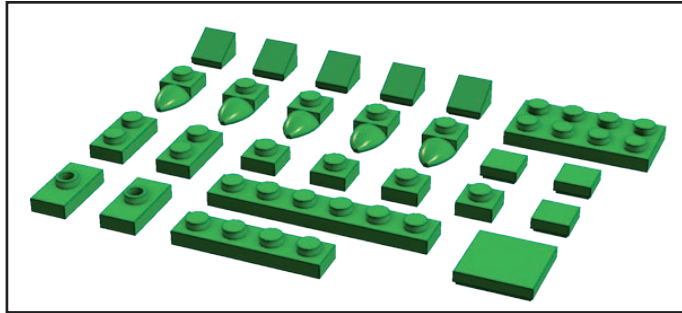
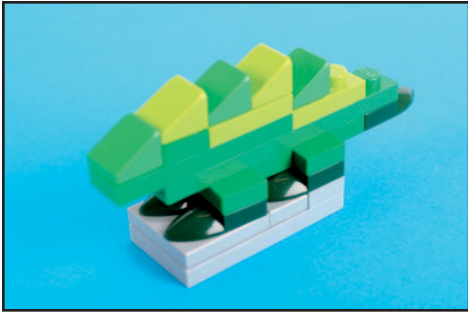
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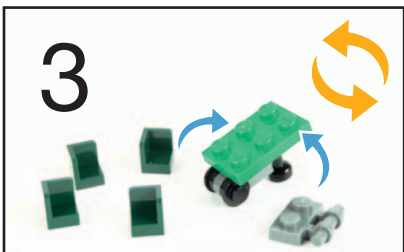
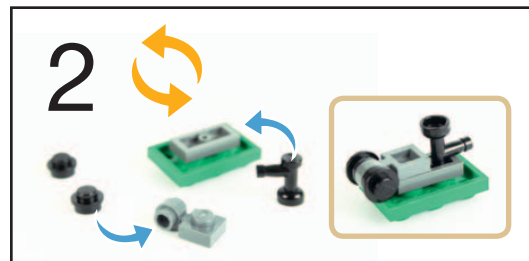
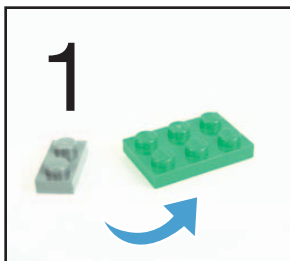
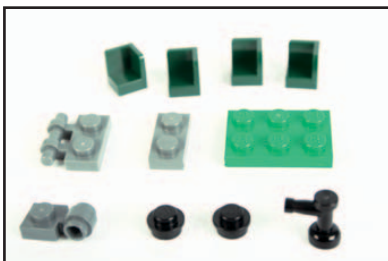
Draak: The Iguana Statue



Greenhouse



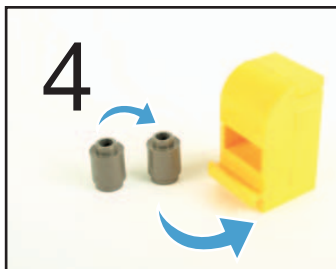
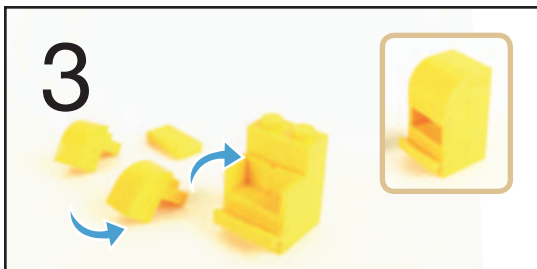
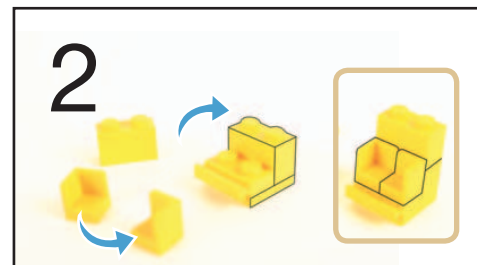
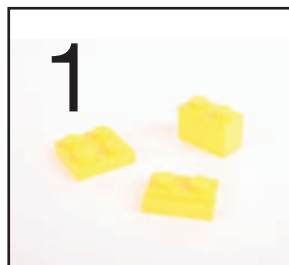
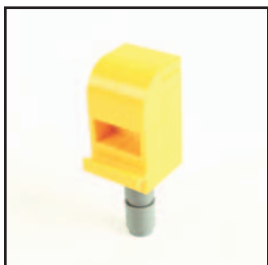
Wheelbarrow



Building Tip

It's possible to be creative with LEGO bricks even if you don't have many parts. Some very interesting models can be designed using only a few carefully chosen parts.

Mailbox



Windmill



Thinking Tower

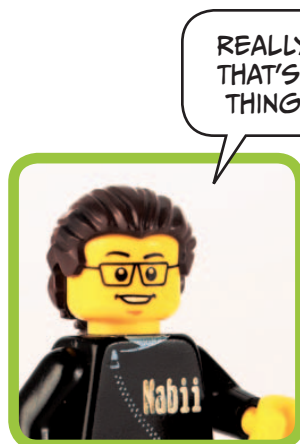


THAT'S SOME
GREAT WORK
THERE, MEGS.



THANKS, NABII. MY THINKING
TOWER WAS INSPIRED BY
DANIEL'S FROM MY FIRST
LEGO ADVENTURE.

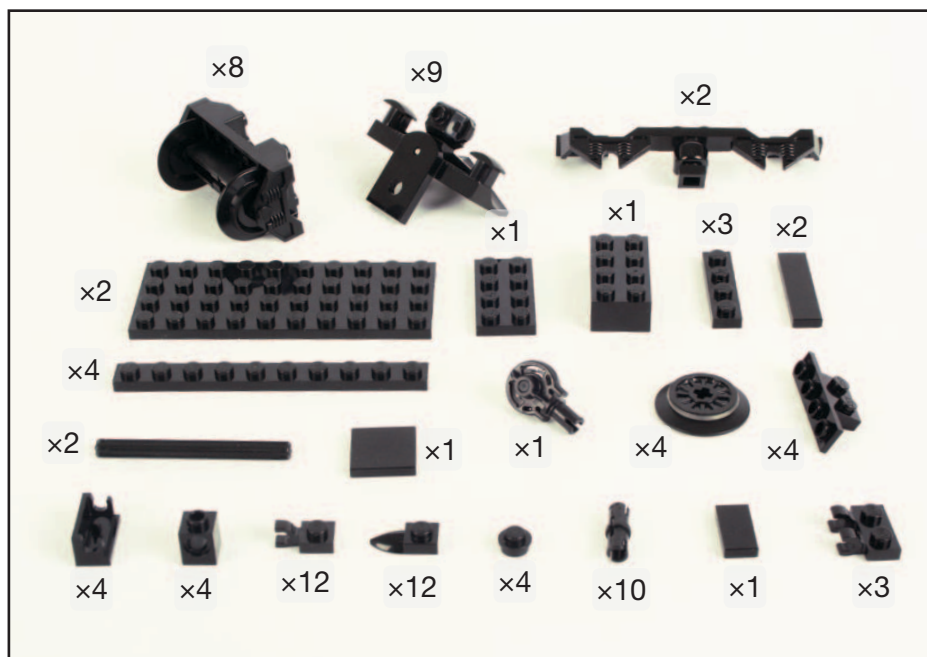
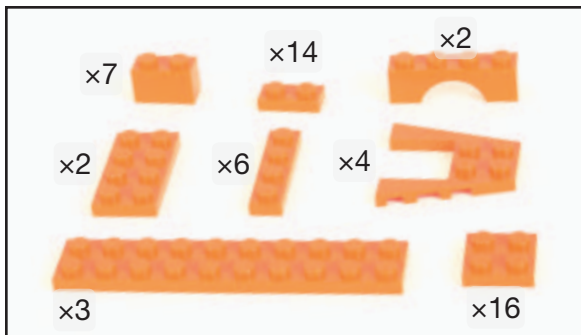
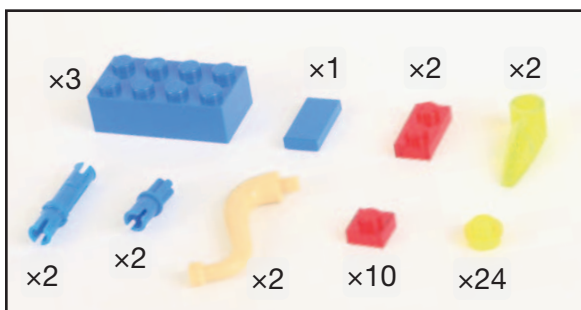


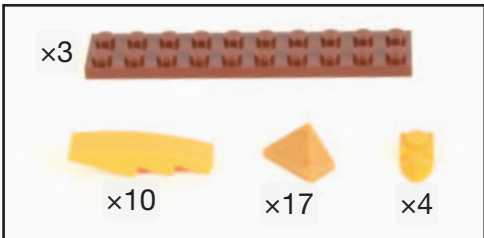
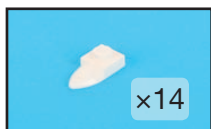


The Fire Tragon



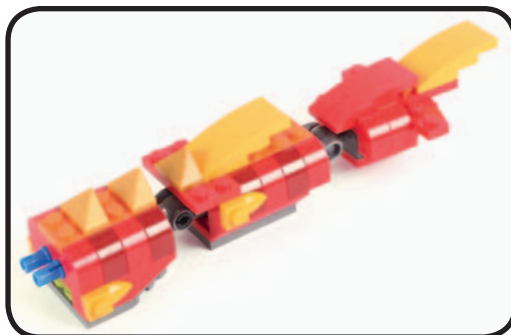
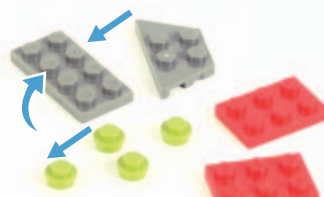
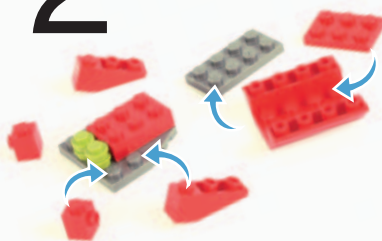
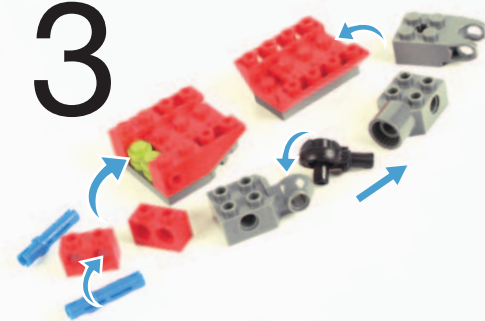
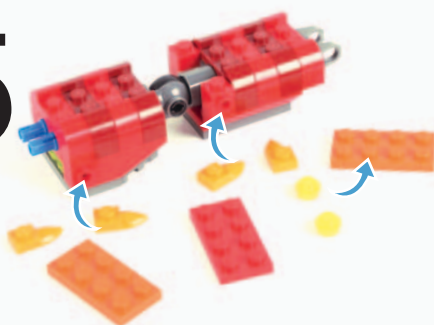
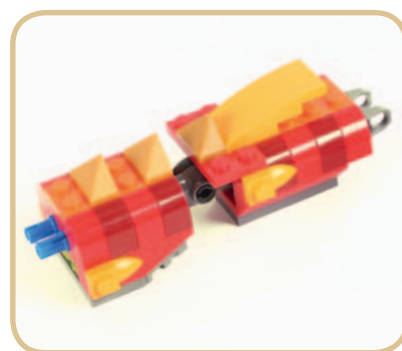
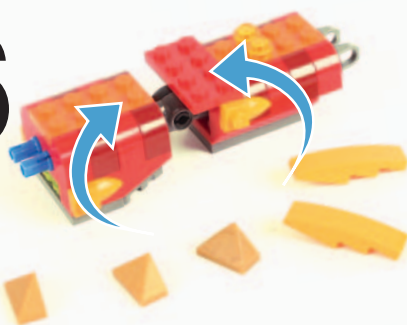
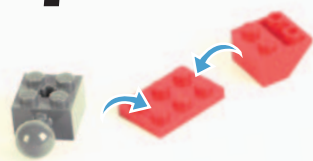
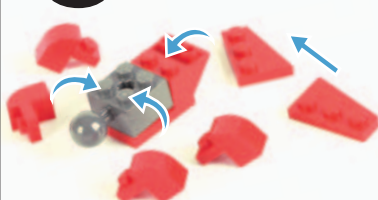
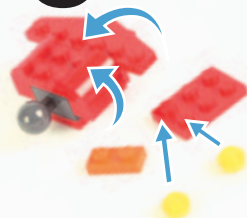
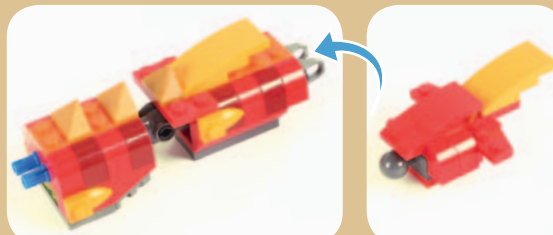
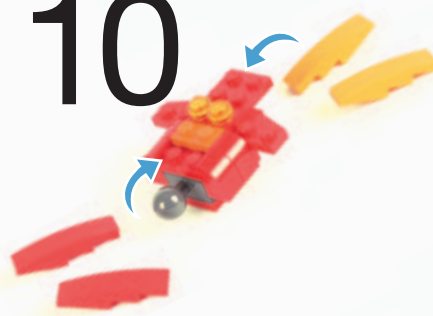
LET ME SHOW YOU HOW TO BUILD MY TRAGON. YOU'LL NEED A LOT OF LEGO BRICKS, INCLUDING SOME TRAIN PARTS, BUT YOU CAN USE WHATEVER COLORS YOU WANT. IT IS PROBABLY BEST TO BE A FAIRLY EXPERIENCED LEGO BUILDER. CAN YOU TAME MY MIGHTY FIRE TRAGON?

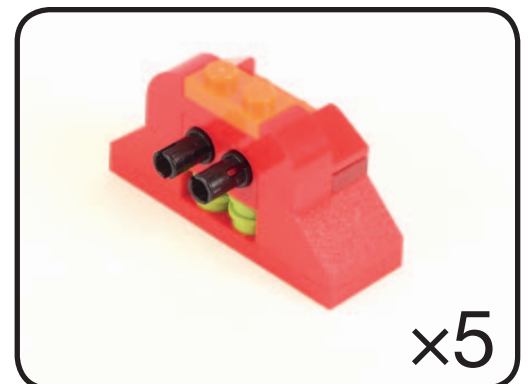
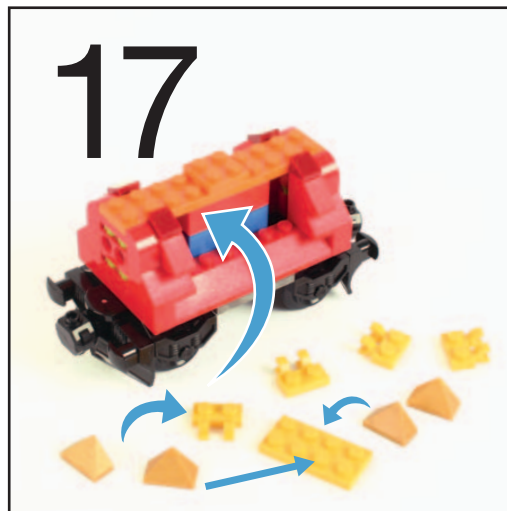
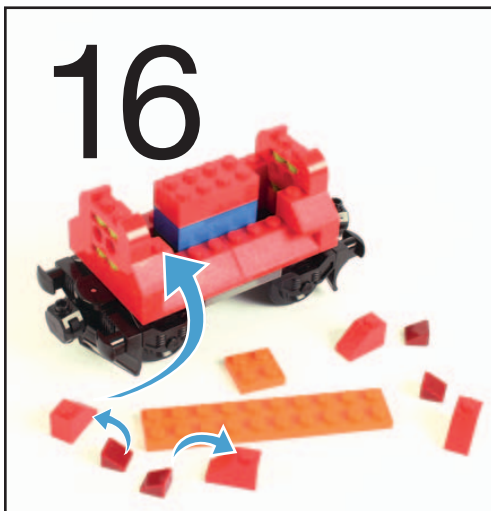
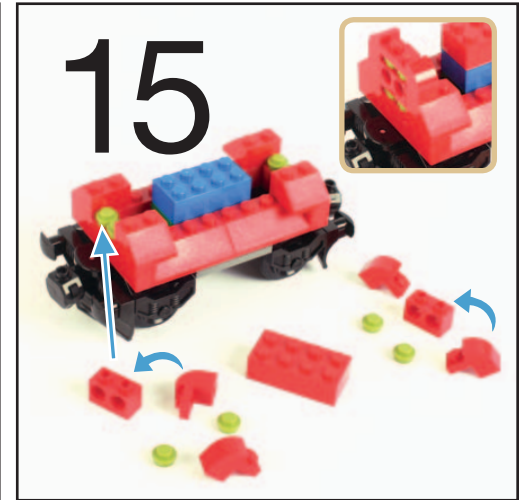
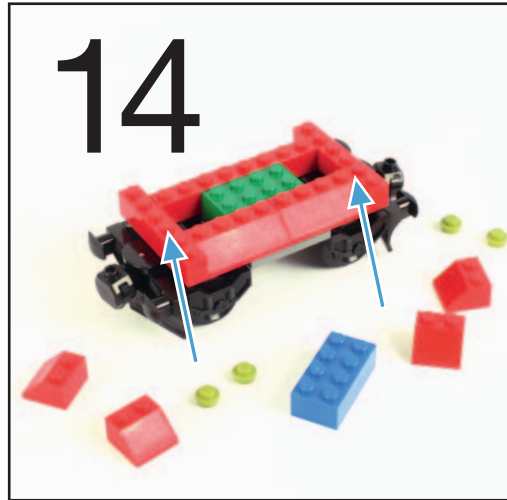
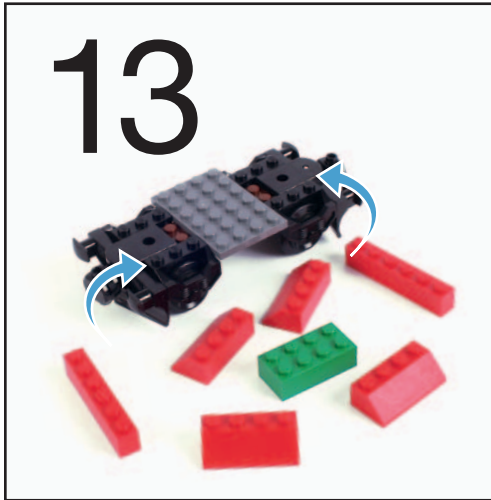
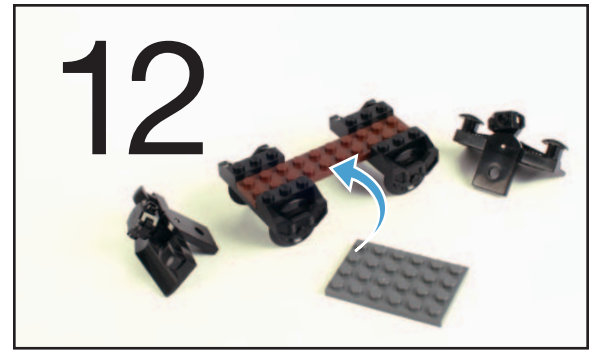
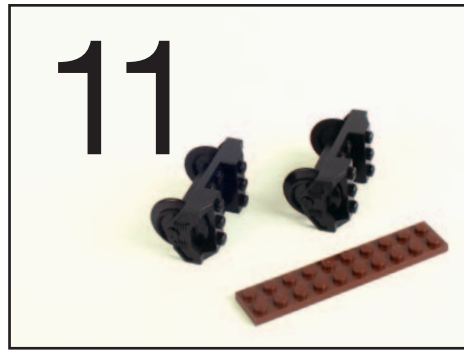


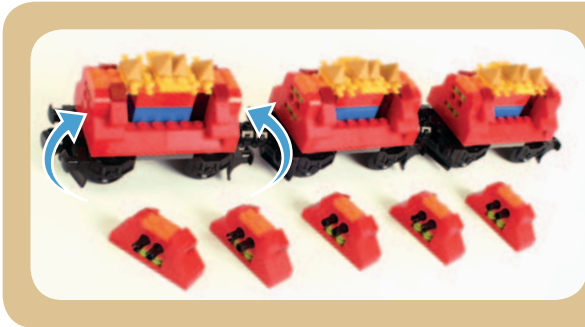
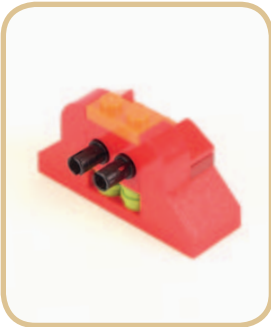
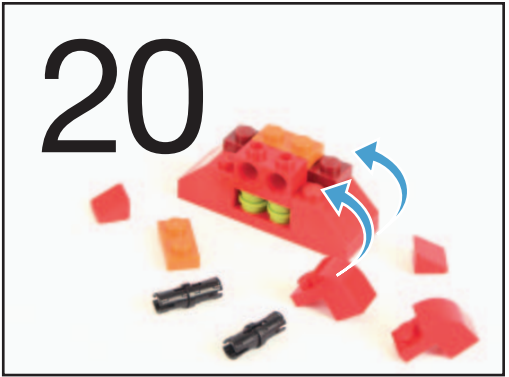
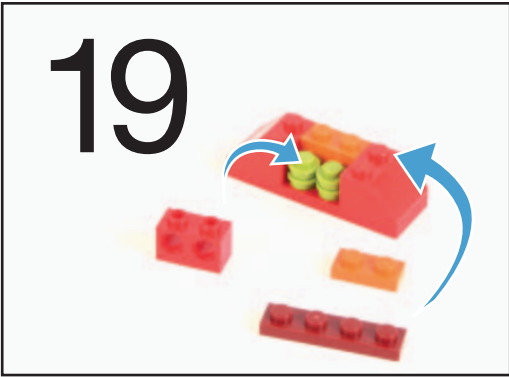
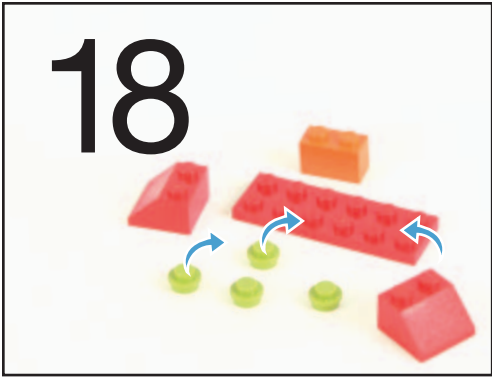


Building Tip

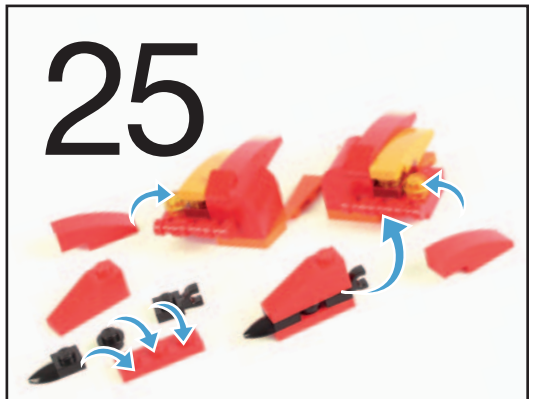
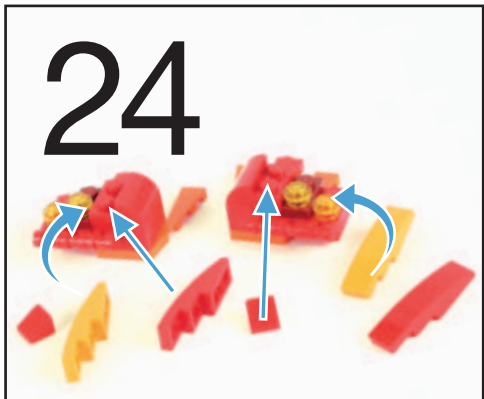
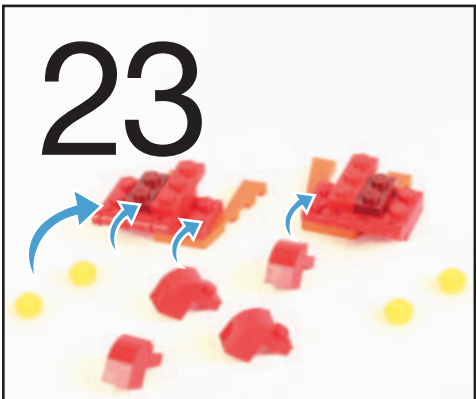
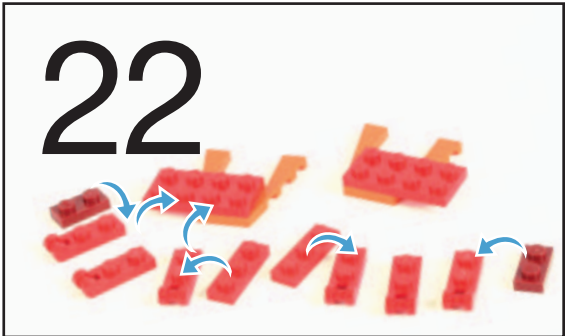
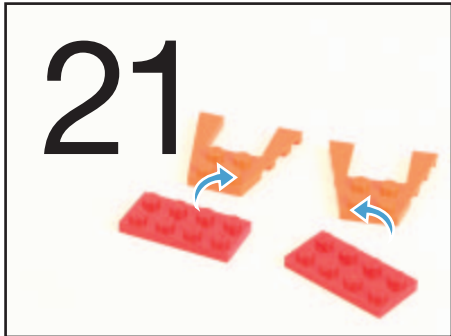
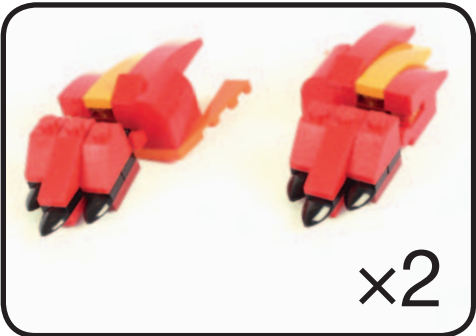
Support bricks inside a model can be any color, as they won't be seen from the outside when the model is finished.

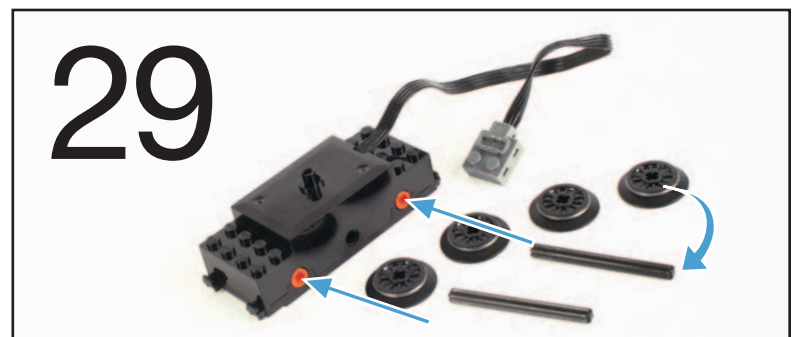
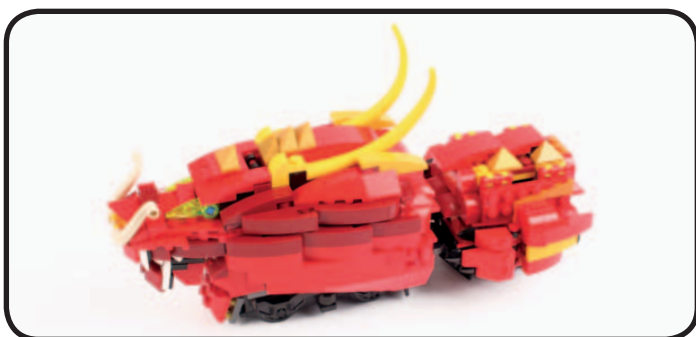
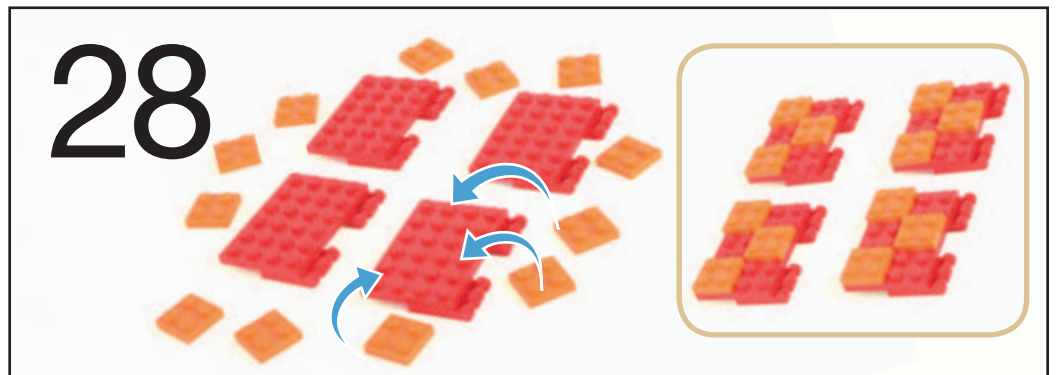
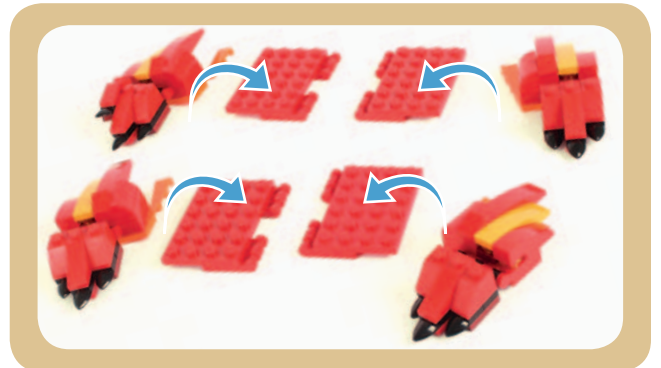
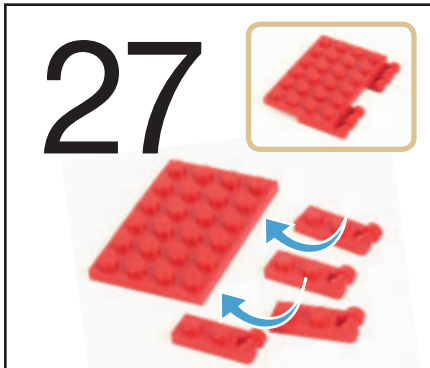
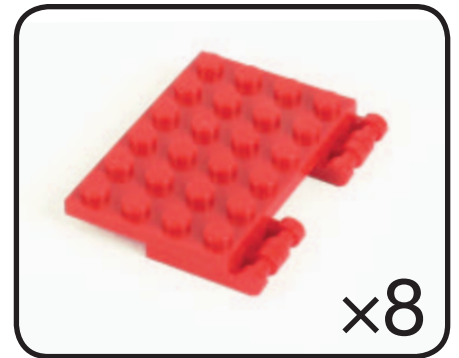
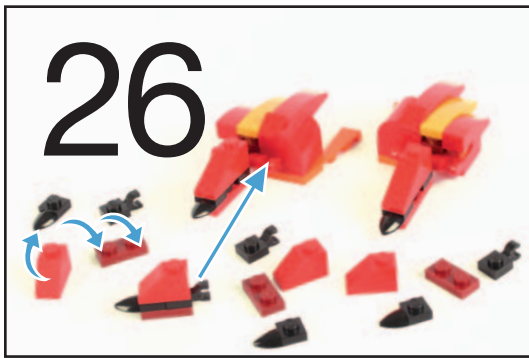
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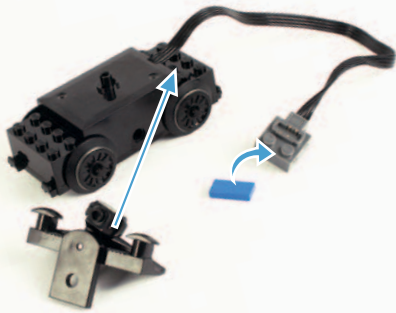


Building Tip
For some models, it's easier to build sections that snap onto a module than build them into the model.

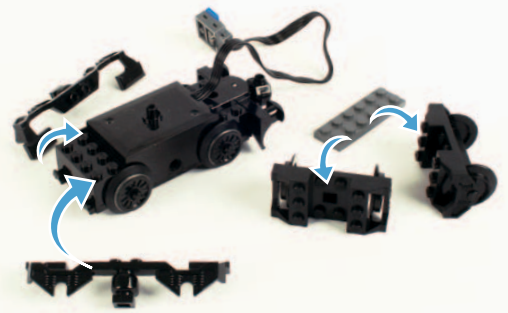




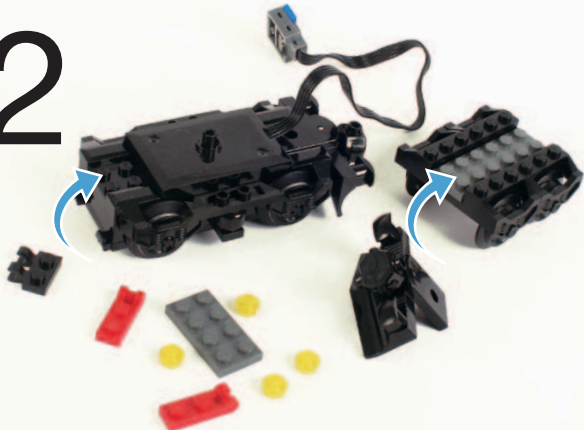
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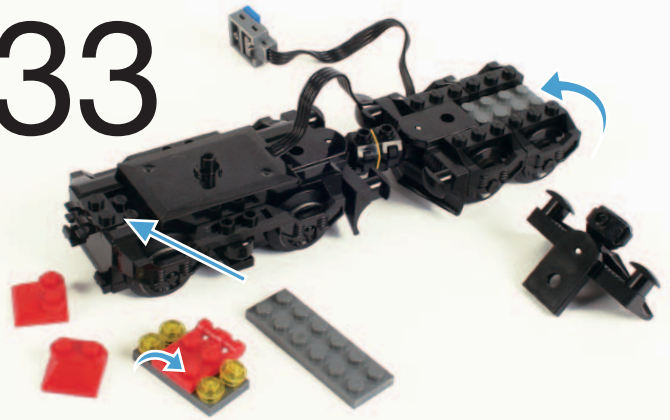
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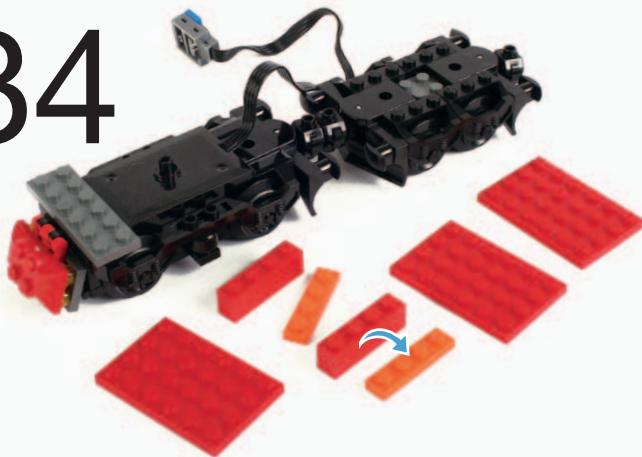
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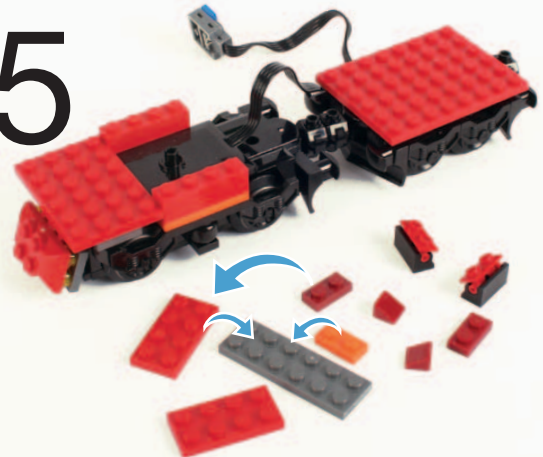
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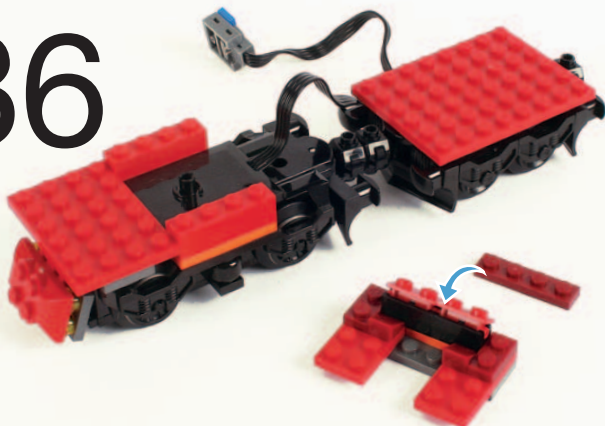
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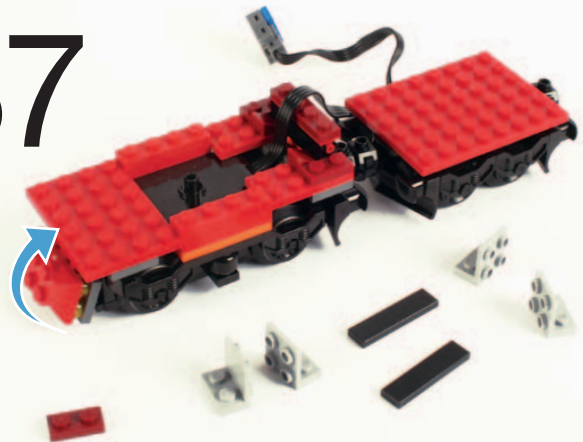
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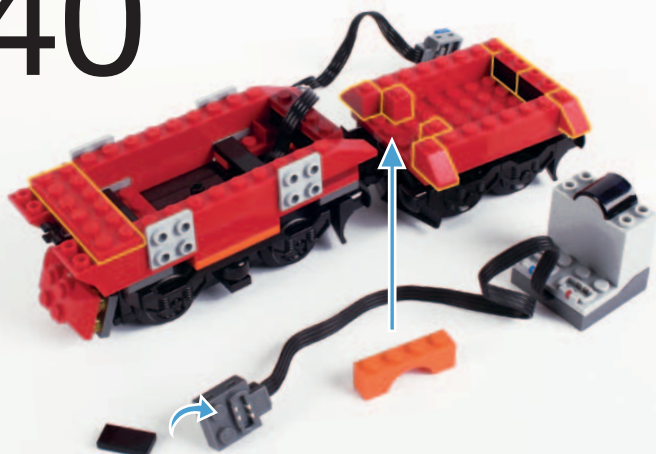
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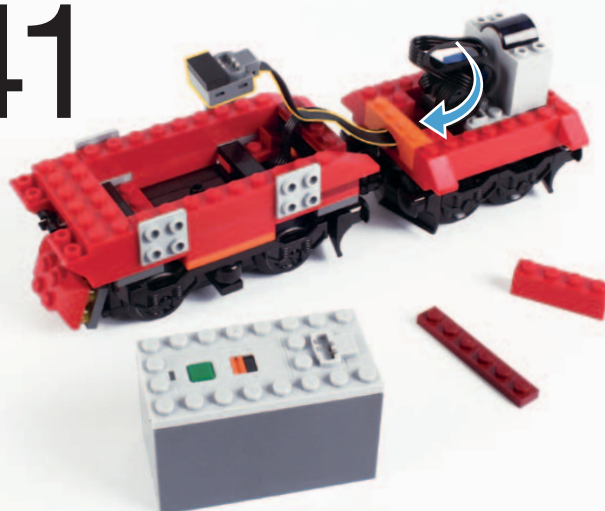
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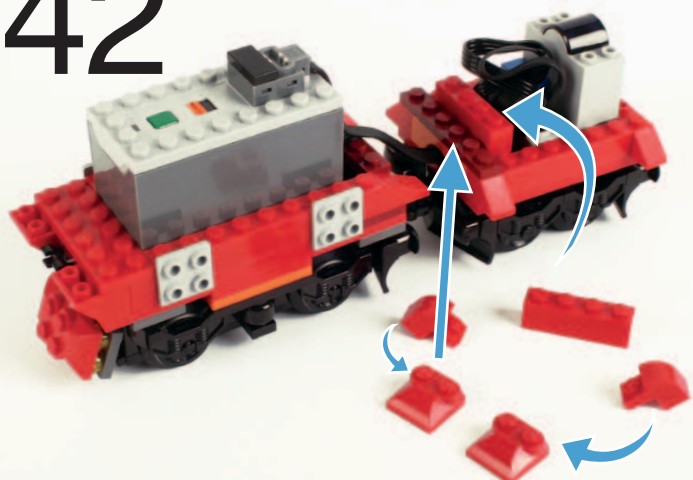
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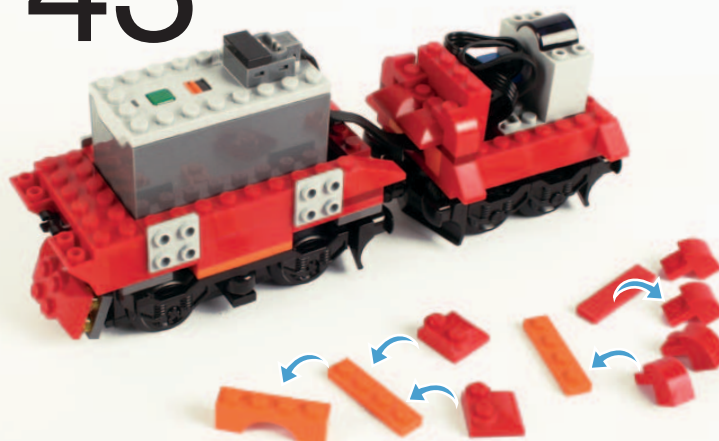
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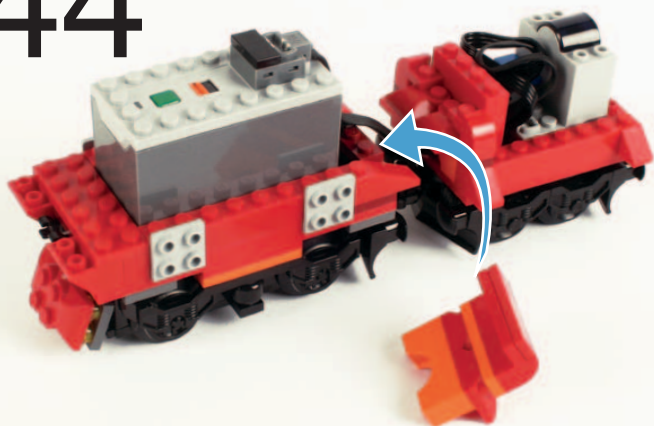
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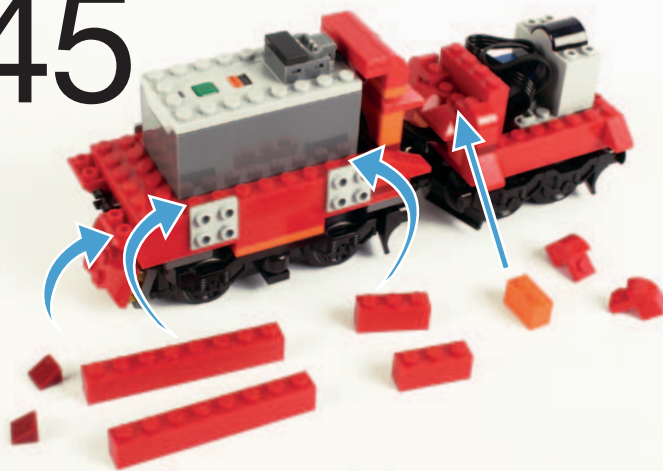
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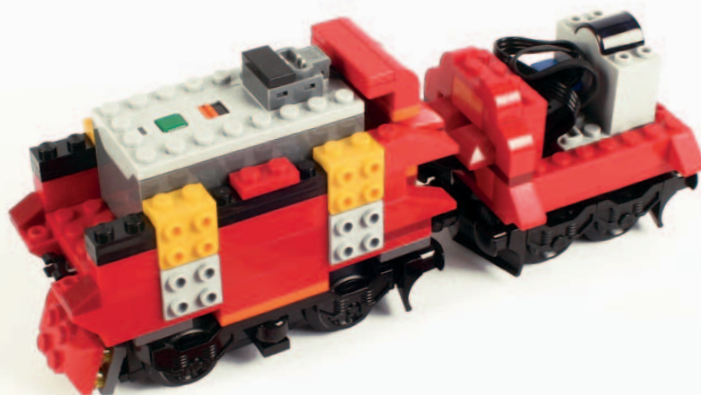
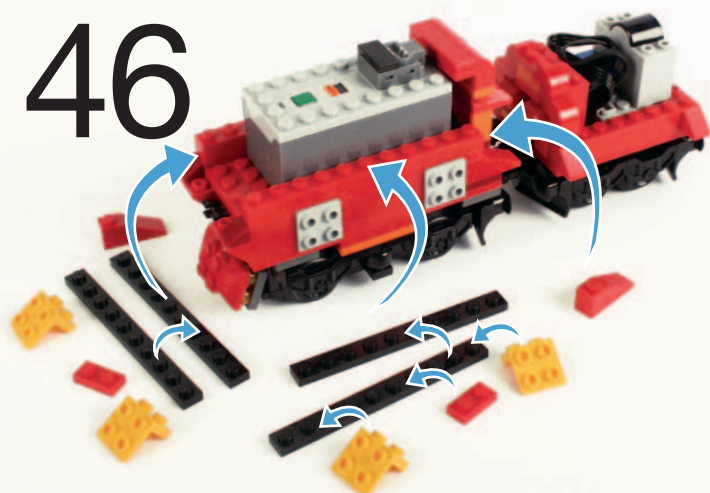
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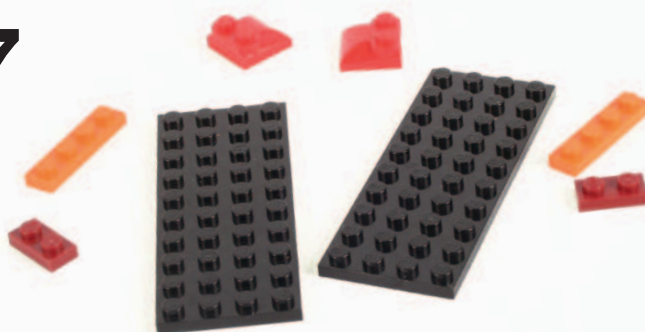
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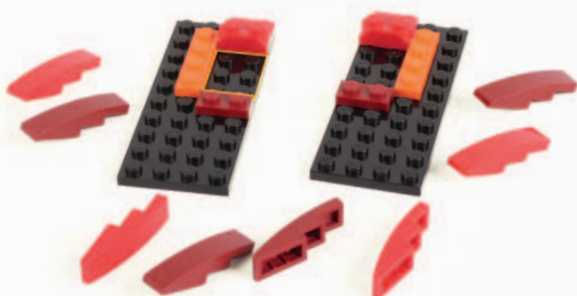
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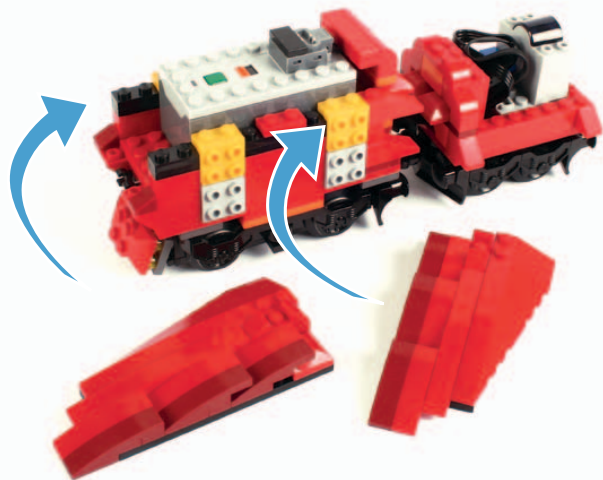
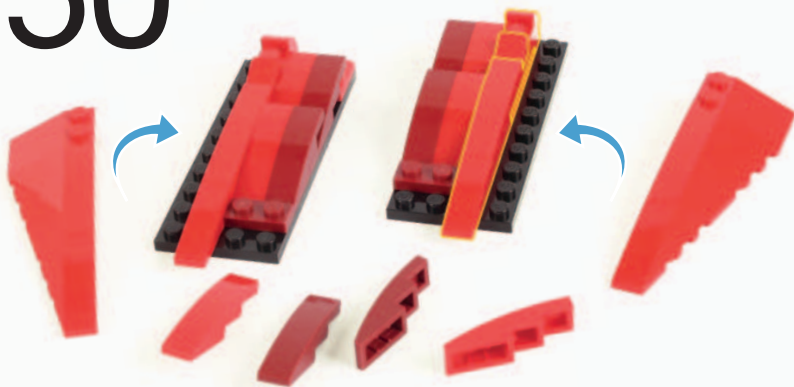
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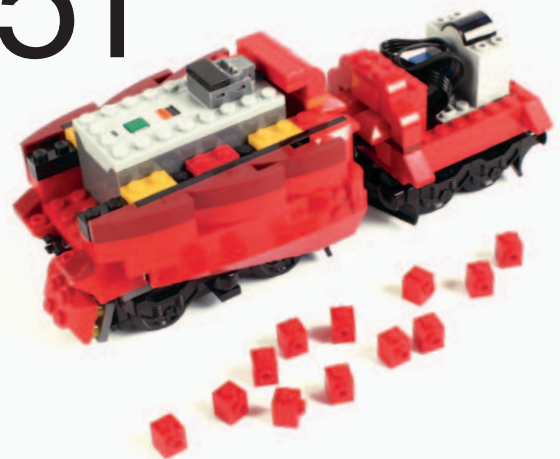
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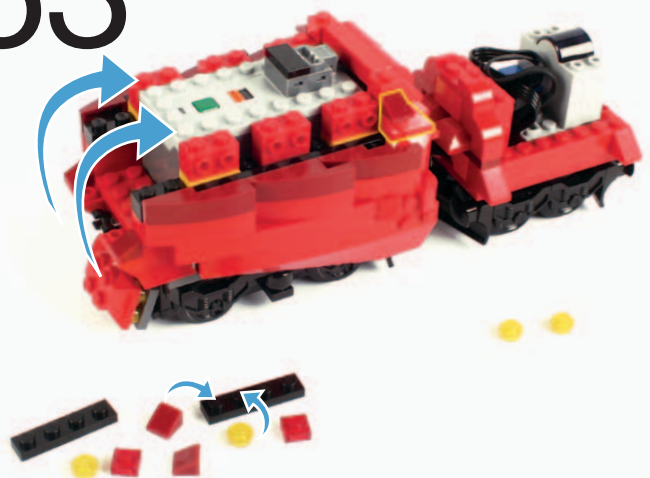
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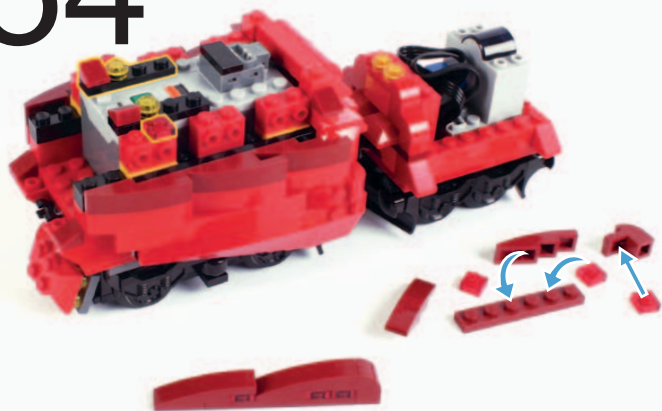
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53



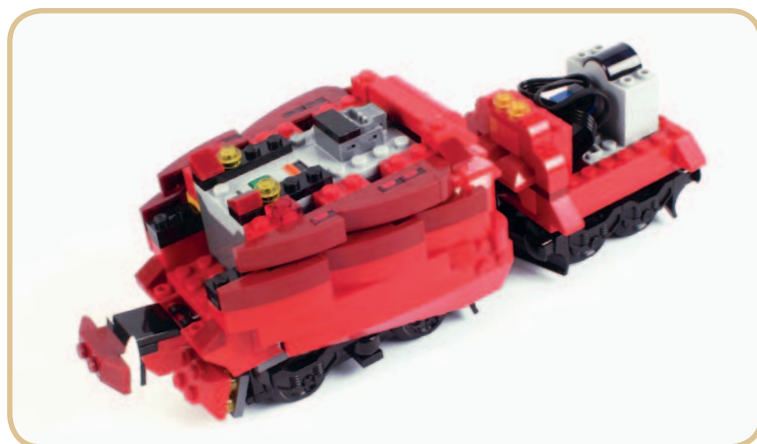
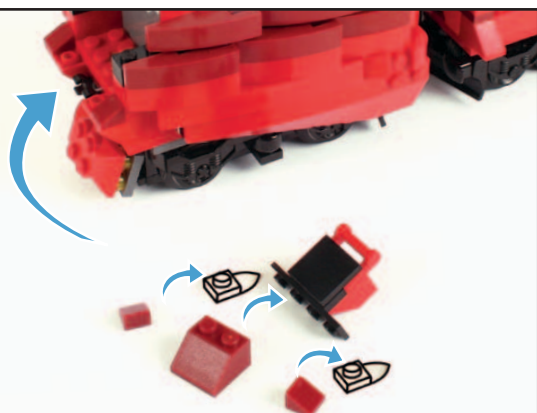
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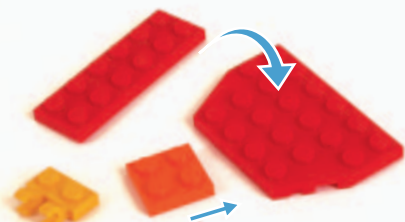
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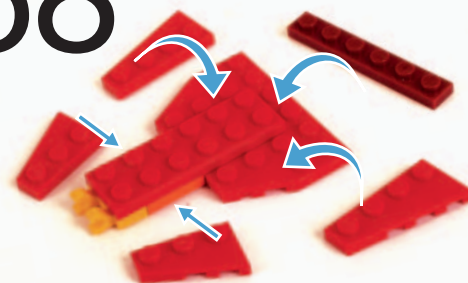
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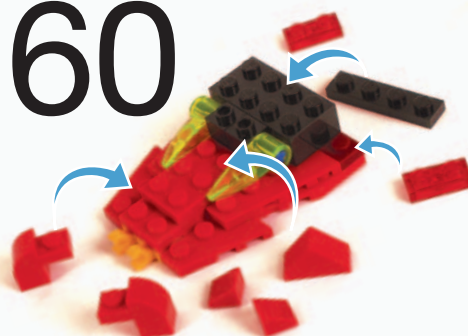
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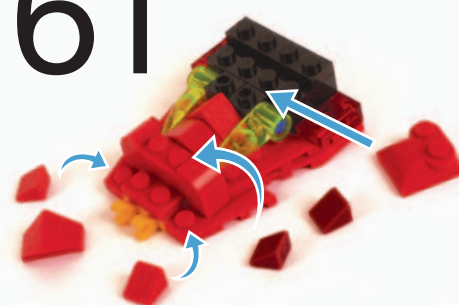
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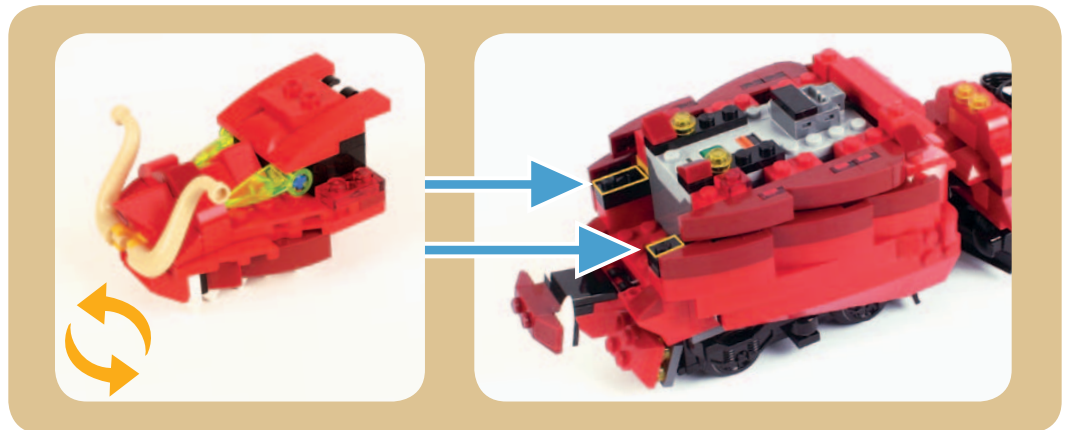
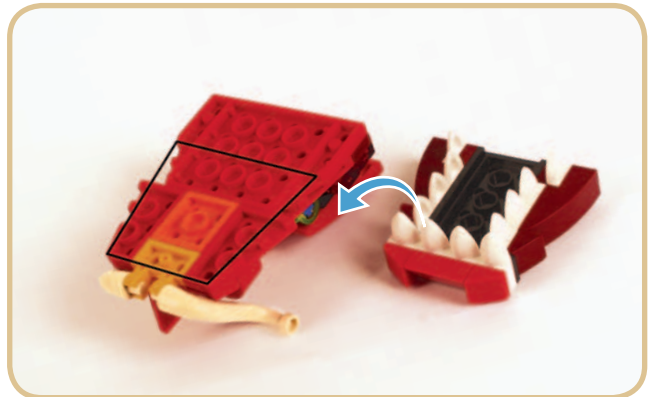
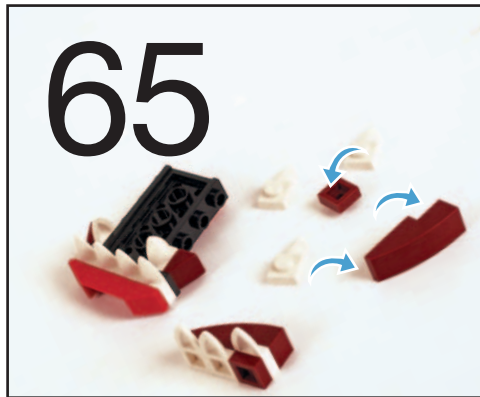
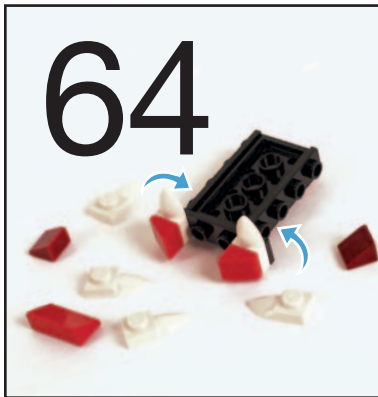
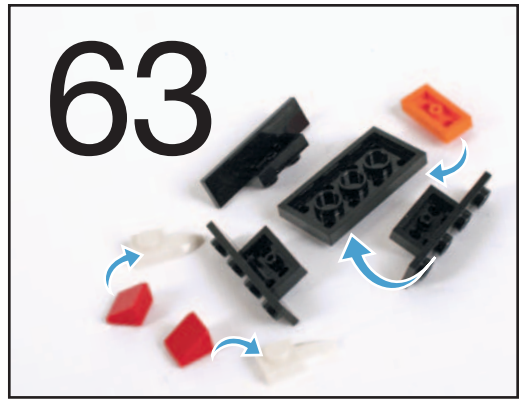
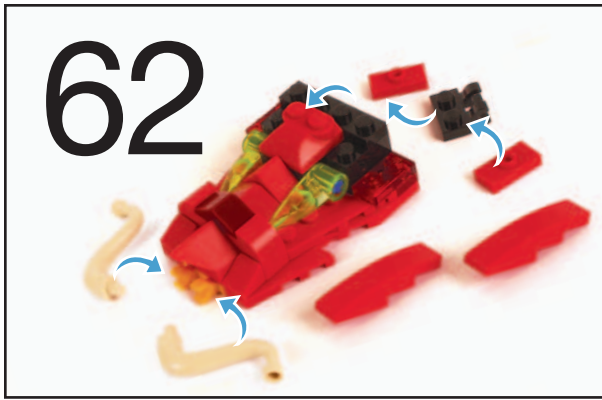


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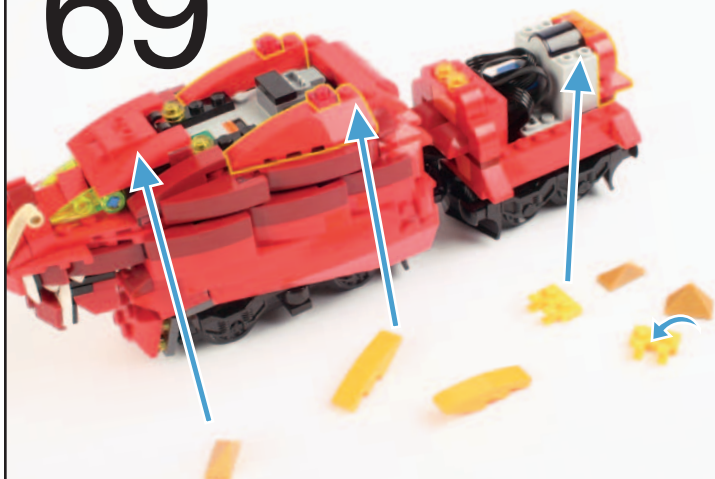


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69



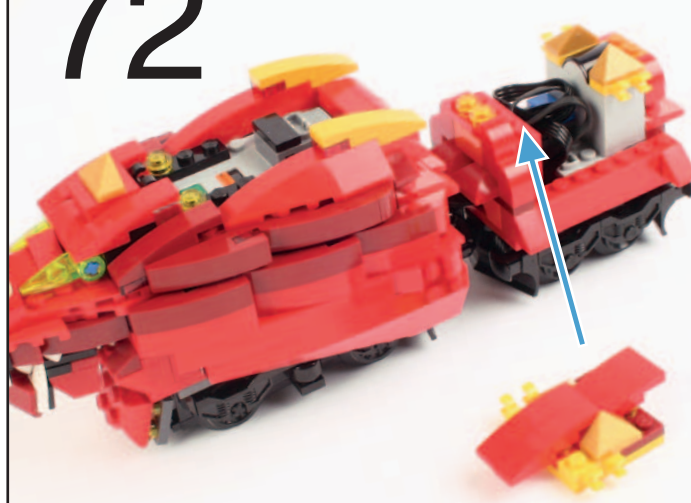
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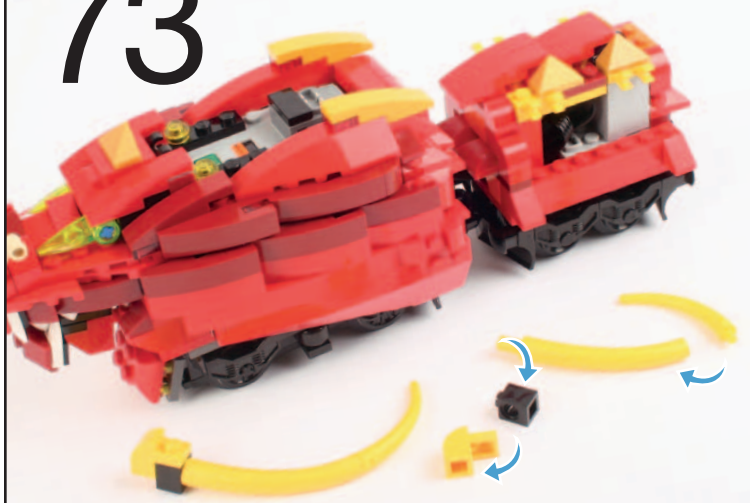
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72



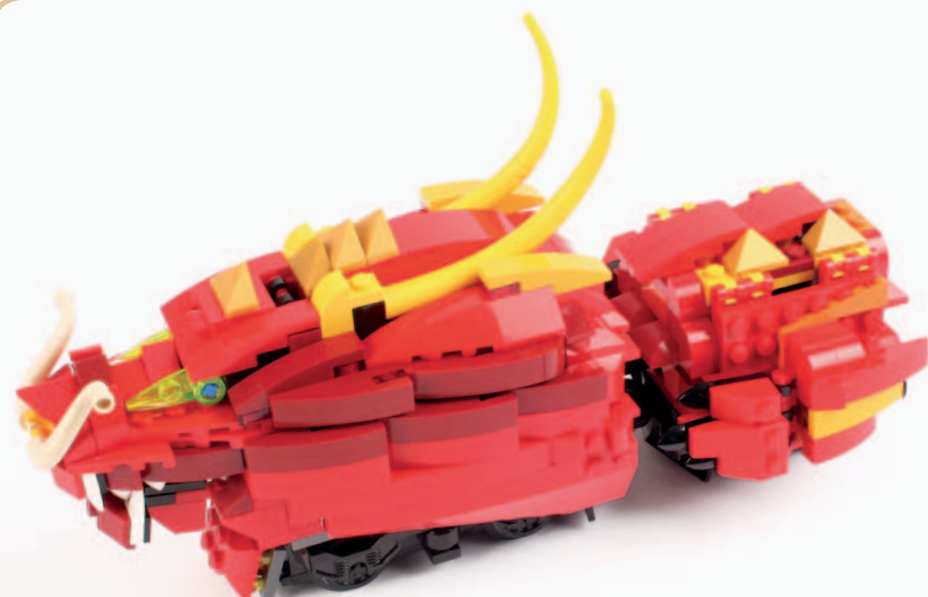
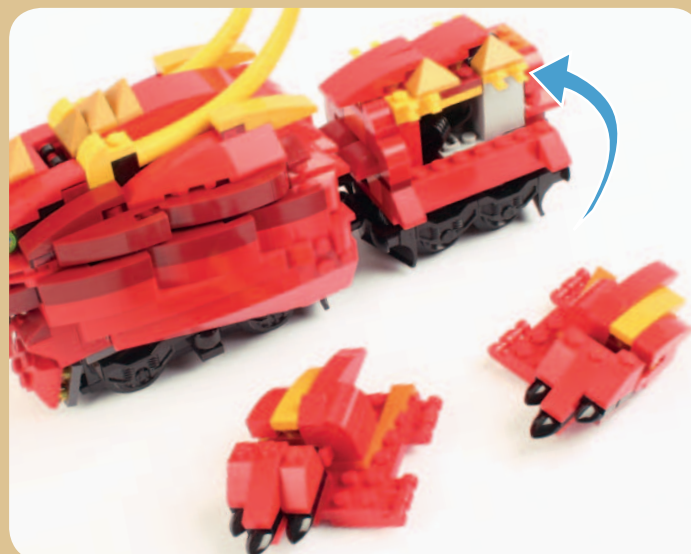
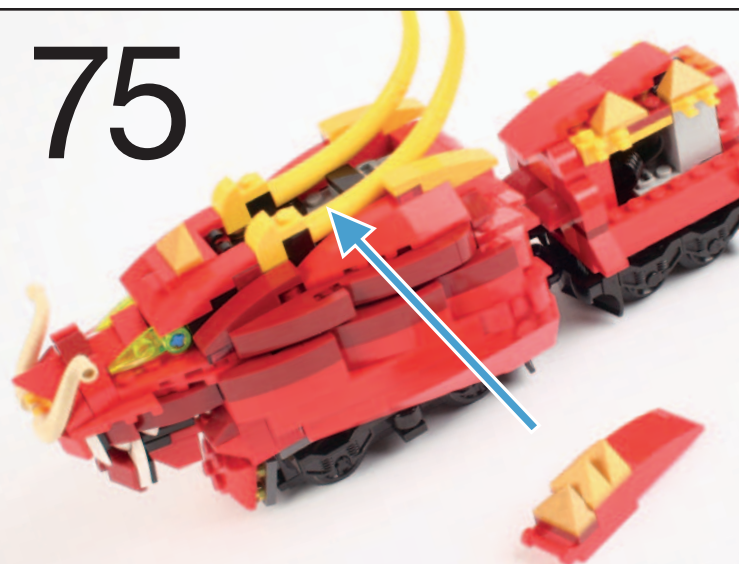
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74

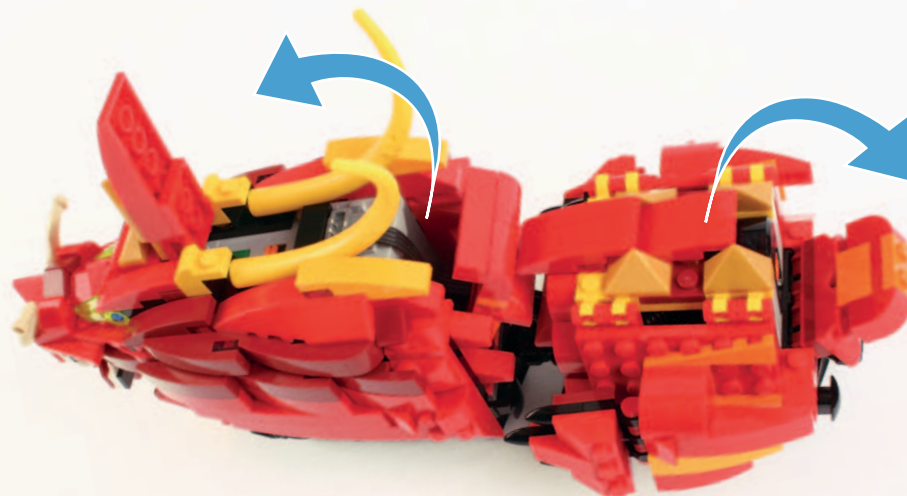


75



Equipment Tip

Make sure that the channel setting on the sensor matches the channel setting on your remote controller, or your tragon won't move. Also, make sure you have batteries for both the controller and the battery box in the head of your tragon.





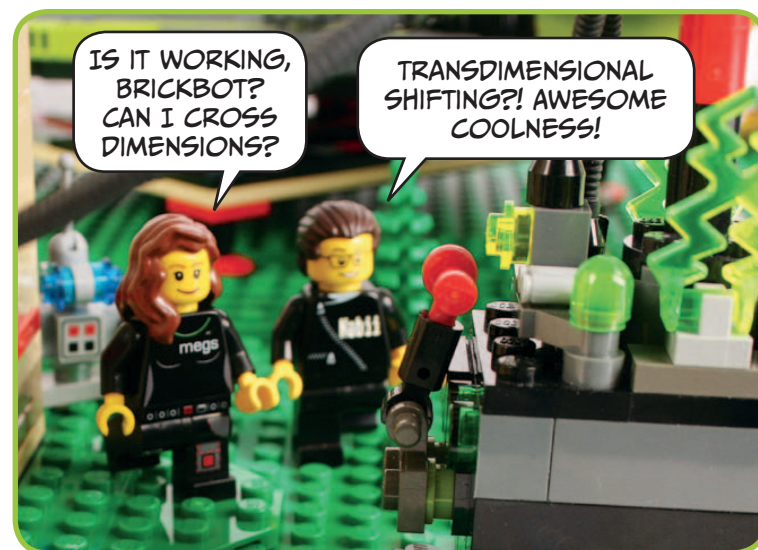
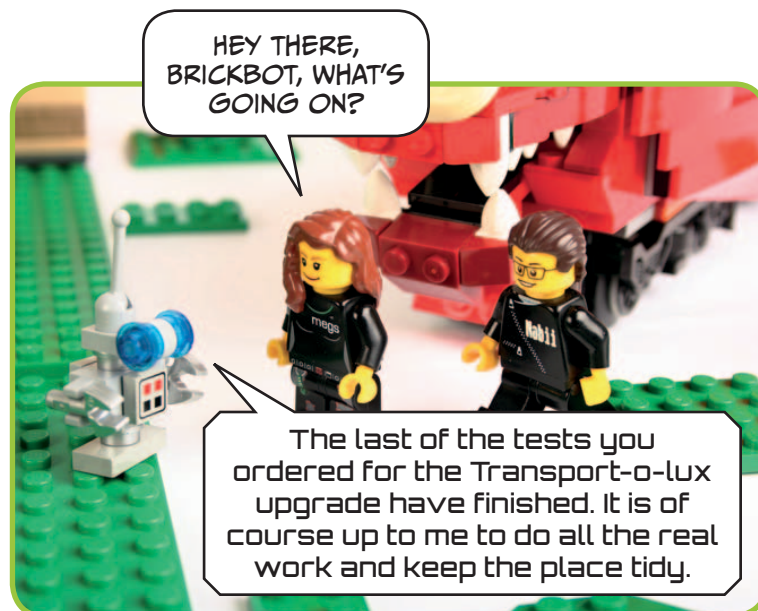
BUILDING JOURNAL

Carl and his awesome LEGO Trains from my first adventure inspired me to build something on rails. Drawing on my passion for dragons and the versatility of LEGO Train parts, I started to build. Once I had the chassis (called a train bogie) worked out, I was able to focus on my Tragon's unique characteristics: speedy, spiky, and fiery! What type of Tragon was he going to be? Long or short claws? Fierce or friendly? I had to create smooth lines and a cool color scheme, and my Tragon was born!

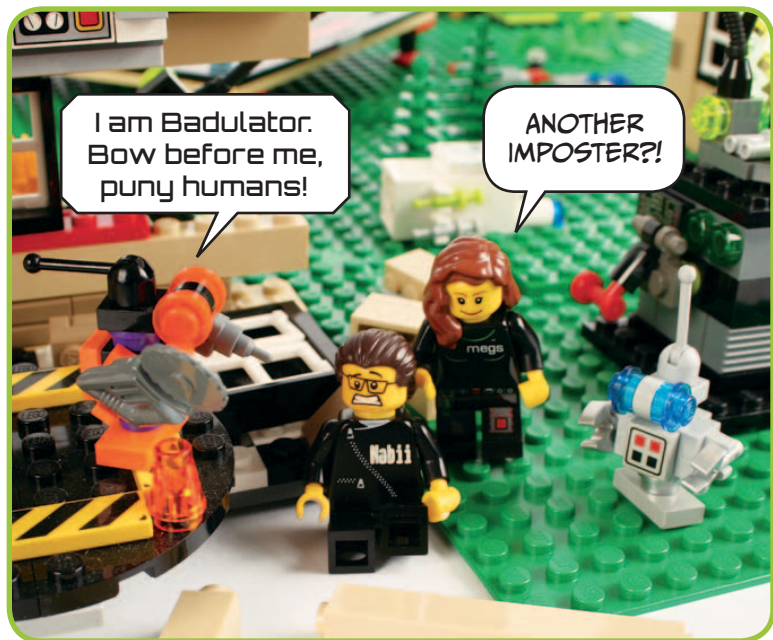
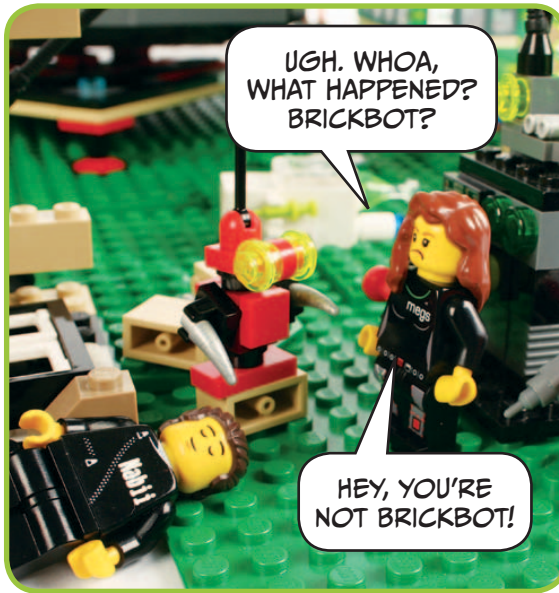
The Sea Tragon



The Humboldt Tragon







It appears we inadvertently opened a dimensional rift. After you humans passed out, a diabolical-looking figure in black appeared and shouted, "At last I am free!" Then he jumped onto the Transport-o-lux and declared, "Now to tear apart the whole universe!" and was gone in a flash!



Victorious Vipers



Mark Stafford

Nickname: Nabii

Profession: Designer

Nationality: British

Website: www.flickr.com/photos/nabii/

DON'T WORRY, NABII.
WE'LL HAVE YOUR VIPER
BACK UP IN NO TIME.
LOOK, I'VE ALREADY GOT
ONE OF ITS WHEELS...

THAT'S NO WHEEL!
THAT'S ONE OF THE
VIPER'S THRUSTERS!

OK YEAH, I CAN
SEE THAT NOW.
NICE PARTS USAGE!

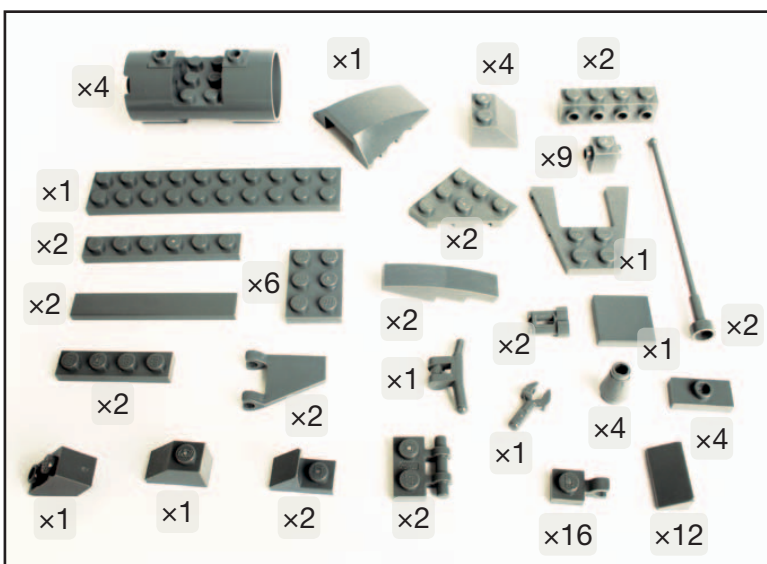
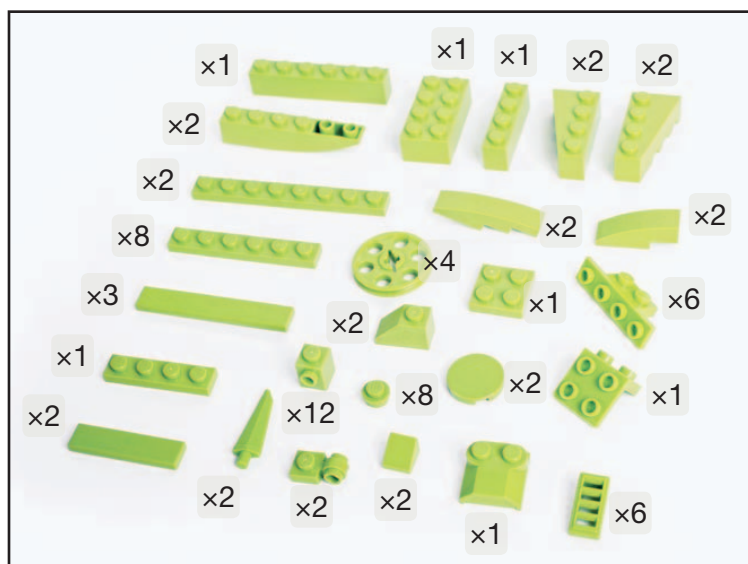
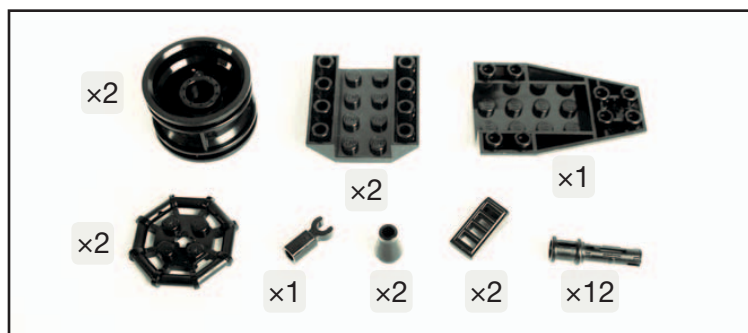
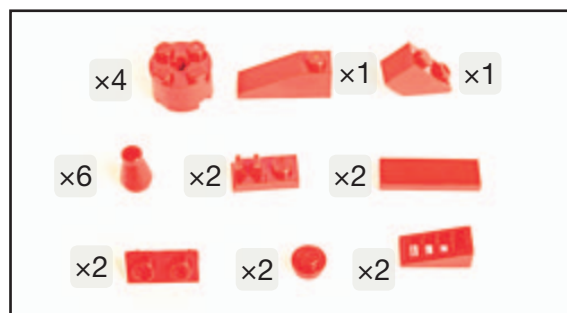
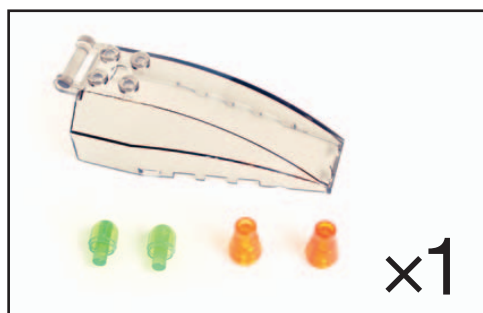
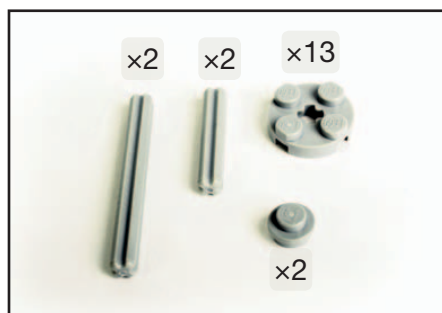
BRICKBOT, WHILE WE
REBUILD THE VIPER, CAN
YOU GET THE BRICKS
READY FOR ANOTHER
TRANSPORT-O-LUX?
I THINK I'LL NEED IT.

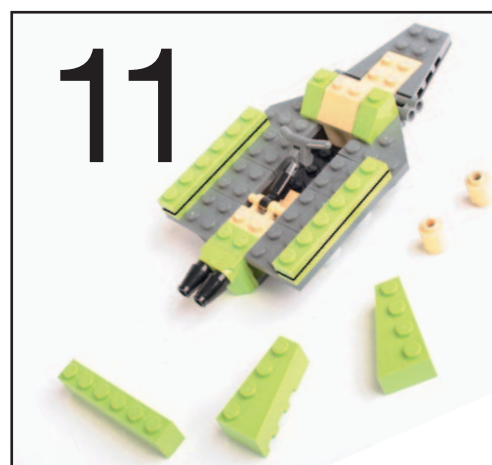
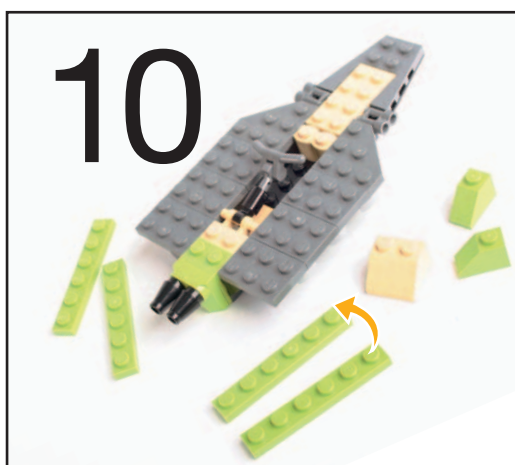
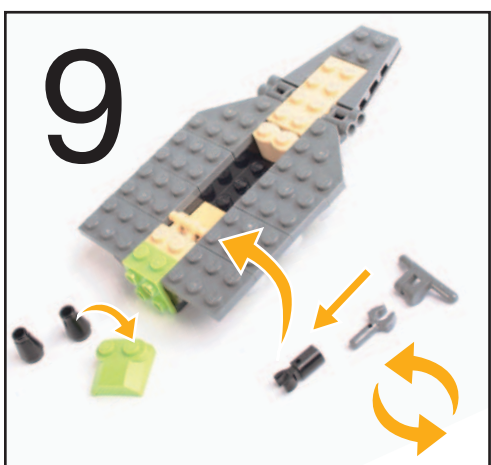
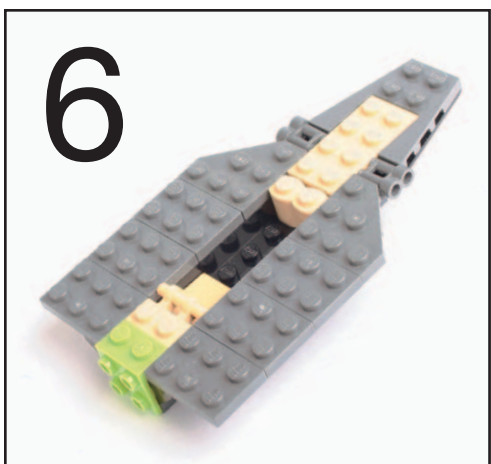
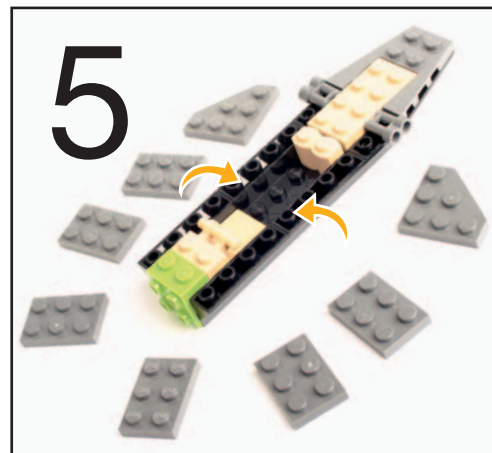
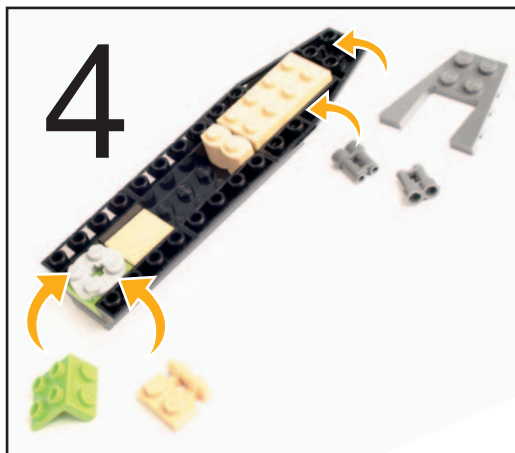
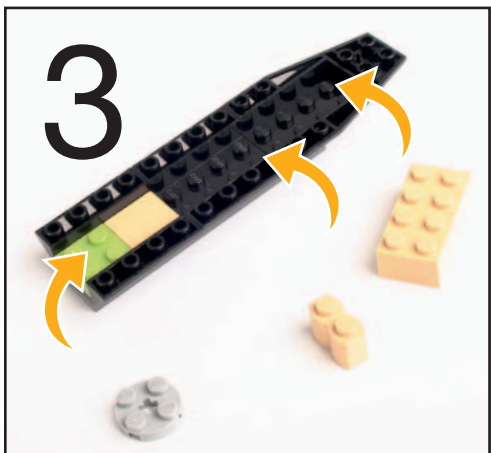
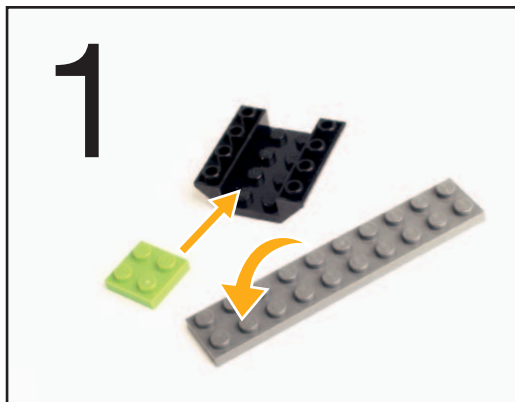
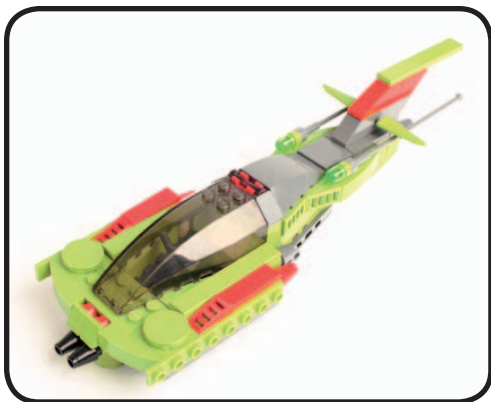


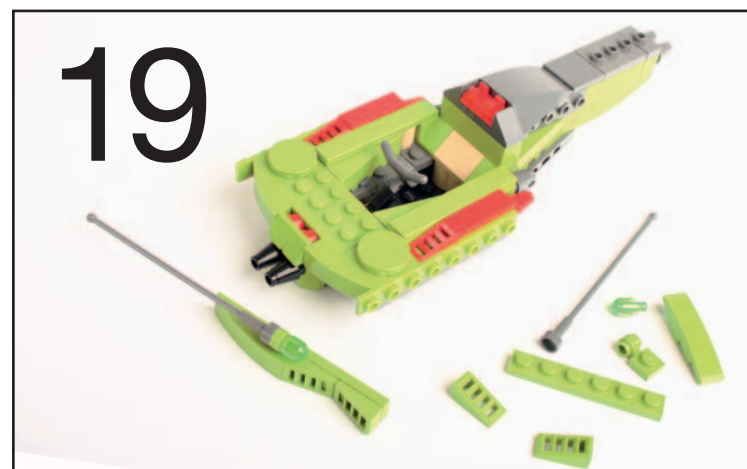
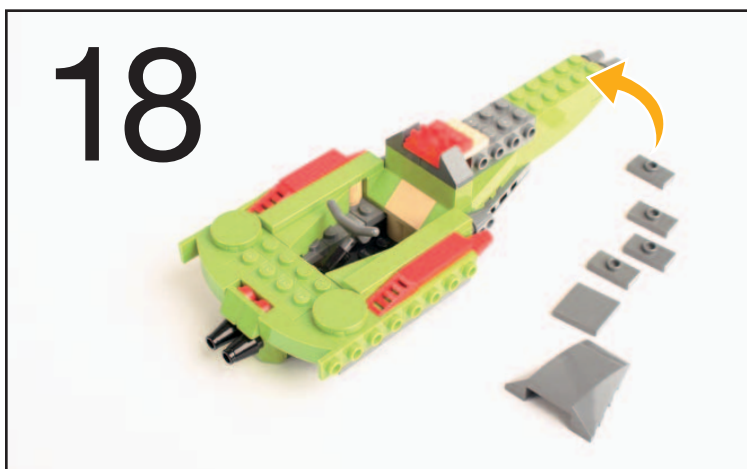
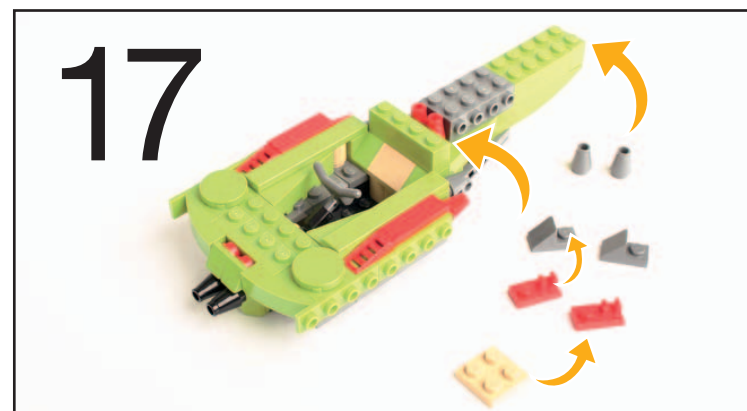
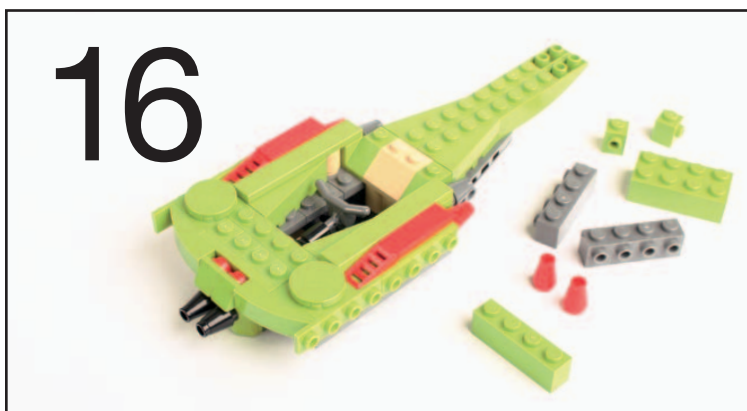
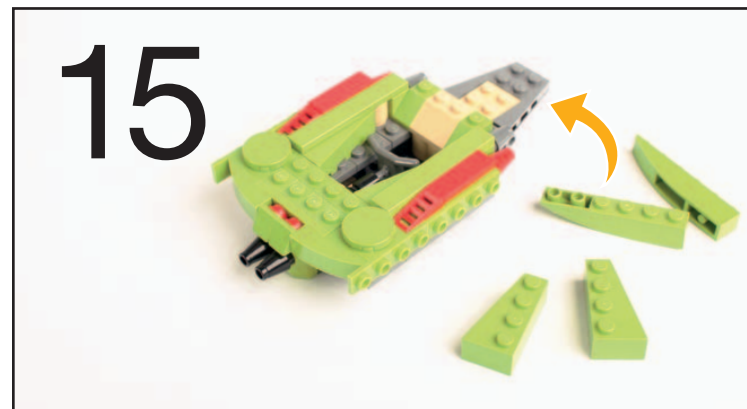
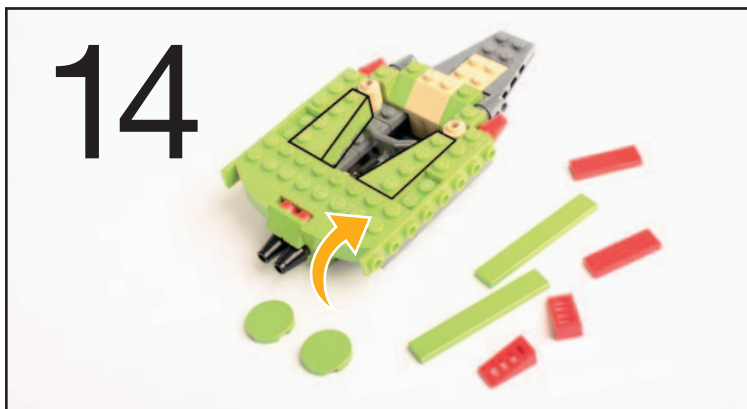
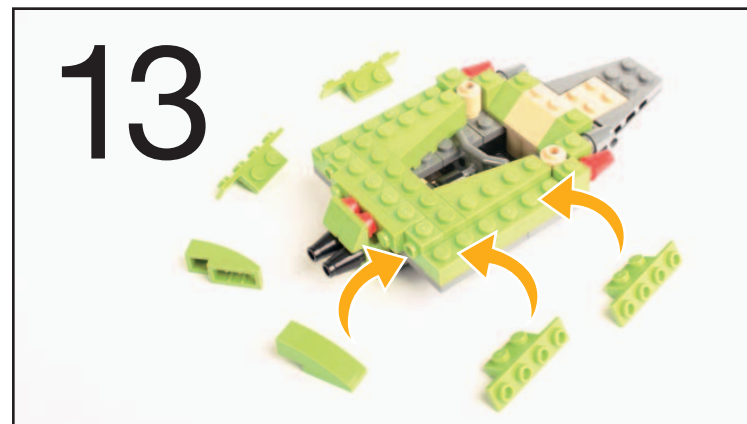
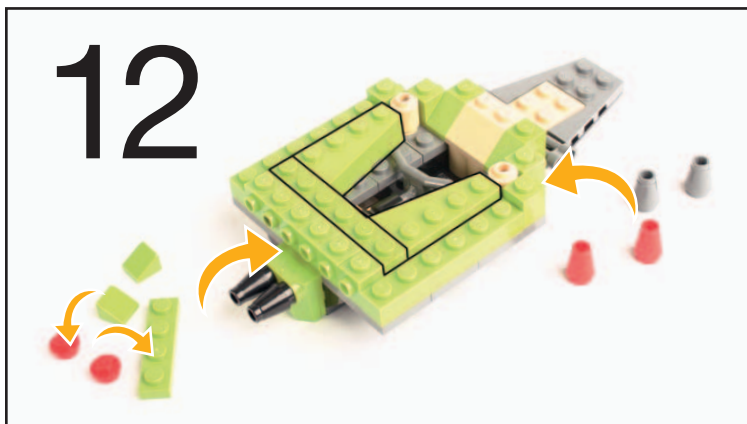
Havoc: A Viper Fighter

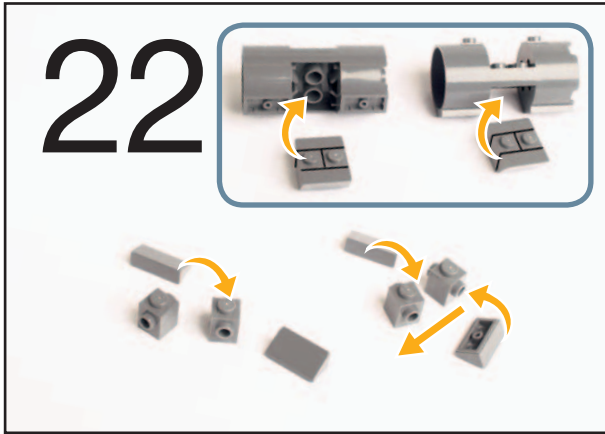
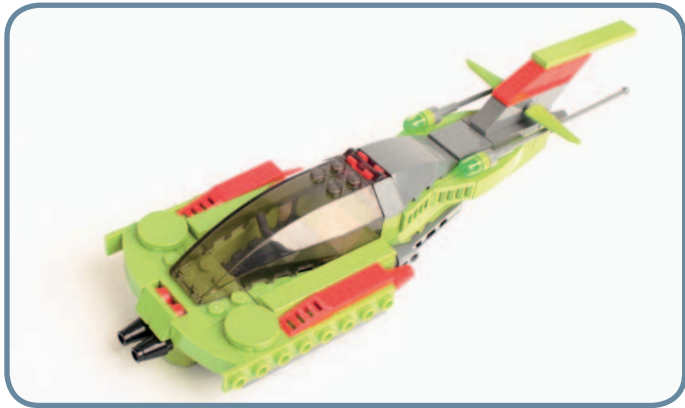
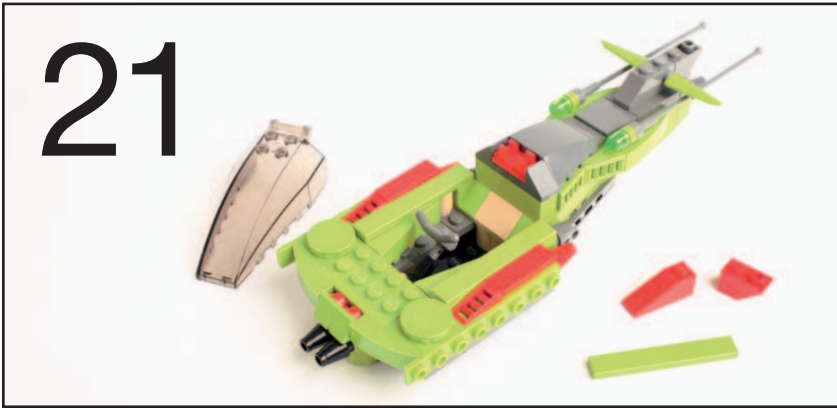
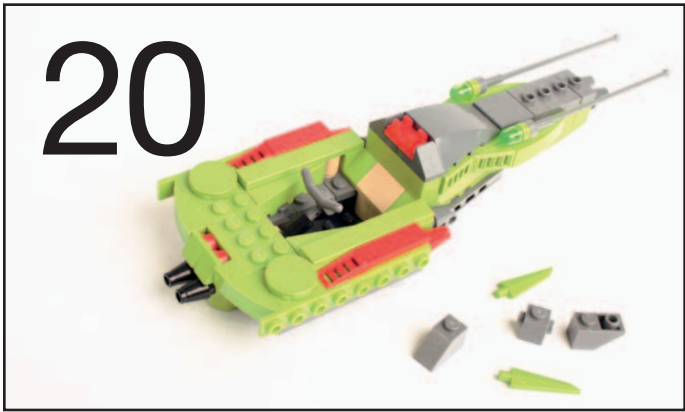
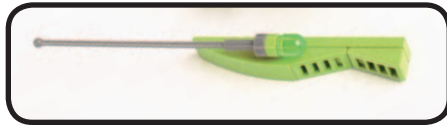
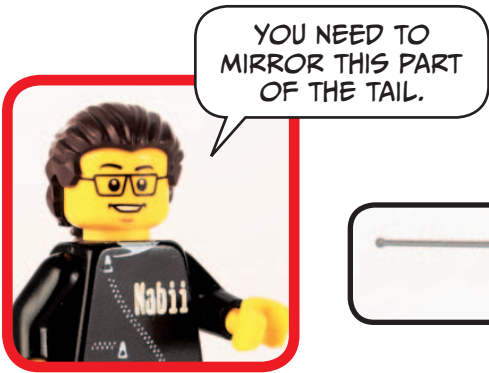


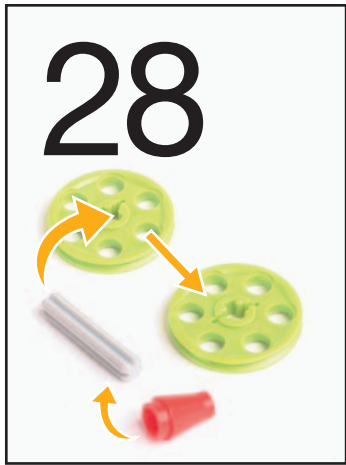
GET READY TO BUILD MY IMPRESSIVE STARFIGHTER! YOU SHOULDN'T HAVE TOO MUCH TROUBLE BUILDING THIS ONE.



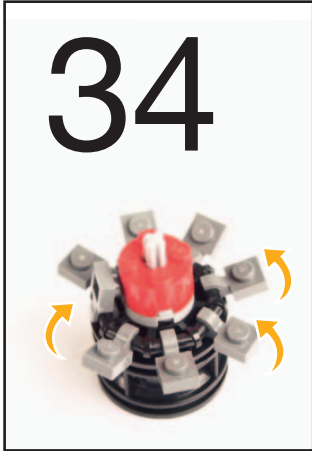
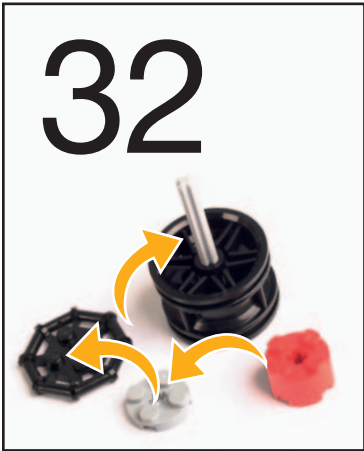


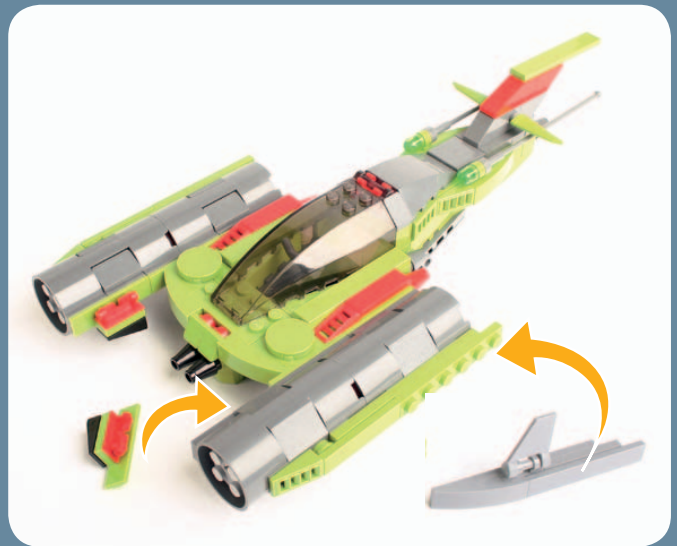
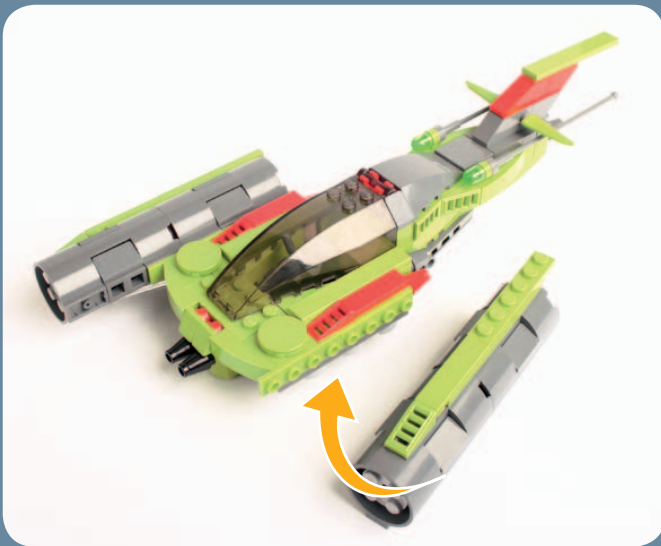






Building Tip
 A LEGO wheel rim can also be used to design all sorts of guns and engines for a spaceship.







WOW, SWEET SPACESHIP!
WHY'S IT CALLED A VIPER?

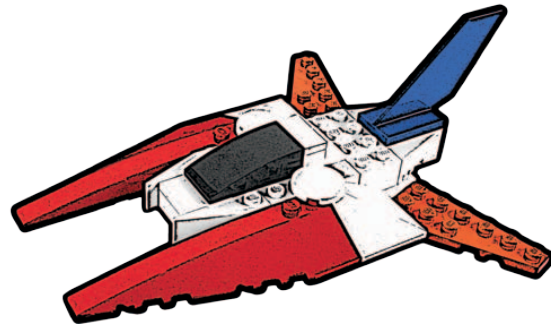
IT'S ACTUALLY CALLED HAVOC,
BUT ITS FIGHTER CLASS IS VIPER.
THAT'S THE NAME OF A FIGHTER SHIP
FROM AN OLD COMPUTER GAME.
SOME LEGO SPACE FANS STARTED
AN ONLINE BUILDING CHALLENGE
WITH SOME SIMPLE RULES INSPIRED
BY THIS STARFIGHTER.



A LEGO Viper should have...

- two forward prongs
- a one-person cockpit
- two rear wings
- one vertical tail fin

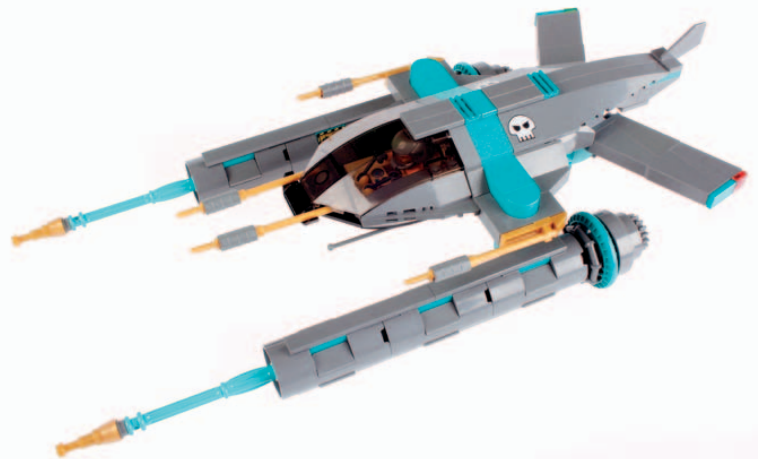
The rest of the build is entirely up to you.



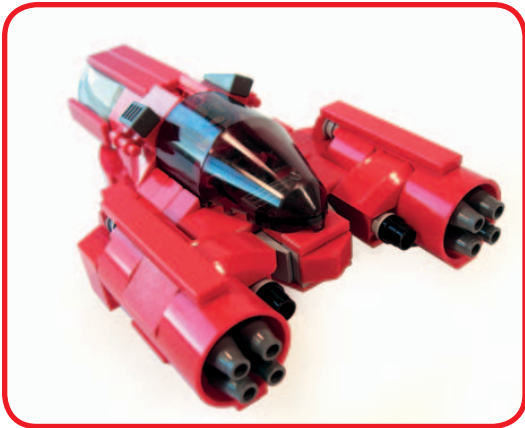
Viper Inspiration



HERE ARE JUST A FEW OF MY VIPERS.
YOU SHOULD SEE
MY SPACEPORT!

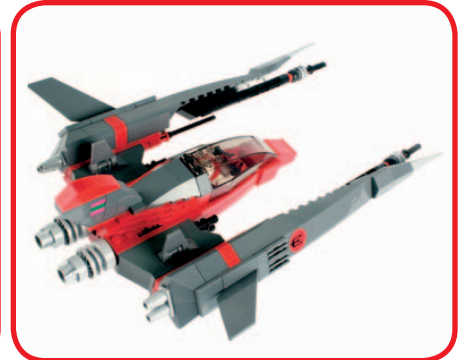






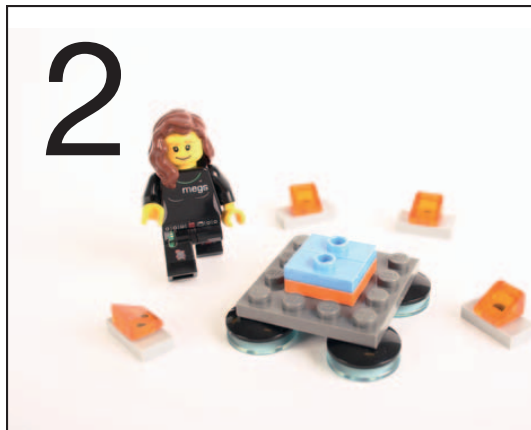
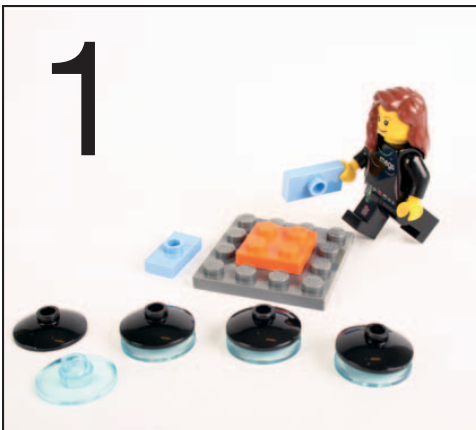
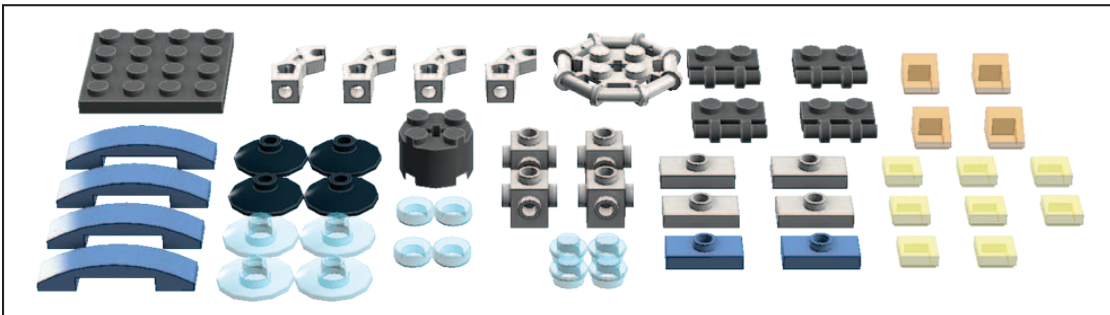
BUILDING JOURNAL

Although the release of the Destructor is still very much on my mind, I'm always open to new ideas and builds. I was intrigued by how widely Nabii had managed to take the design of his fighters while still following the Viper build rules. I think restrictions can sometimes fuel innovation and push you in unexpected directions. I'll have to remember that in my future building!



Transport-o-lux 2.0

Megs, I have the parts for a new Transport-o-lux. I've done my part. Now it is up to you to assemble it.



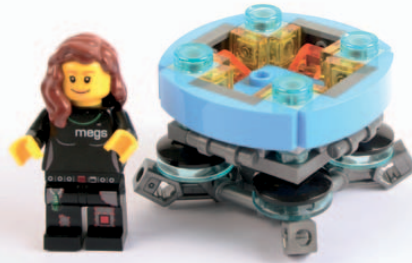
4



5



6



I'VE GOT A COOL NEW RIDE! NOW TO CATCH UP WITH THE DESTRUCTOR...

SEE YOU AROUND, NABII. HAVE A SAFE JOURNEY!

COOL UPGRADES! GOOD LUCK, MEGS!



PUNCH IN THE COORDINATES, BRICKBOT. I HAVE A DESTRUCTOR TO STOP!

WHOOOSH!



I SHOULD TELL THE TRIPLE C WHAT HAS HAPPENED.





NO, MY NAME IS MEGS.
I'M A CREATOR, NOT A
DESTRUCTOR. LET ME
PROVE IT BY HELPING
YOU UNDO ALL OF THIS
DESTRUCTION!

OH NO!
ANOTHER
DESTRUCTOR!



Service with a Smile



Are J. Heiseldal

Nickname: L@go

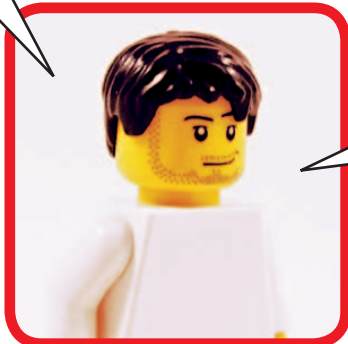
Profession: TV Journalist

Nationality: Norwegian

Website: www.flickr.com/photos/legolago/



YEAH, I CAN VOUCH FOR HER, GUS. I'VE MET HER BEFORE. SHE'S FRIENDLY.



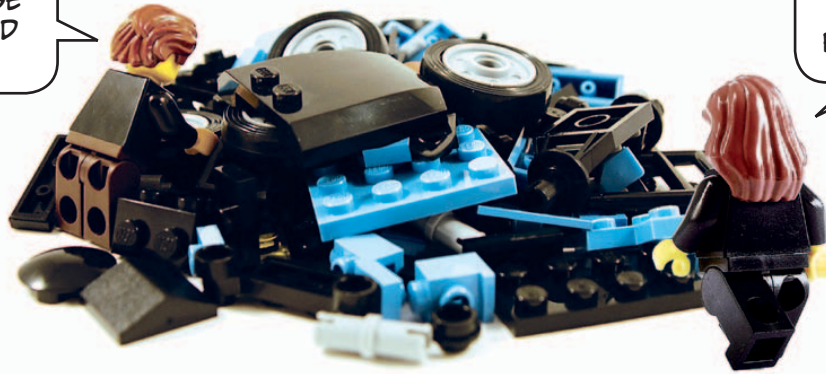
I FOUND THAT IT WAS A BIT BORING TO BE SO ANONYMOUS.

HEY, ARE!
I REMEMBER YOU!
YOU LOOK DIFFERENT
WITHOUT YOUR
HELMET ON.

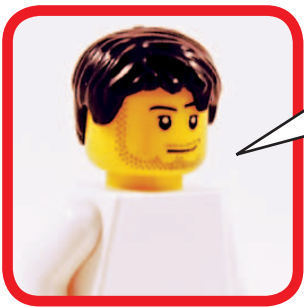
GOOD FOR YOU!



LET'S SORT THESE
LEGO BRICKS AND
GET BUILDING!

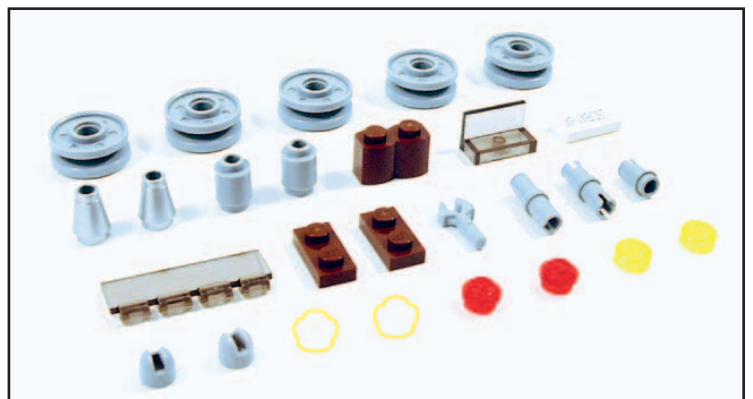
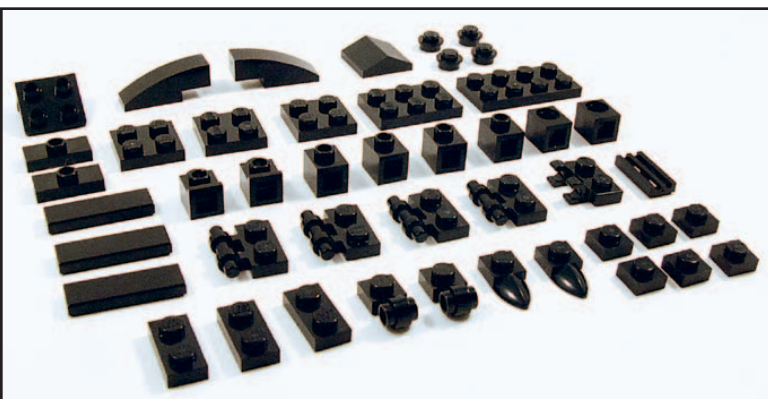
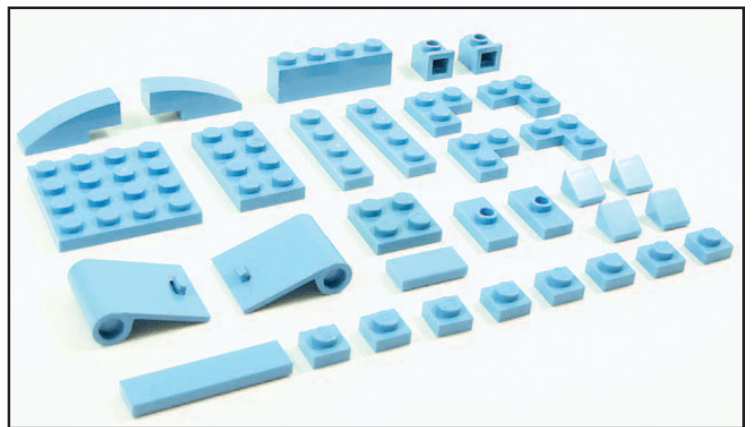
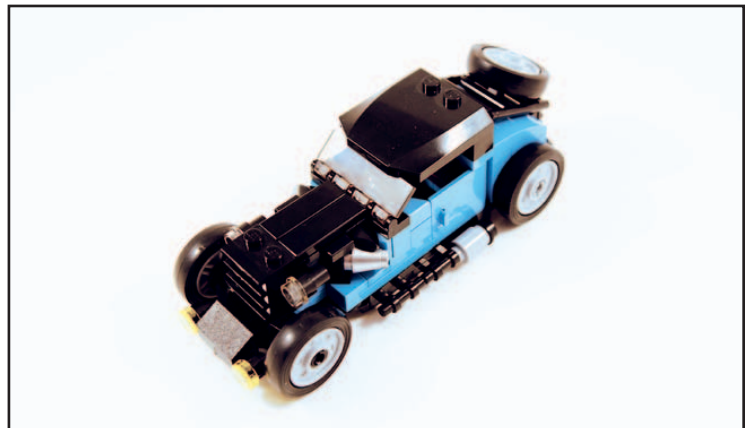


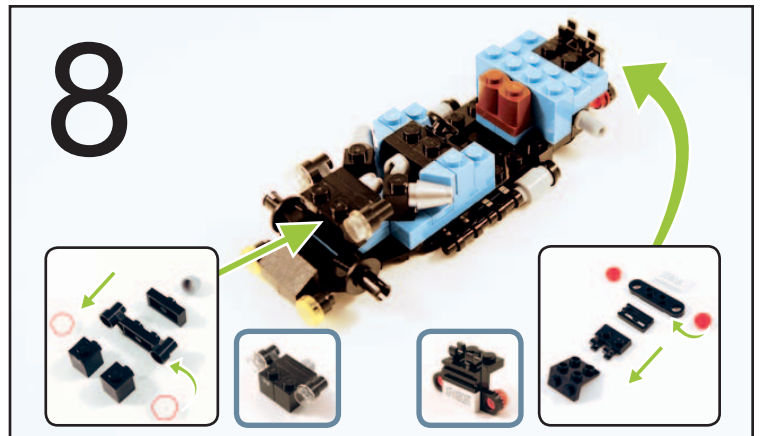
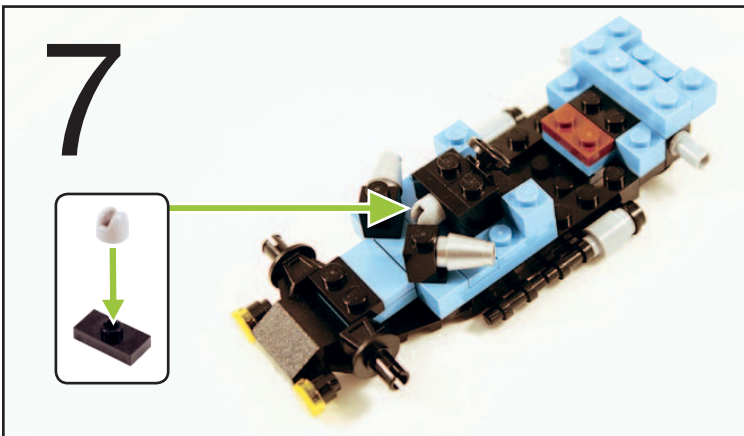
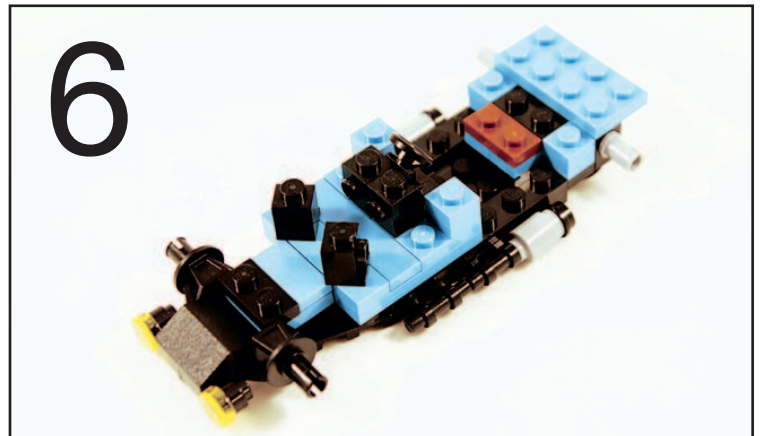
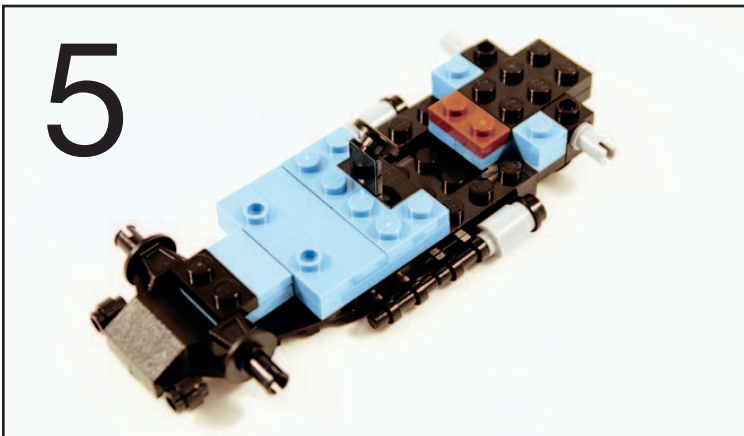
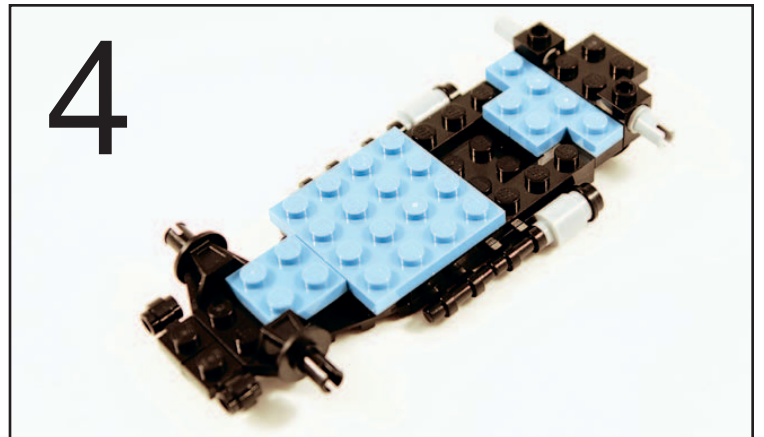
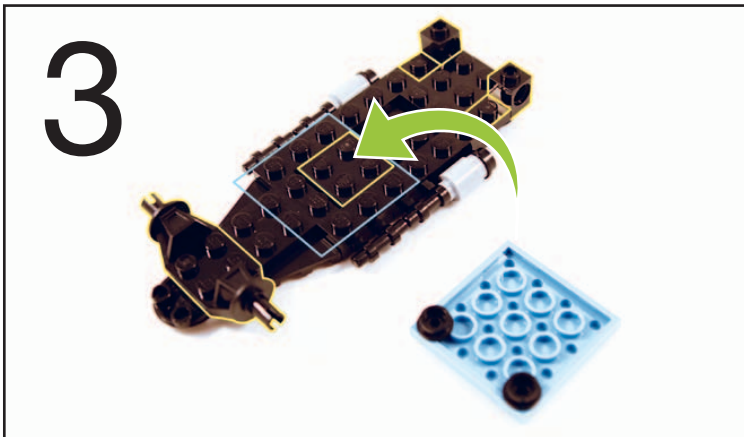
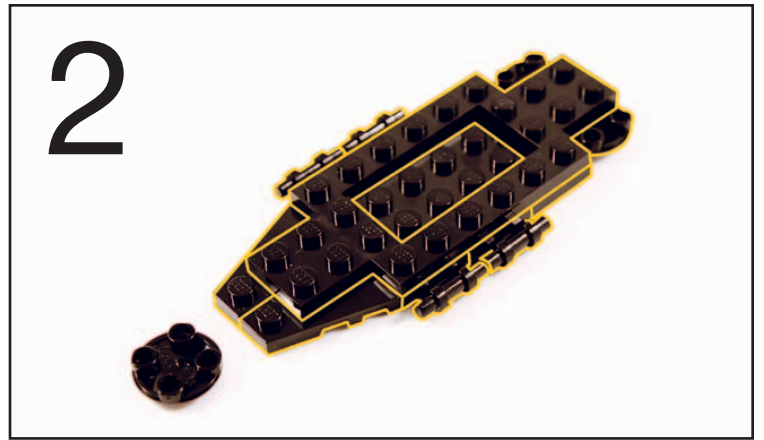
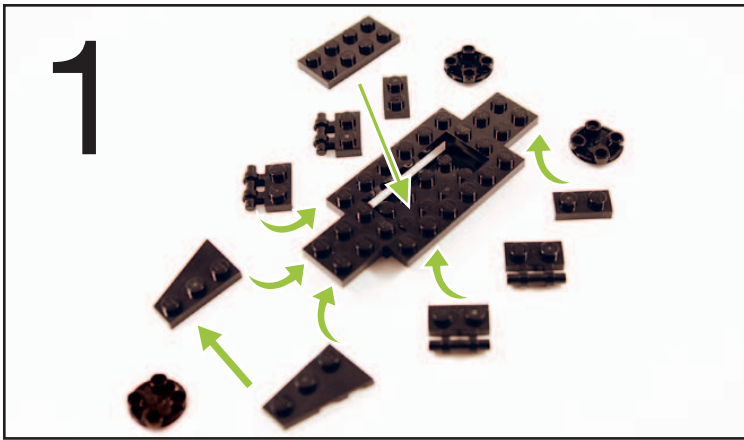
OK, I'LL DO
THE LIGHT
BLUE PIECES!



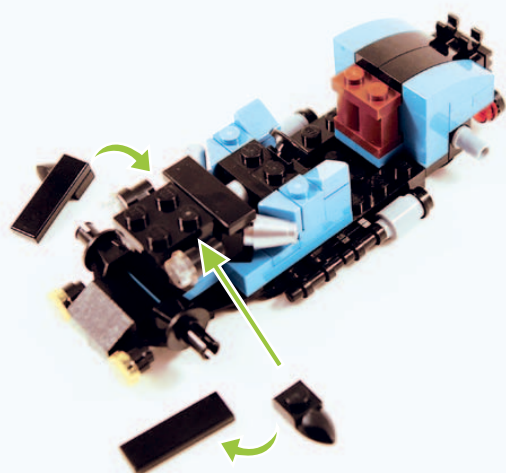
GET READY TO BUILD
THE BLUE EAGLE. PAY
CLOSE ATTENTION TO
THE SUBASSEMBLIES
AS YOU GO.

Blue Eagle

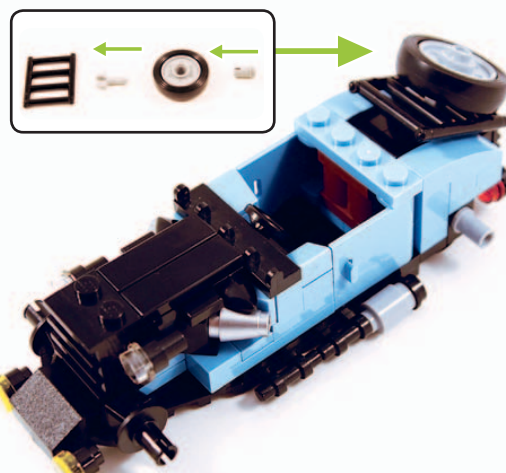




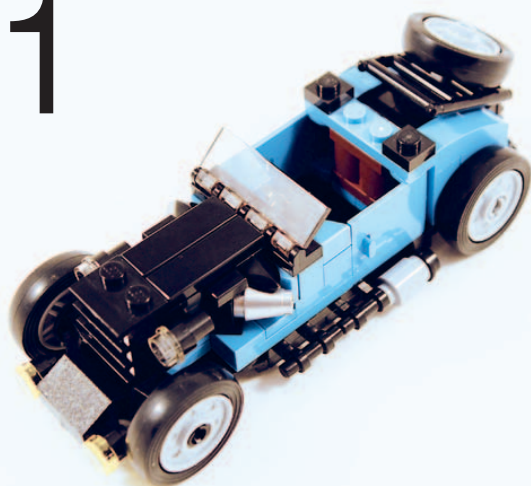
9



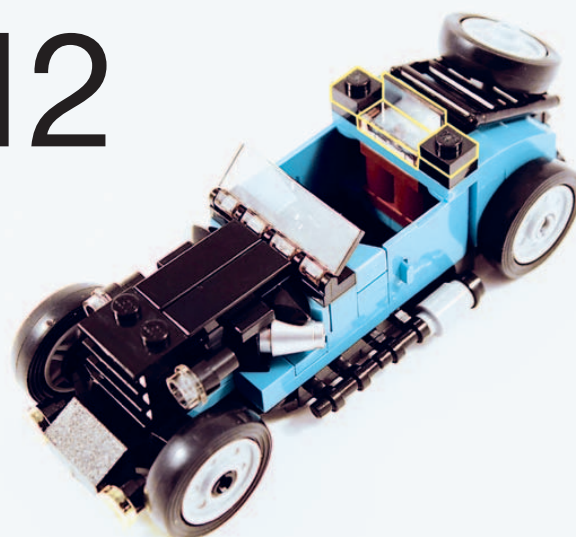
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11

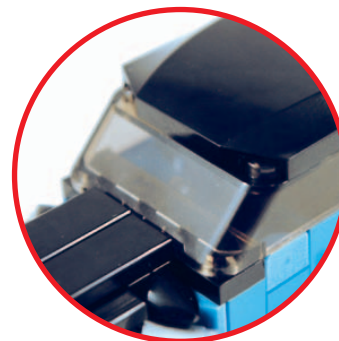
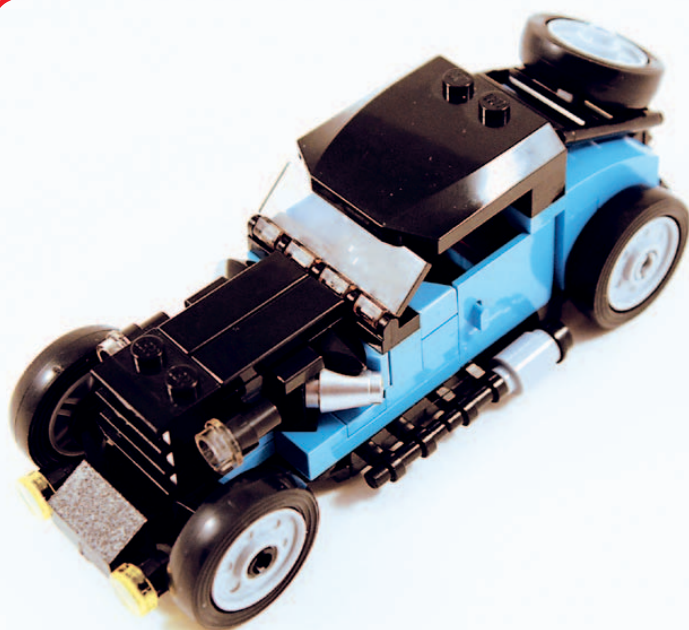


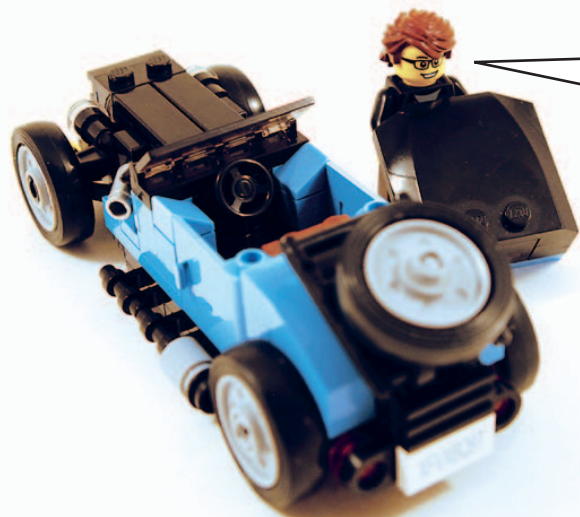
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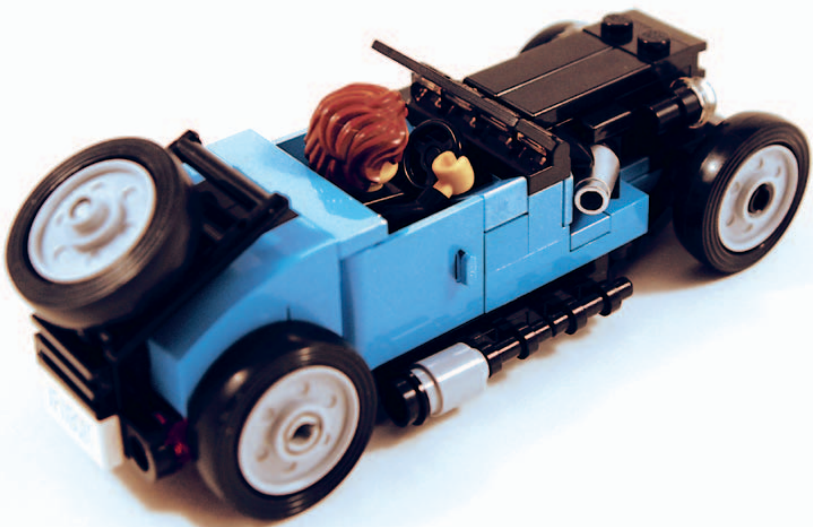
Building Tip

If you don't have these tires or this type of windscreen, you can use something similar. Use your imagination and the LEGO bricks that you have in your own collection.





HEY, YOU'VE ADDED A ROOF TO MY CONVERTIBLE! THAT'S NICE, BUT I LIKE TO FEEL THE WIND BLOWING THROUGH MY HAIR. I'LL JUST MAKE A QUICK ADJUSTMENT.



Building Tip
If you make the roof easily removable, you can turn your a car into a convertible in just a few steps. Take off the roof and add a 1x4 tile to cover the studs and create a smooth look—and voilà! You have a sleek roadster!



IT'S ACTUALLY PRETTIER THAN I REMEMBER. NOW I HAVE TO GET BACK TO MY GAS STATION BECAUSE I'M EXPECTING A GAS DELIVERY ANY MOMENT.

ARE, CAN YOU SHOW MEGS AROUND? MAYBE YOU TWO CAN CHECK TO SEE IF THE DESTRUCTOR DESTROYED ANY OTHER MODELS!

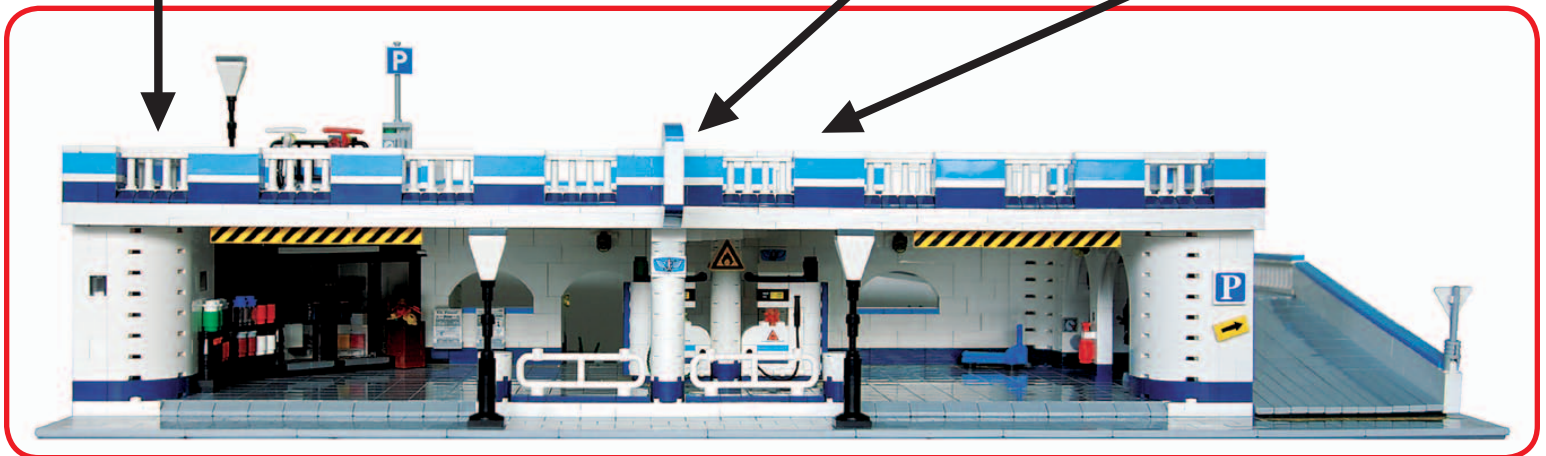
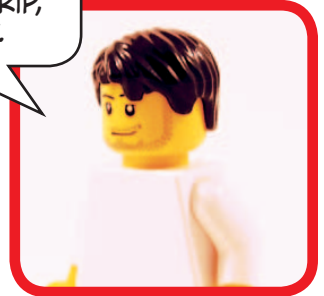
SURE THING, GUS, I'D BE HAPPY TO! MEGS, LET'S CHECK OUT GUS'S GAS STATION.

OK, THAT SOUNDS GREAT!





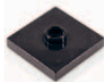
GUS'S STATION IS BUILT WITH NICE ROUNDED CORNERS AND COOL COLORS. IN THE CORNER, THERE'S A SHOP THAT SELLS MOTOR OIL AND OTHER STUFF FOR YOUR CAR, AND HOT DOGS AND DONUTS FOR YOUR STOMACH. AND FOR FOLKS ON A LONG ROAD TRIP, THERE'S A LITTLE TOILET.



Street Lamp



1



2



3



4

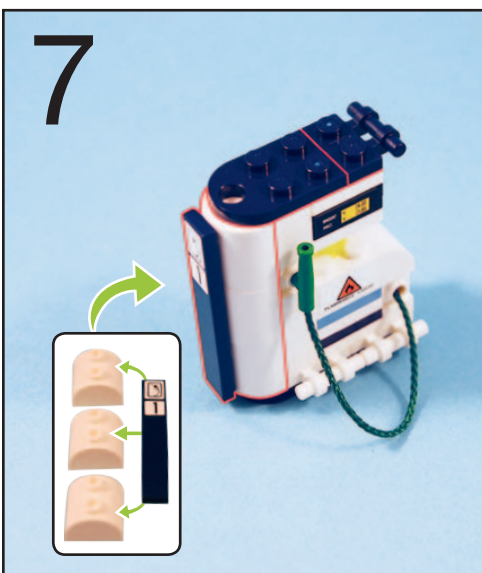
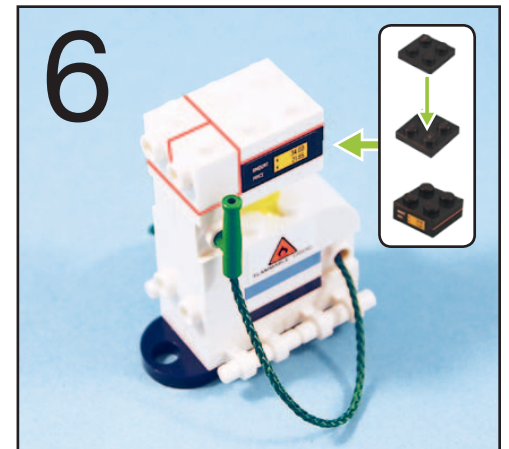
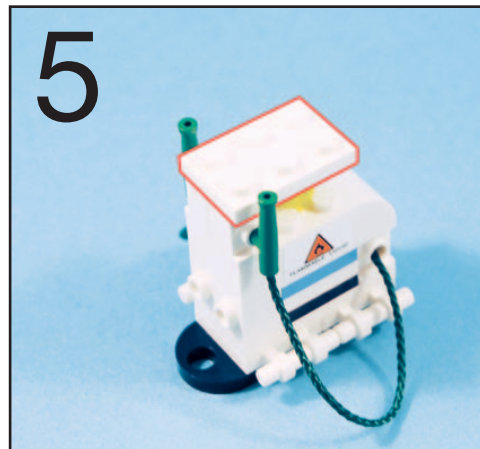
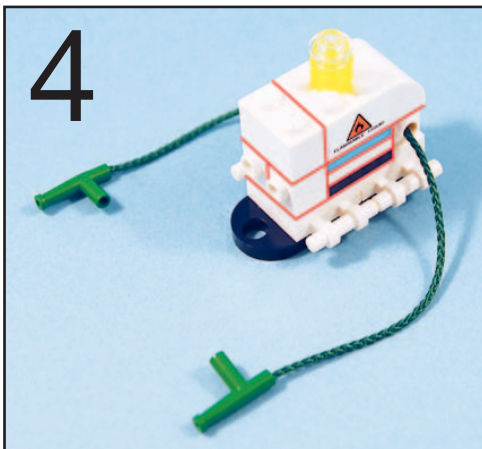
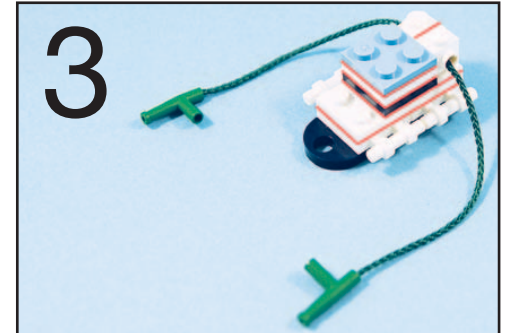
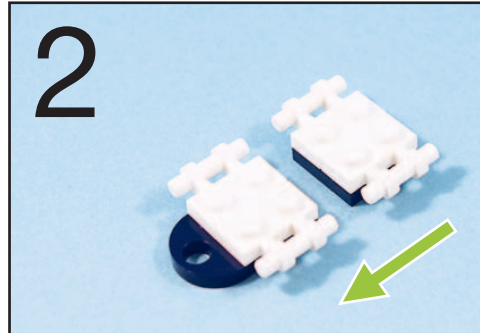
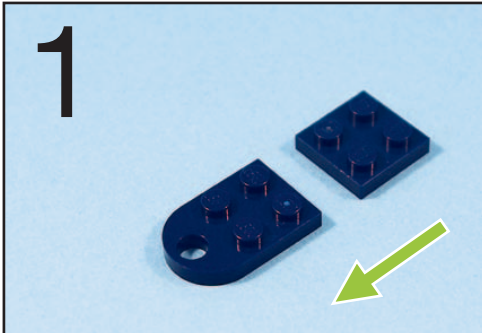
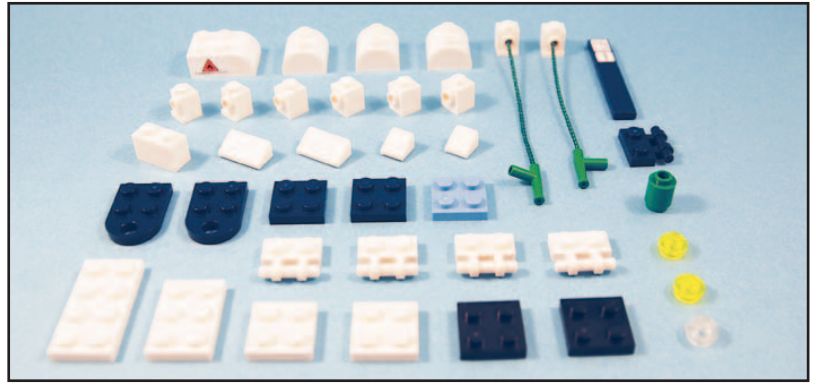


5



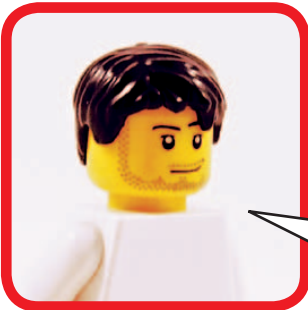


Gas Pump

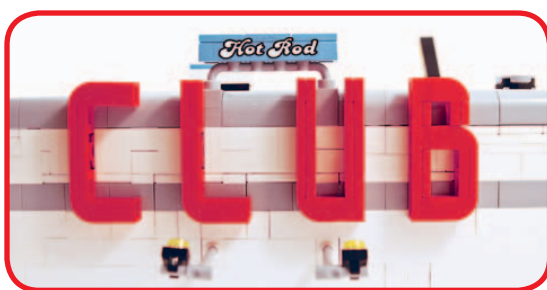
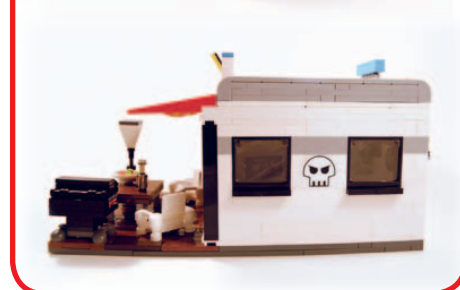
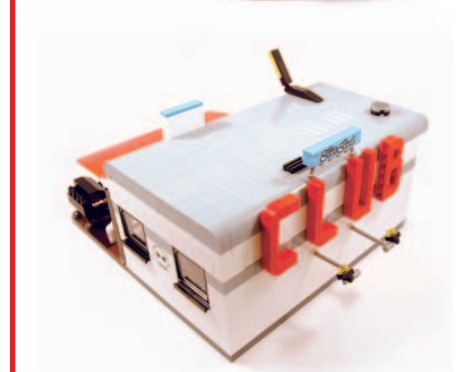


BUILDING JOURNAL

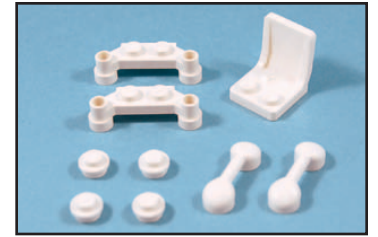
The gas station Are built for Gus has many iconic details: a corner shop, stacks of motor oil cans, a jack, tools, street lamps, and gas pumps. His use of white with light and dark blue for highlight colors creates a nice clean look. Tile elements give it a ceramic feel, and all of the details add a sense of realism to the model.



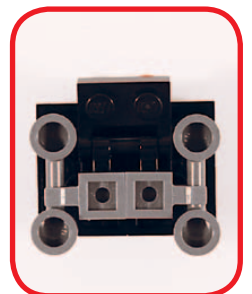
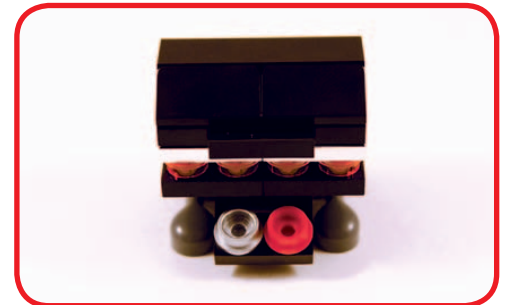
ON THE ROOF OF GUS'S GAS STATION THERE'S A BRAND-NEW CLUBHOUSE FOR THE LOCAL HOT ROD CLUB, WHICH OUTGREW ITS OLD HANGOUT FROM 1994. IT'S THE PLACE TO BE IF YOU'RE CRAZY ABOUT COOL RIDES AND MEAN MACHINES, WITH PLENTY OF PARKING SPACES OUTSIDE FOR THE CLUB MEMBERS—OR ANYBODY ELSE WHO WANTS TO CHECK OUT WHAT'S GOING ON.



Lawn Chair



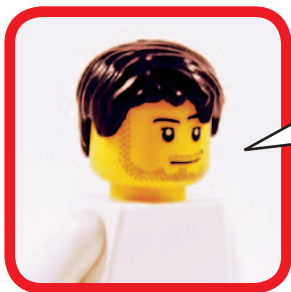
BBQ



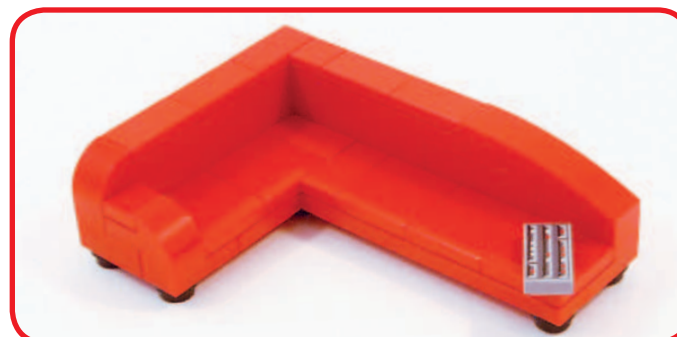
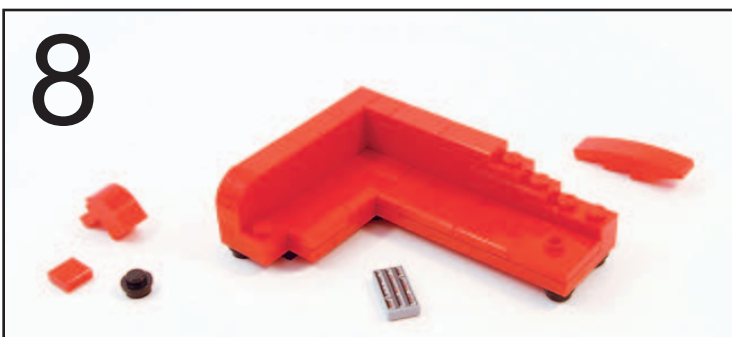
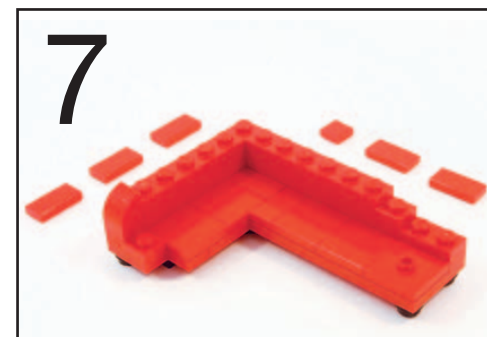
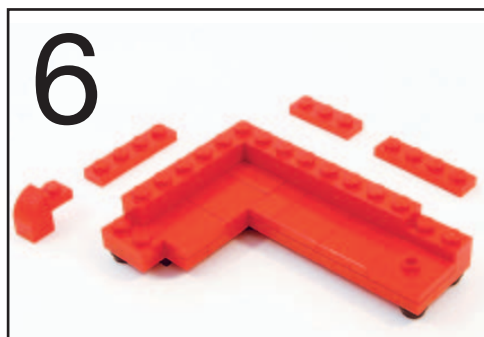
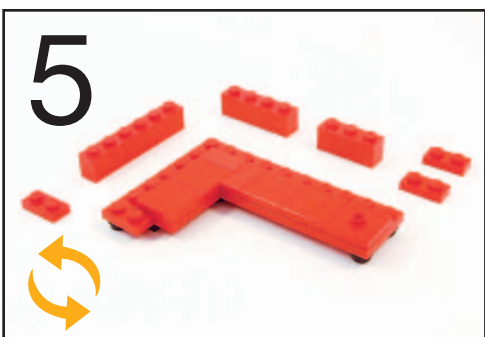
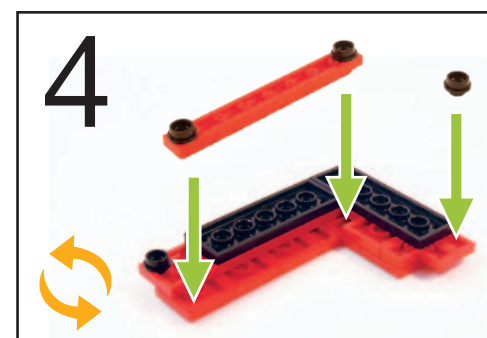
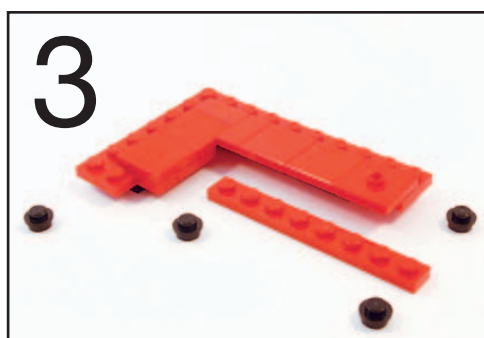
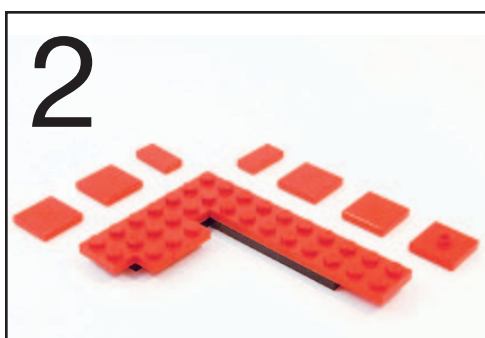
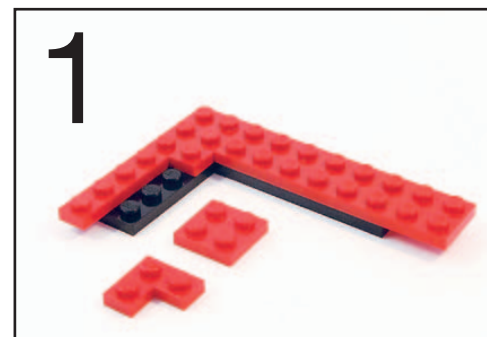
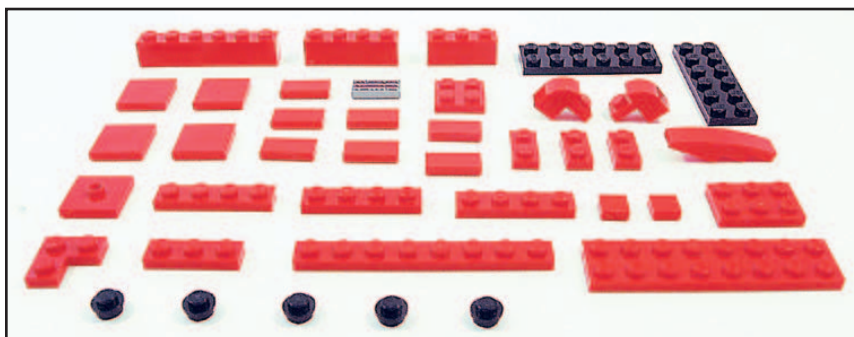
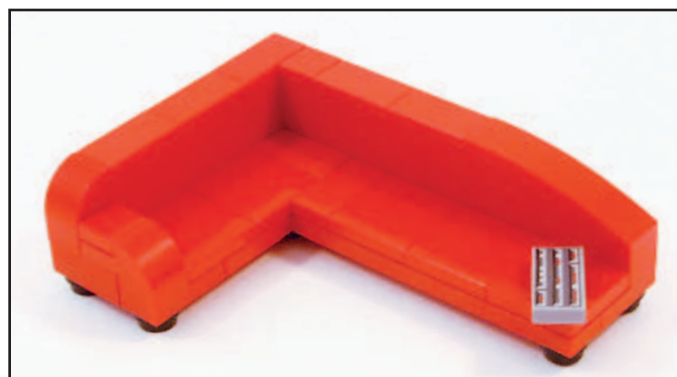
BUILDING JOURNAL

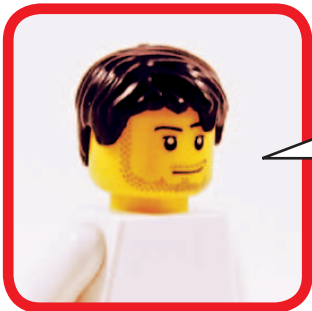
The Hot Rod Club is a perfect hangout for hot-rodders! Building a BBQ grill and a picnic table helps to tie everything together. A sofa, TV, and car parts on the wall say right away this is a place for car fans. I should remember to think of some iconic details that suit the character of the building for the next time I build an interior.

Clubhouse Sofa



THIS IS THE PERFECT
PLACE TO CHILL OUT
AFTER WORKING ON
CARS ALL DAY.





THERE'S A RAMP THAT GOES AROUND THE BACK SO THAT THE HOT RODS CAN GET UP TO THE CLUBHOUSE. OH! I'M SURE THAT IF GUS HAD KNOWN WE WERE COMING, HE'D HAVE REMOVED THAT GARBAGE PILE BEHIND THE GAS STATION! I'M SORRY ABOUT THAT.



Water Fountain



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2



3

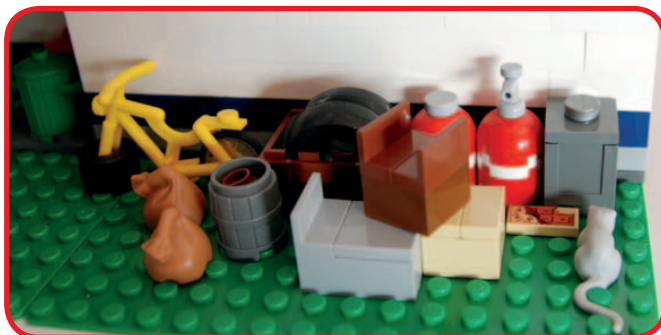
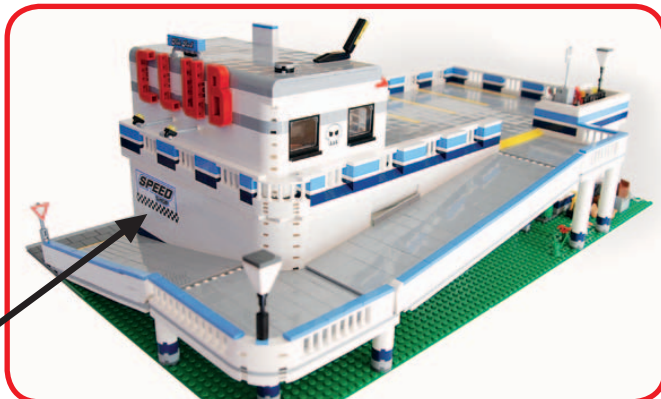


4



Building Tip

Including stickers that complement your model is a great way to add character to your build.

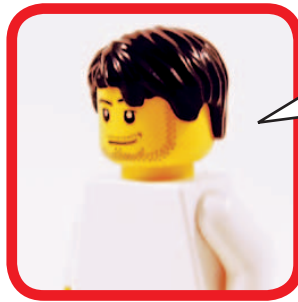


Building Tip

You can make a gas station more realistic by adding details like a drinking fountain and some old boxes lying around. Try using some old, dirty bricks as garbage—and maybe even add a rat looking for a snack!

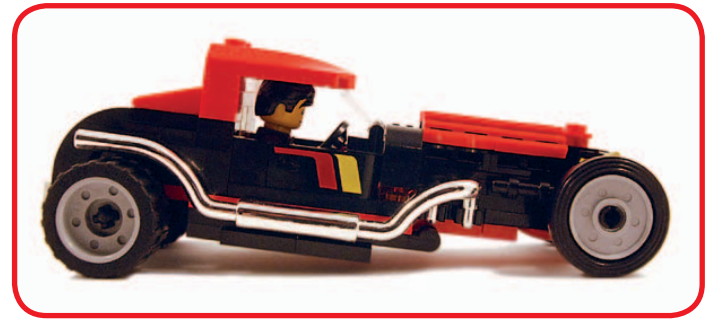
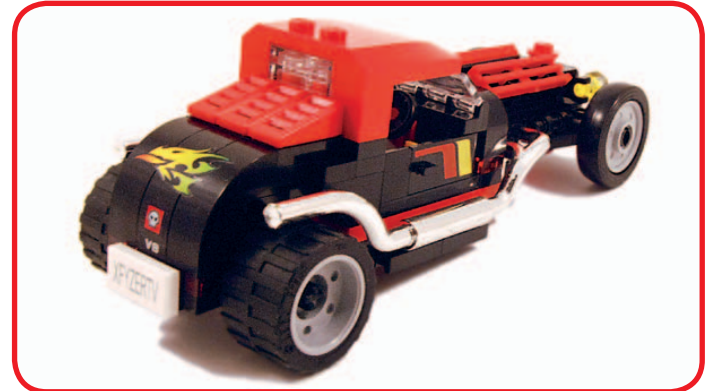


WOW, ARE, GUS'S GAS STATION AND HOT ROD CLUB IS FULLY EPIC! THANKS FOR SHARING IT WITH ME!

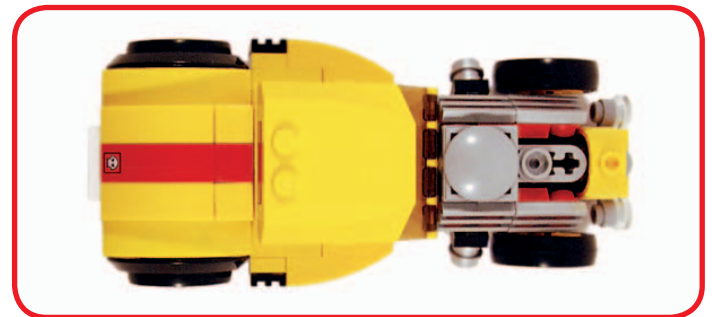


NO PROBLEM, MEGS, BUT WE'RE NOT DONE YET, FOR NO HOT ROD CLUB WOULD BE COMPLETE WITHOUT SOME SWEET RIDES TO GO WITH IT!

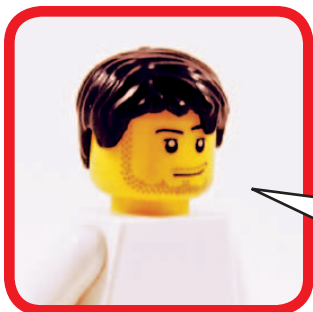
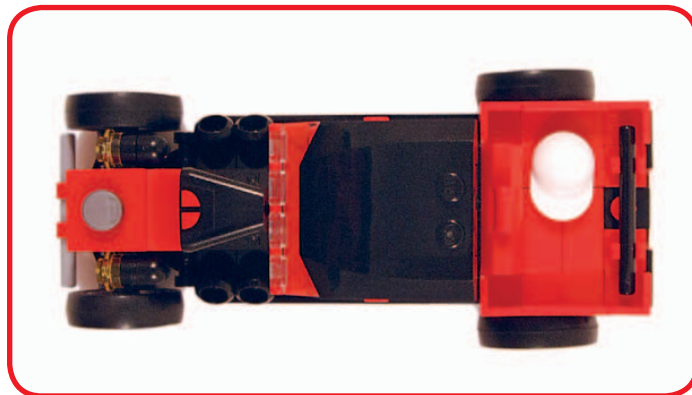
Hot Howler



Sweet Yello



Rebel Roadster



THE MEMBERS OF THE HOT ROD CLUB OFTEN GIVE THEIR CARS NAMES THAT SOUND ANGRY OR DANGEROUS. BUT UNDERNEATH THAT TOUGH IMAGE, THEY'RE REALLY FRIENDLY GUYS!

Building Tip

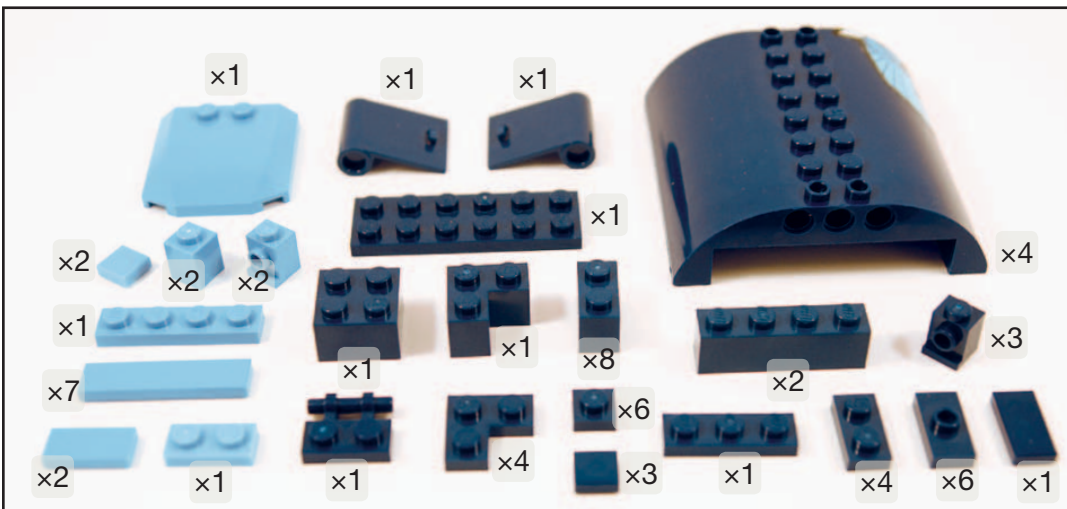
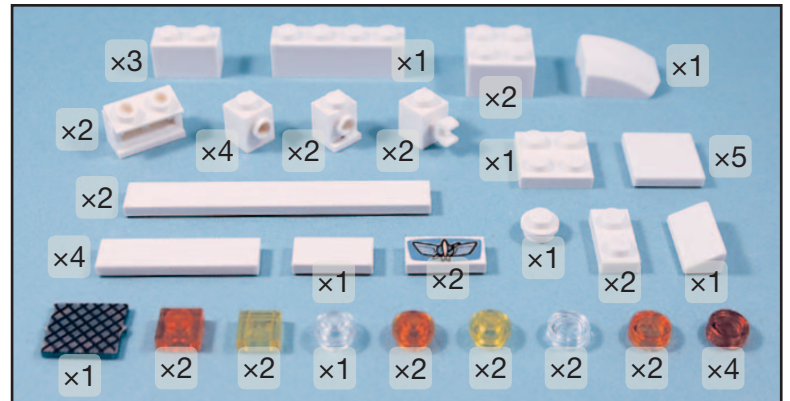
Hot rods and muscle cars often have a wide rear axle and bigger rear wheels to give them an aggressive and fast look. If you don't have wheels in different sizes, you can change the axle width by placing the rear wheels farther apart than the front wheels.



HEY, I RECOGNIZE THESE PARTS. I THINK THIS IS THE TANKER TRUCK THAT'S SUPPOSED TO DELIVER THE GAS TO THE STATION!

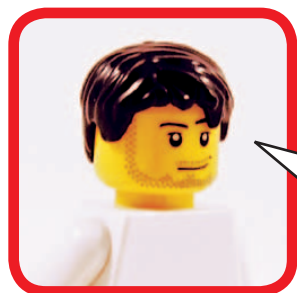
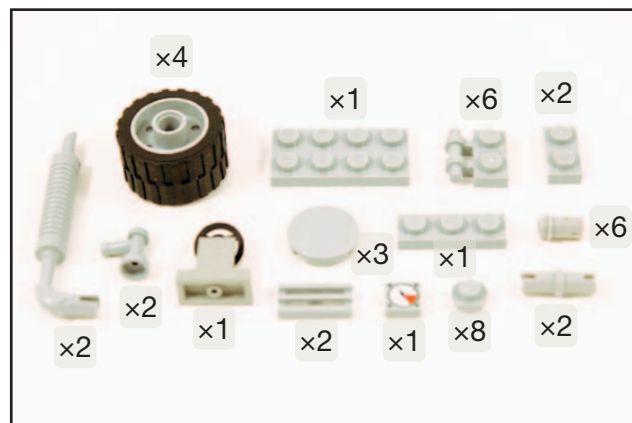
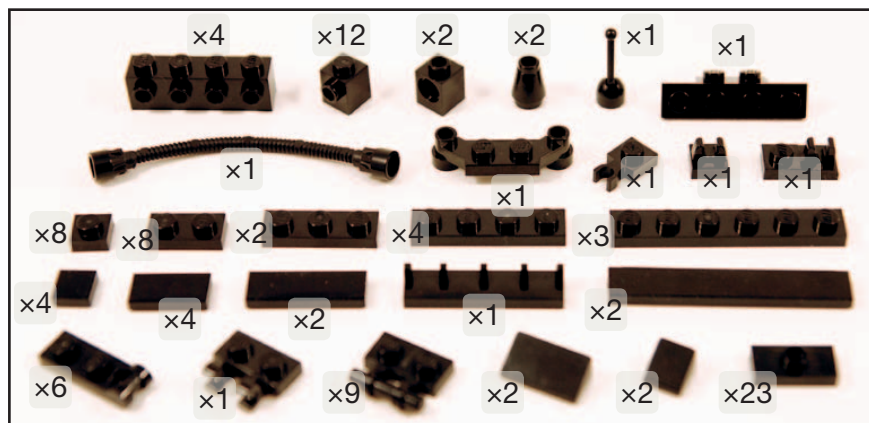
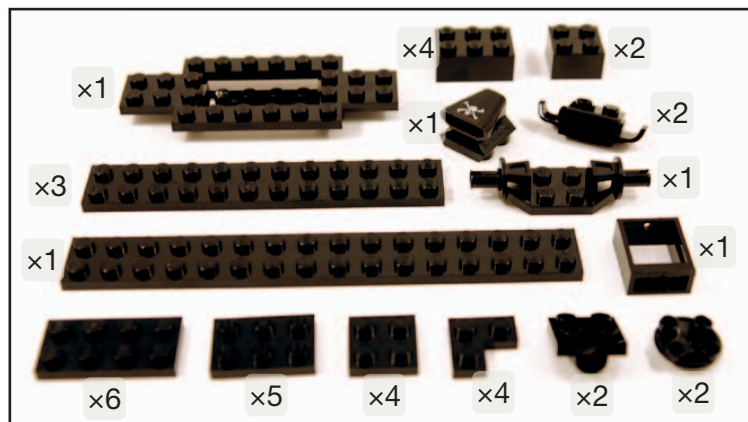
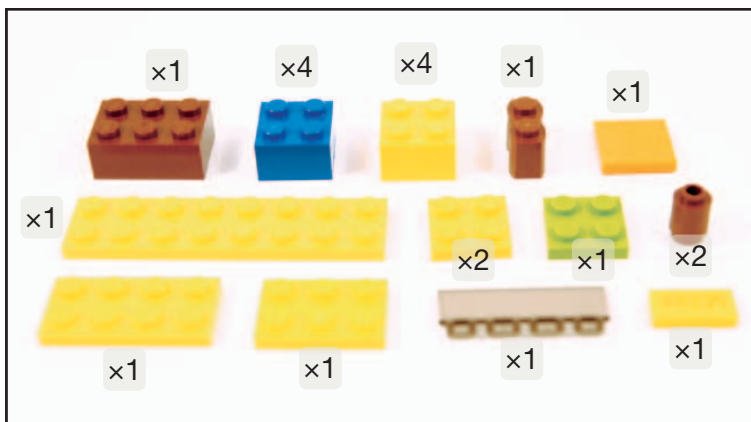
WE'D BETTER REBUILD IT THEN AND MAKE IT FAST!

Gas Guzzler

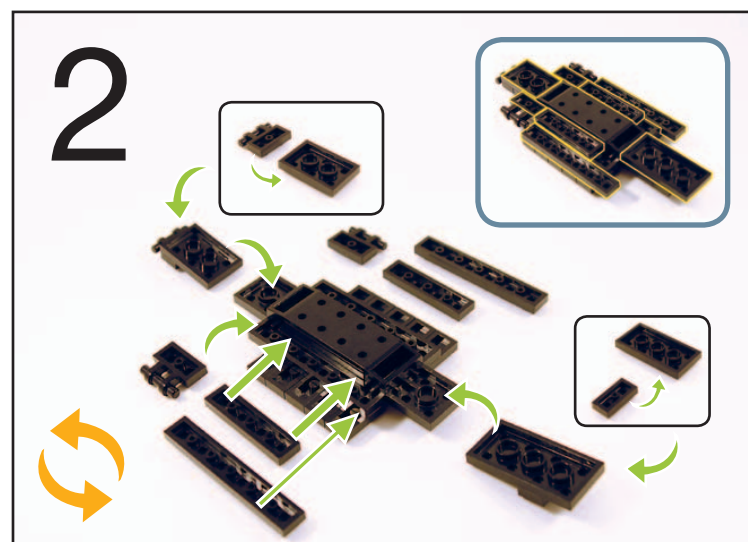
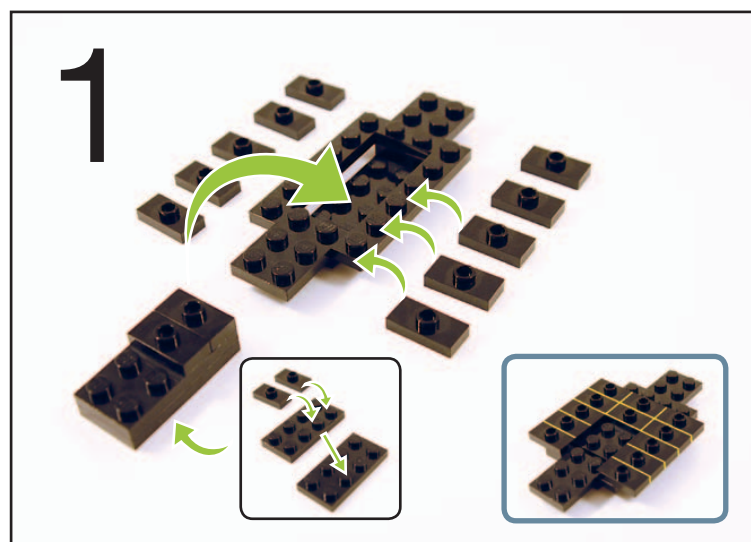


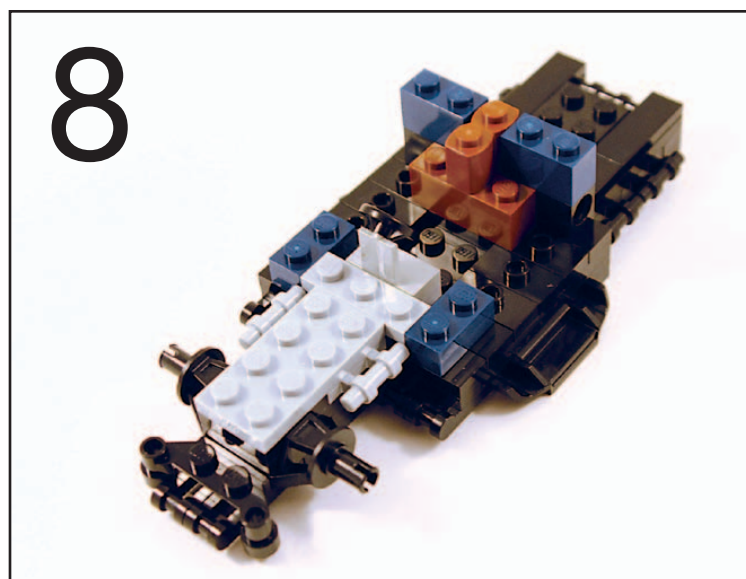
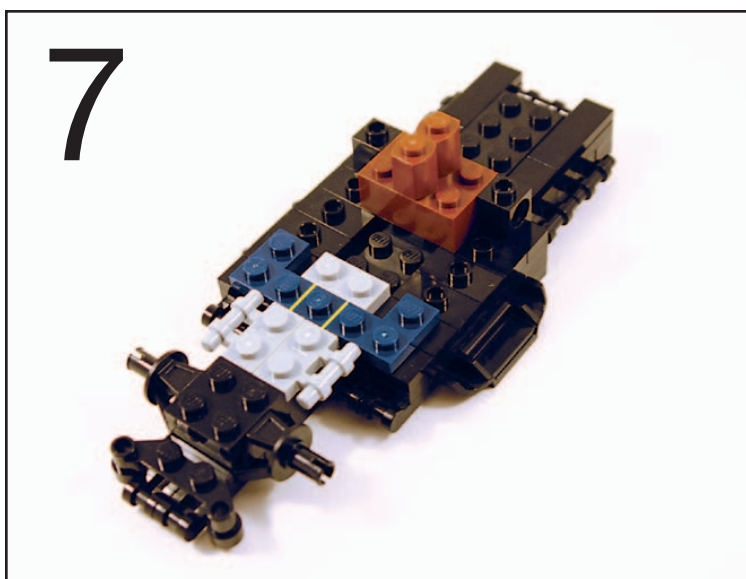
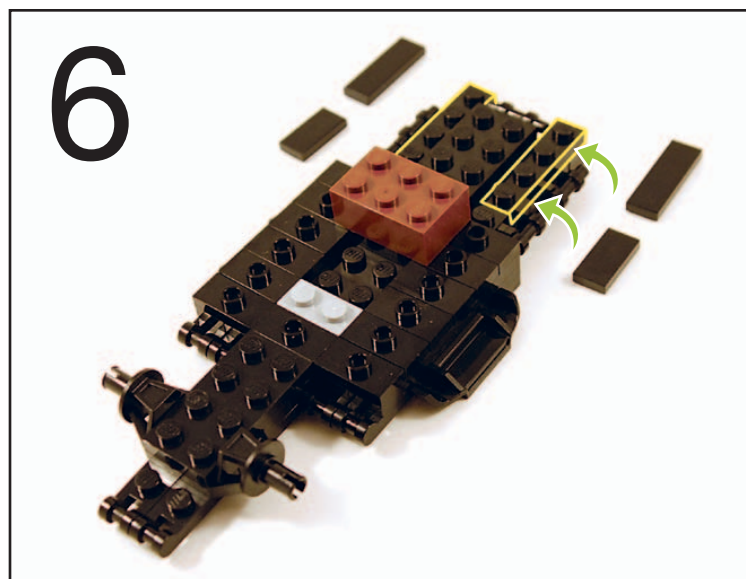
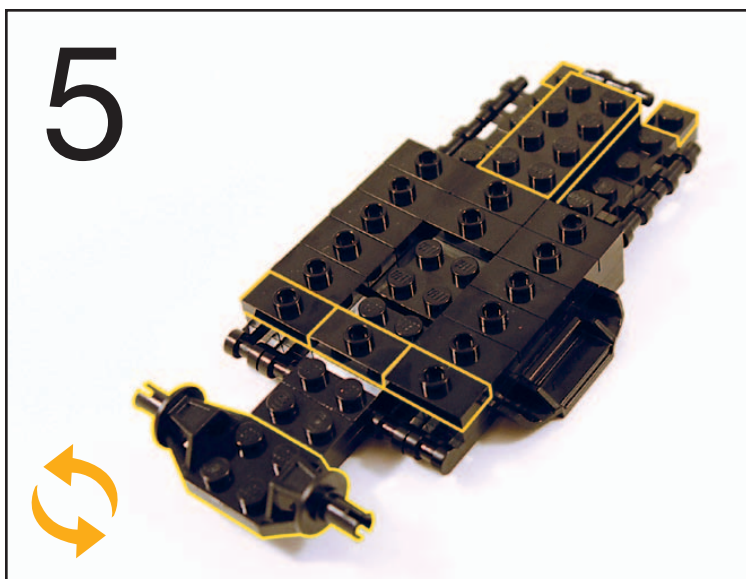
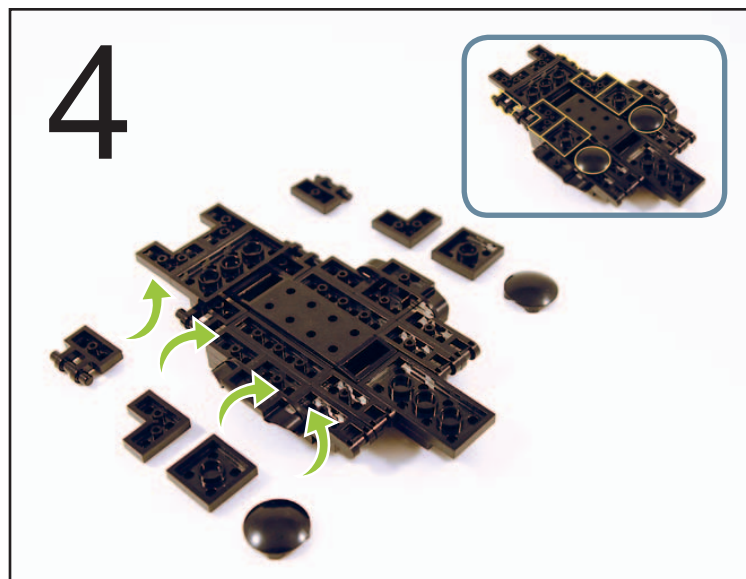
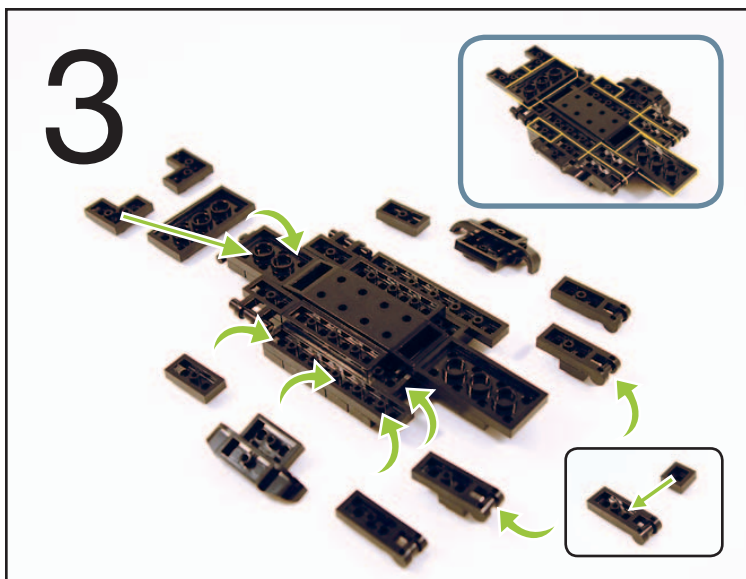
Building Tip

These light and dark blue colors might not be very common, but you can always build your truck using other colors. If you don't have the large, curved elements, try building a container for the back of your truck.

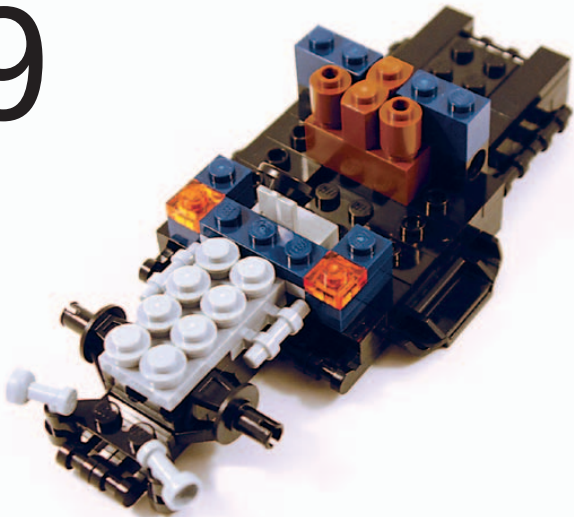


YOU NEED TO BUILD THE GUZZLER IN THREE PARTS, STARTING WITH THE CAB. EVERY VEHICLE STARTS WITH A CHASSIS. THIS ONE IS A BIT TRICKY, SO PAY ATTENTION TO THE SUBASSEMBLIES!

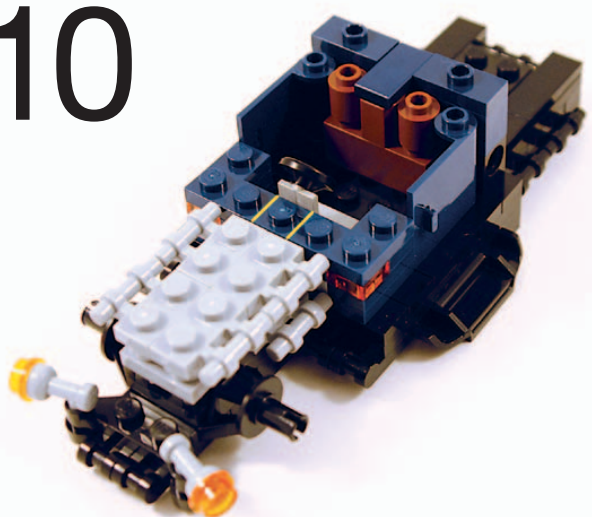




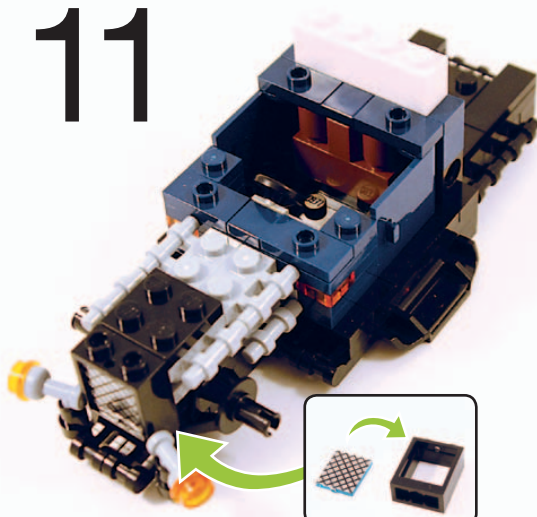
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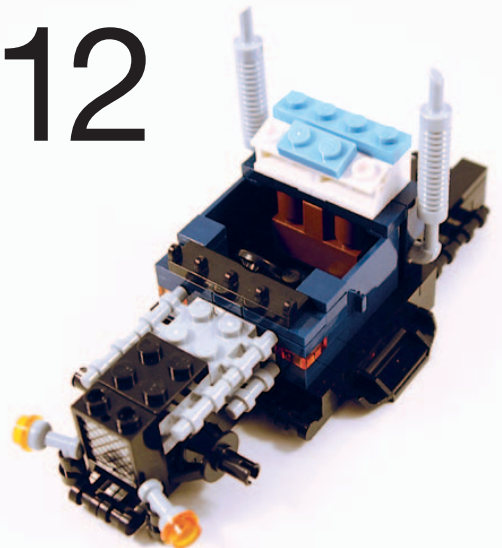
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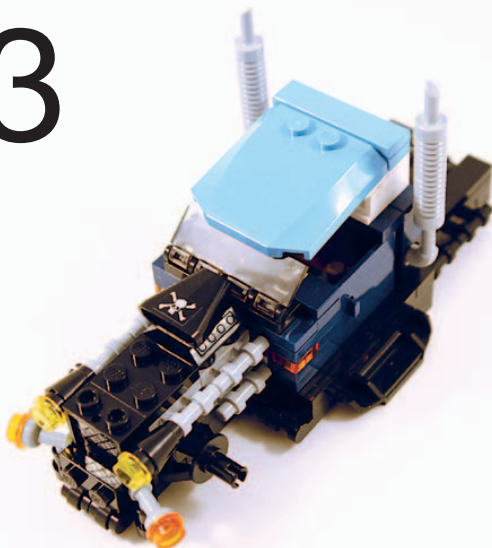
Building Tip

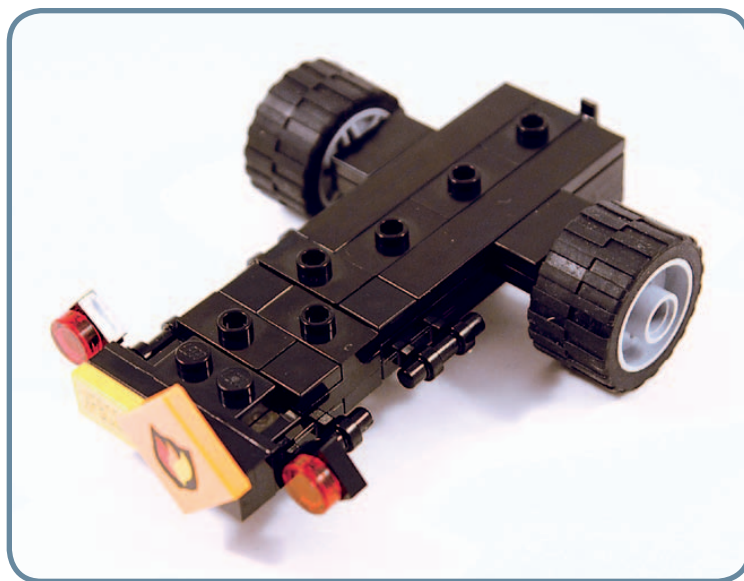
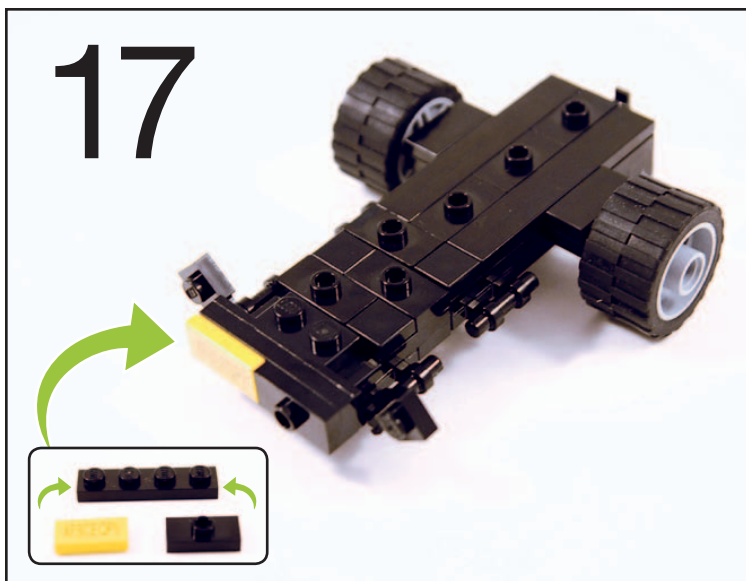
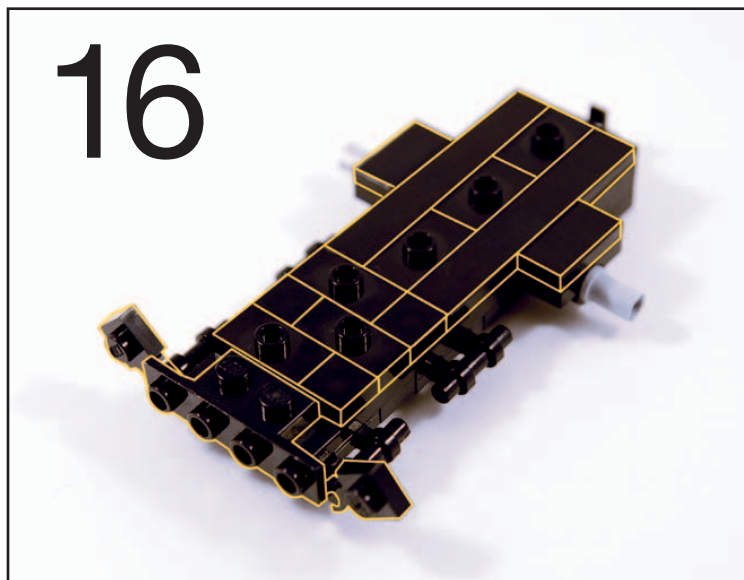
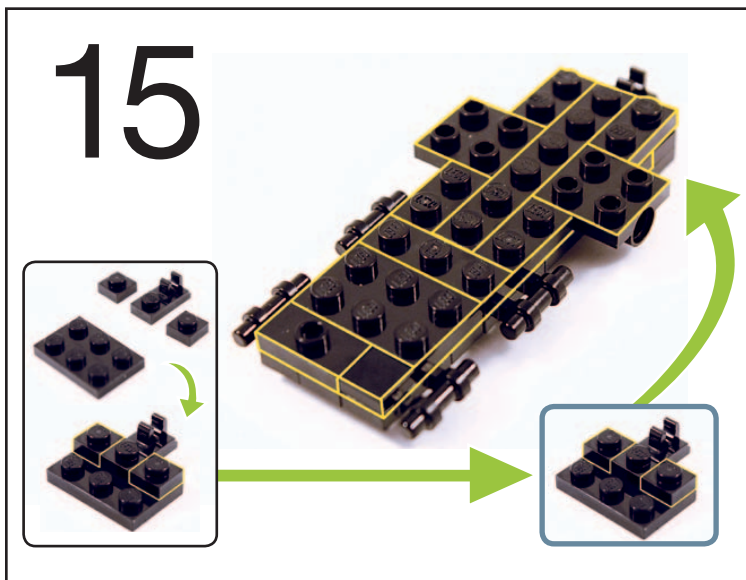
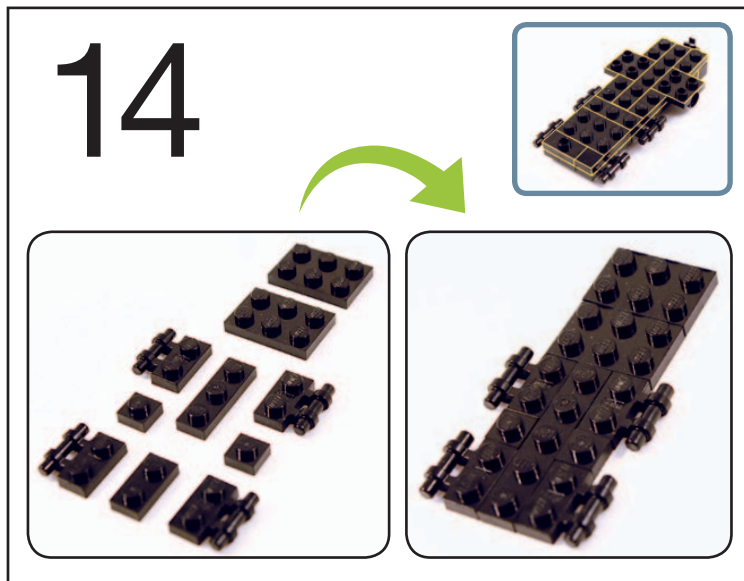
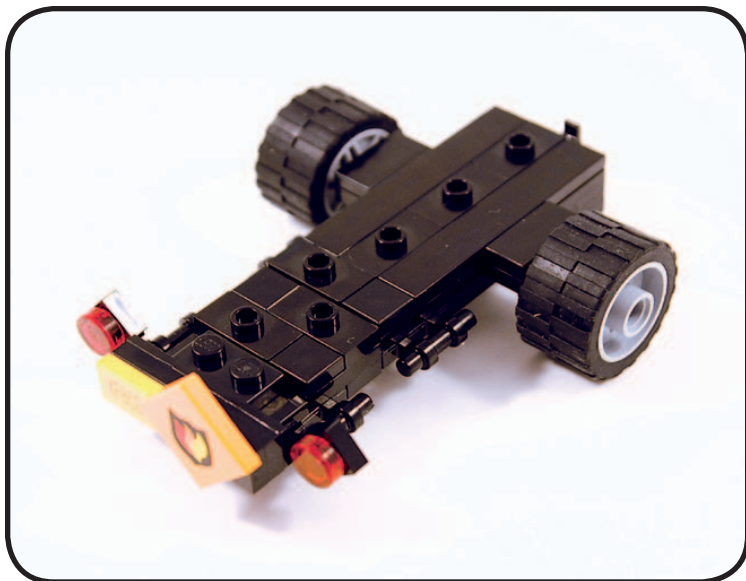
Try combining stickers of different patterns and opacity for unusual and cool effects. Don't be afraid to experiment. This grille was made from a mirror sticker with a transparent mesh sticker on top, placed on a piece of window glass.

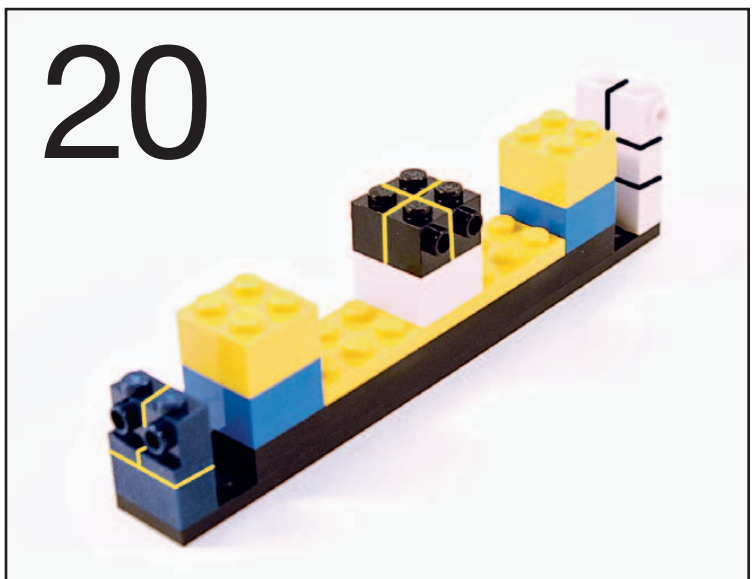
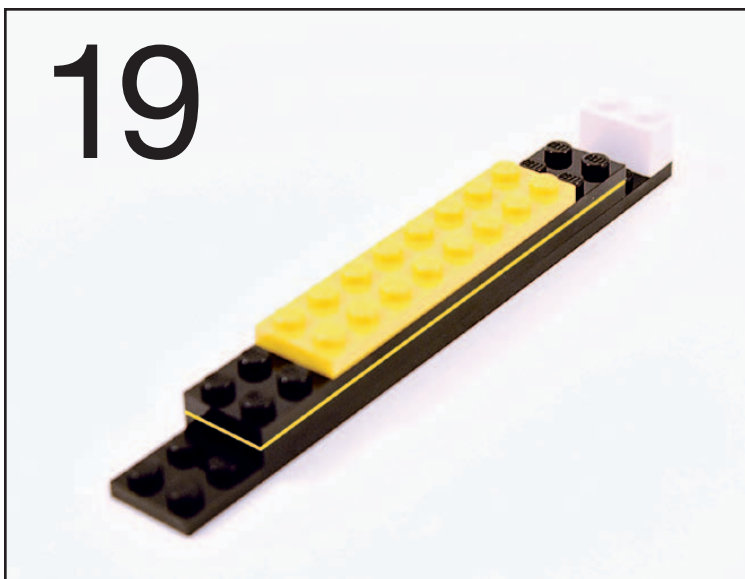
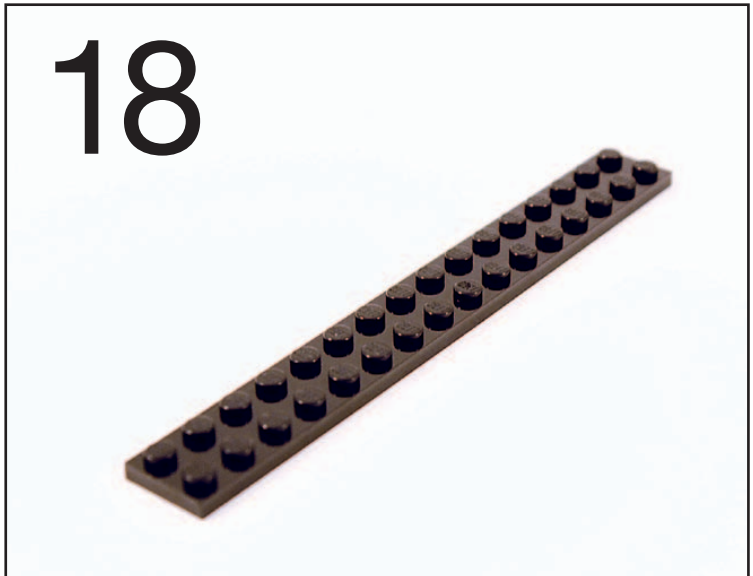
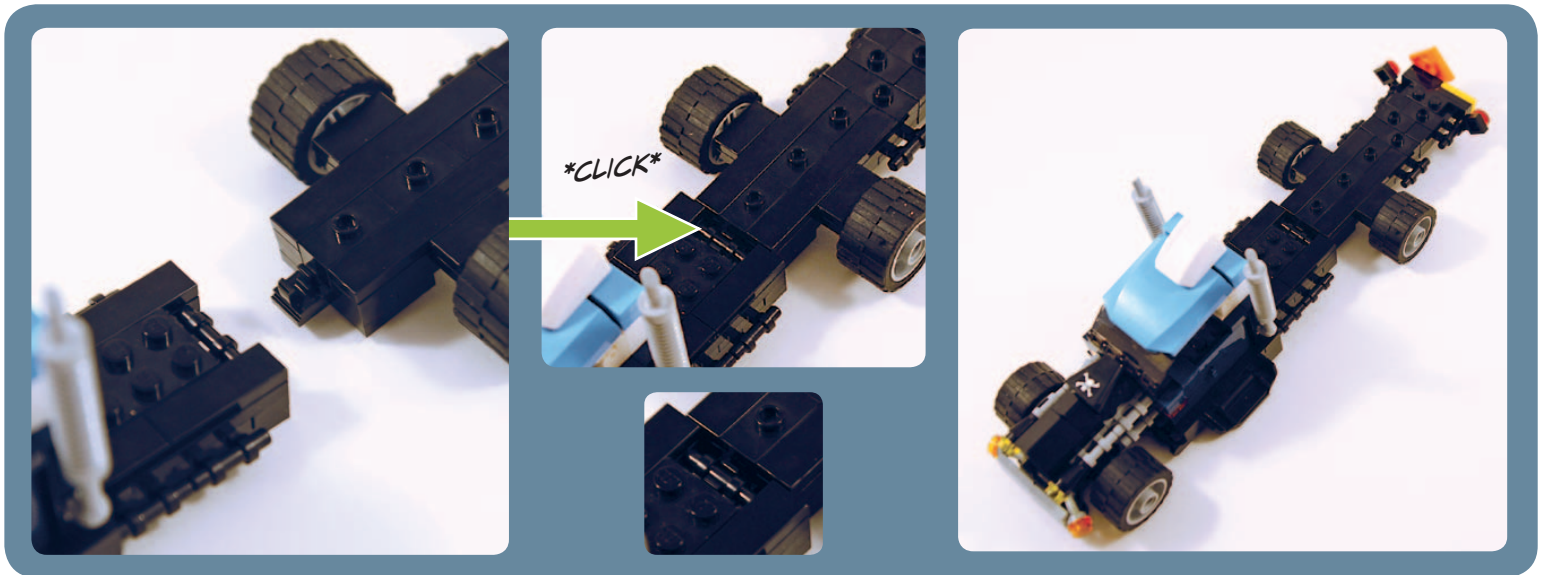
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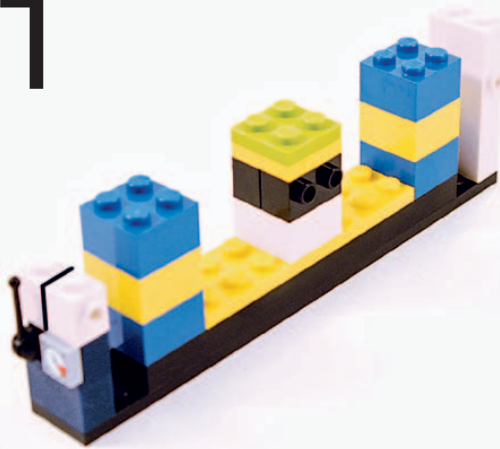
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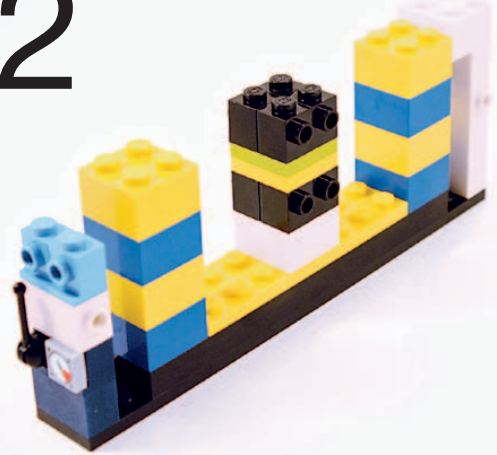




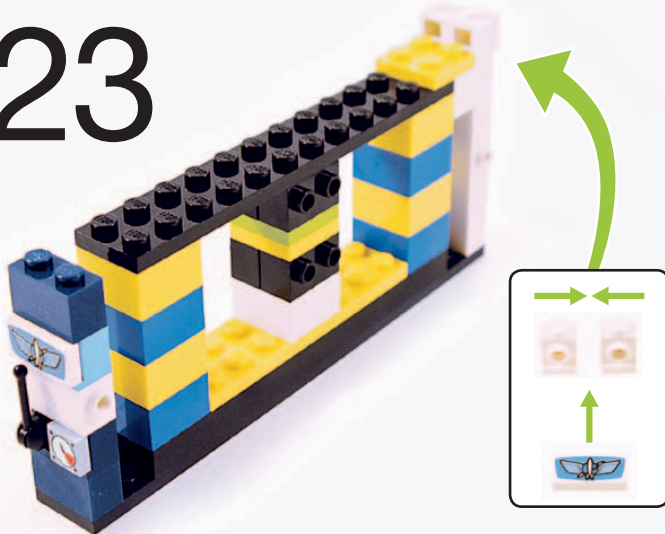
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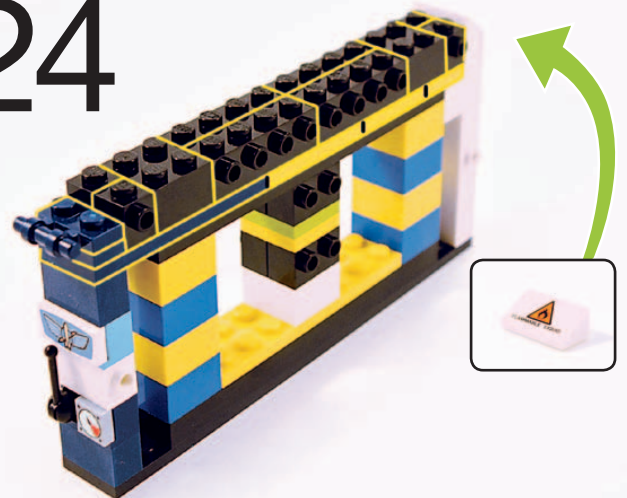
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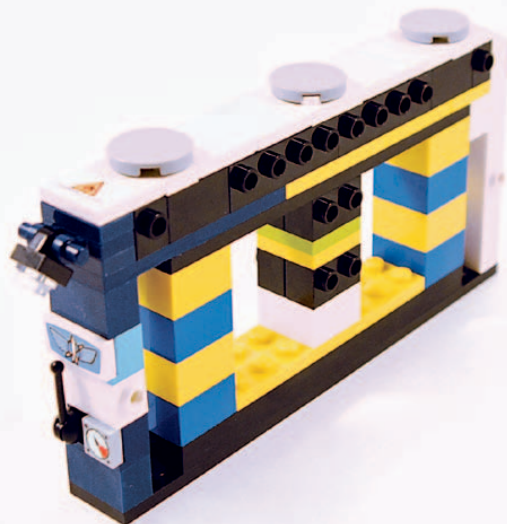
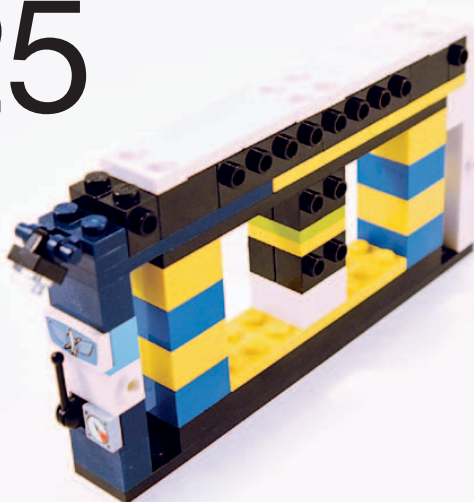
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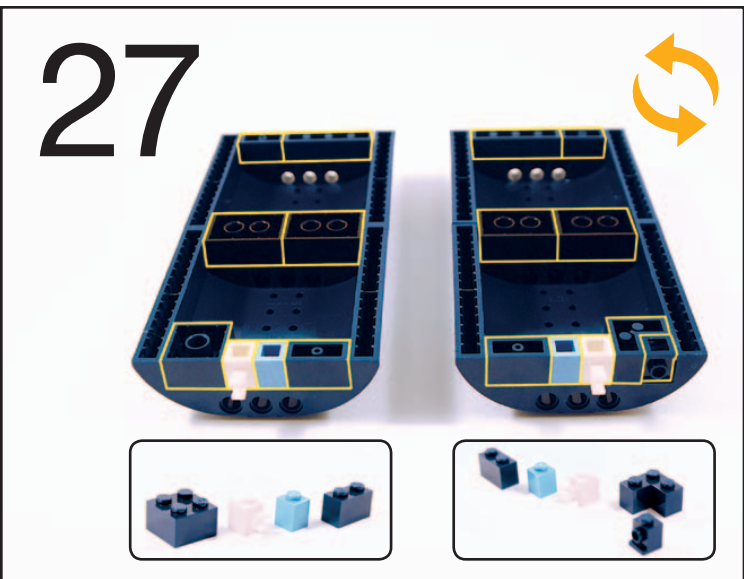
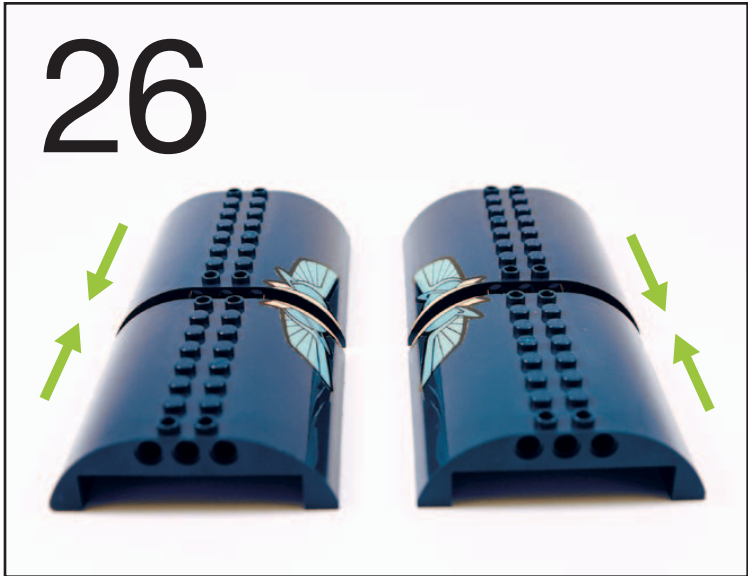
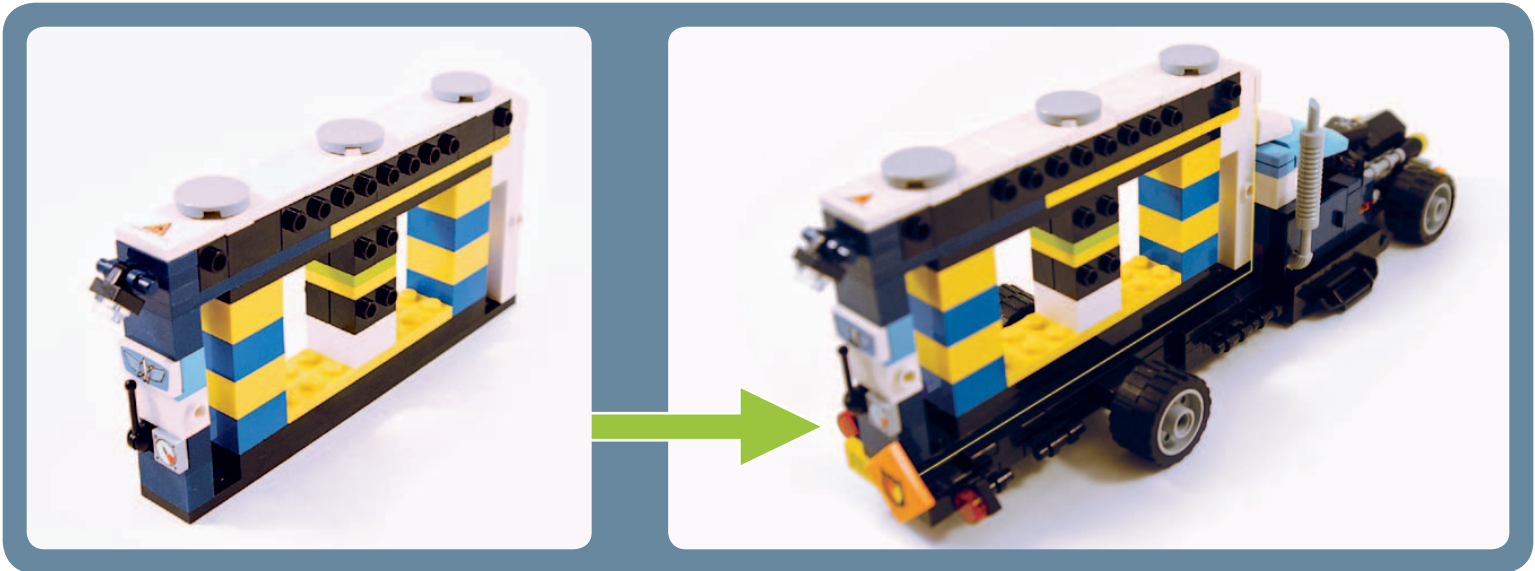


24



25

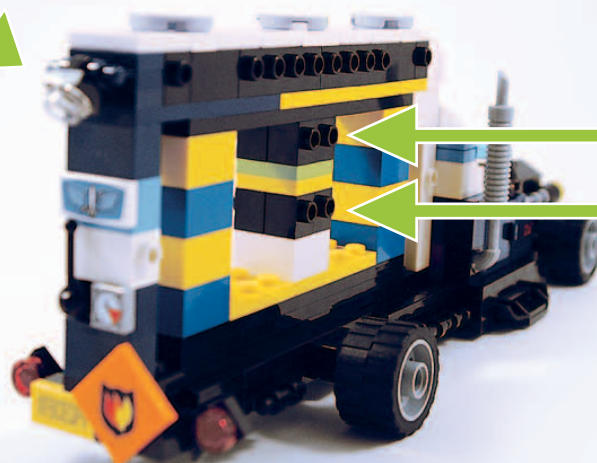






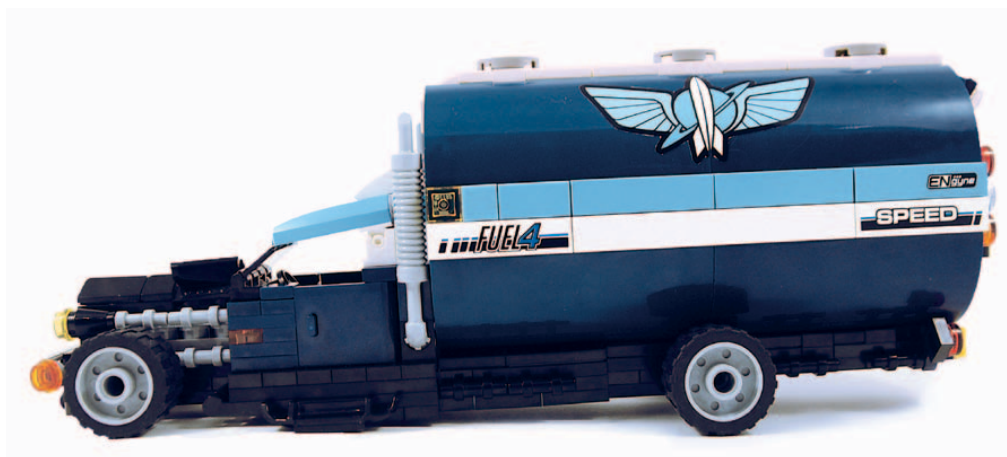
Building Tip

Some larger LEGO parts can be used in many ways, like these four curved elements taken from a LEGO plane set. Used sideways, they make a perfect tank for this rockin' gas truck.



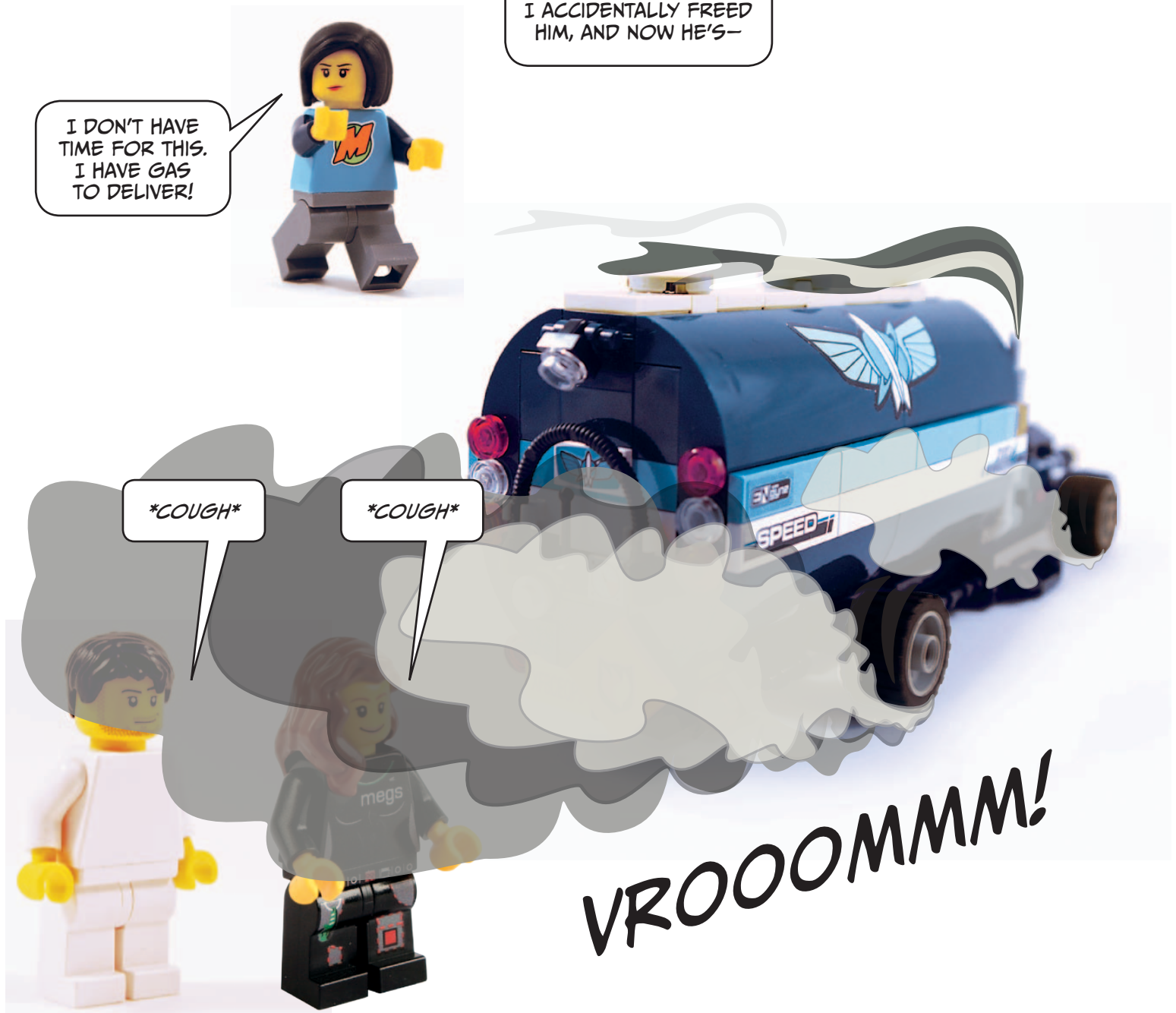
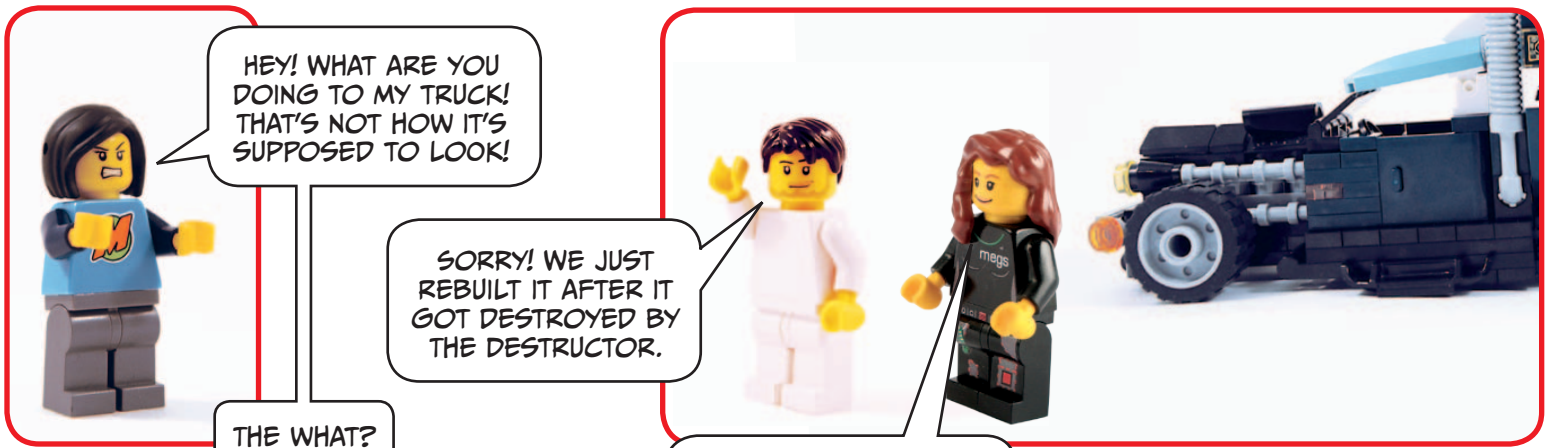
29





BUILDING JOURNAL

Are has built his tanker truck with a lot of iconic details that you would find in a real one: a long wheel base, a beefy body, smoke stacks, and a large fuel tank with a hazardous materials symbol on its rear bumper. He's combined these traditional elements with some details you'd find on a hot rod: a supercharged, exposed engine and a sleek nose. This cool idea gives the impression of speed. Maybe I should soup up my Idea Truck, too!





WELL, SO MUCH FOR
BEING HELPFUL...



YEAH, I KNOW, RIGHT?

AAARRRRRGHHH!!!

WHAT ON EARTH
WAS THAT?



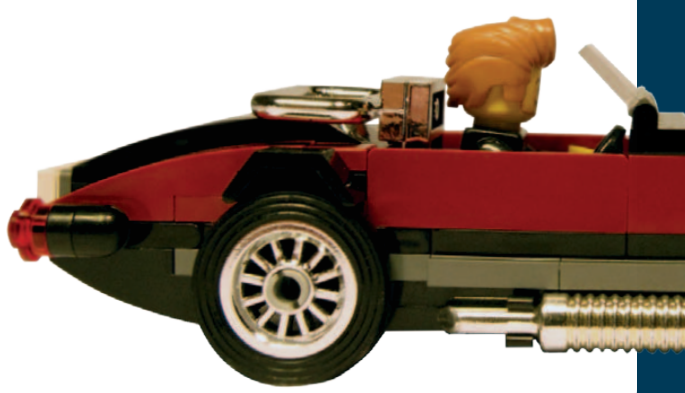
I DON'T KNOW, BUT I SUSPECT
THE DESTRUCTOR HAD SOMETHING
TO DO WITH IT. WELL, EVERYTHING
SEEMS TO BE FINE HERE NOW, SO
I'M GOING TO GO CHECK IT OUT!



GOOD LUCK, MEGS, AND
BE CAREFUL! MAYBE YOU
COULD HITCH A RIDE WITH
THAT GUY. HE SEEMS TO BE
HEADED THAT WAY, TOO.



I WILL! THANKS FOR
THE TOUR, ARE.
SEE YOU AROUND!



HMM, THIS MUST BE
WHERE THAT NOISE
CAME FROM!

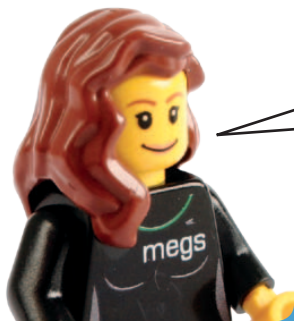
OH HALLO!
HOE GAAT HET?

AH...HELLO?
I'M MEGS.

OH, SORRY! THAT'S HOW WE
GREET EACH OTHER HERE.
HELLO, HOW'S IT GOING,
MEGS? I'M ARJAN!

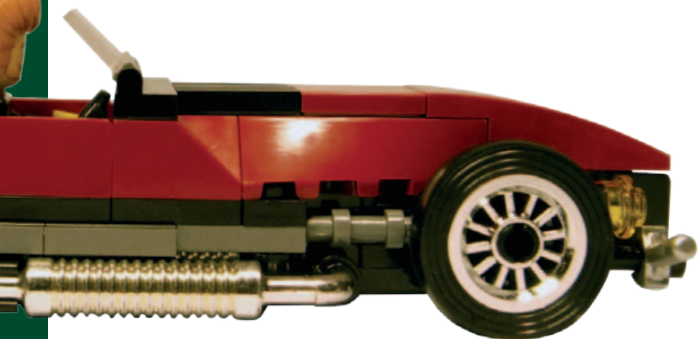
WELL, I THINK
IT'S GOING
BETTER FOR
ME THAN YOU
RIGHT NOW...

YEAH, MY SHIP
HAS SEEN BETTER
DAYS...A MYSTERIOUS
FORCE JUST RIPPED
THROUGH HERE, AND
NOW MY LOVELY FERRY
IS AFGEBOKEN, ER,
BROKEN APART!



THE DESTRUCTOR
HAS STRUCK
AGAIN! BUT I CAN
HELP YOU FIX IT!

OH, THAT WOULD BE
GREAT OF YOU! LET'S
SORT OUT ALL THESE
BRICKS AND THEN REBUILD
MY FERRY. IT REQUIRES A
LOT OF LEGO BRICKS.



A Ferry Nice Build



Arjan Oude Kotte

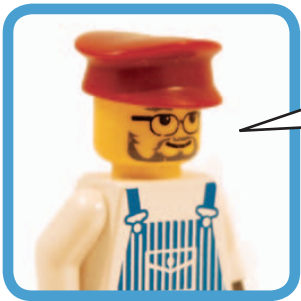
Nickname: Konajra

Profession: Bicycle Mechanic

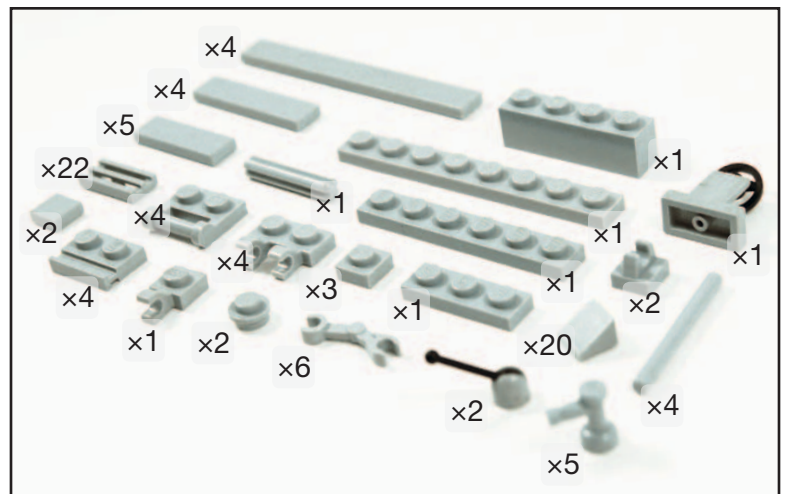
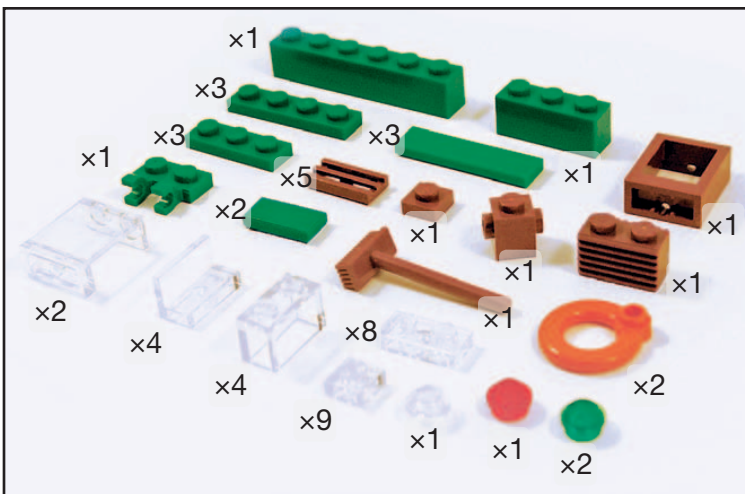
Nationality: Dutch

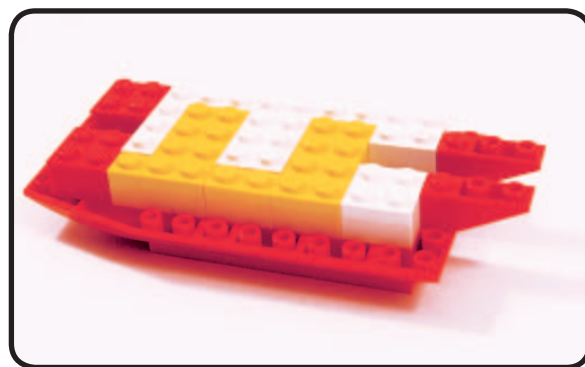
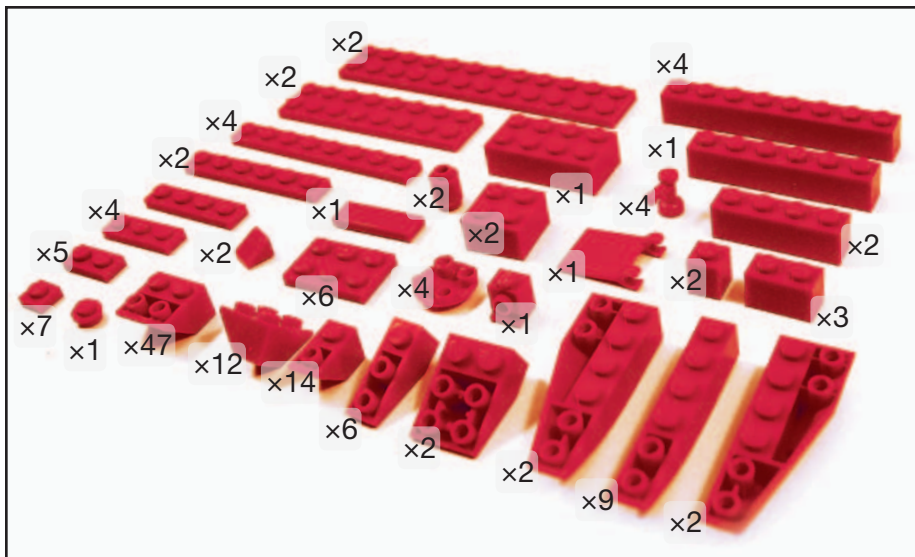
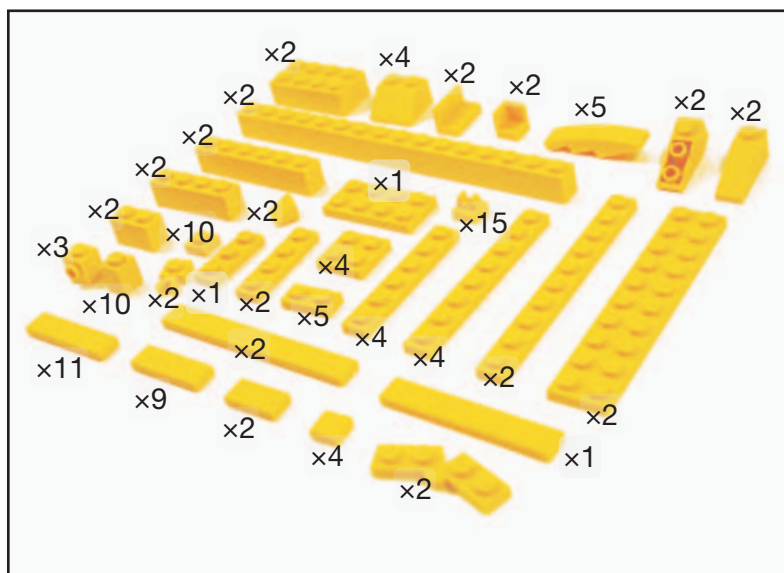
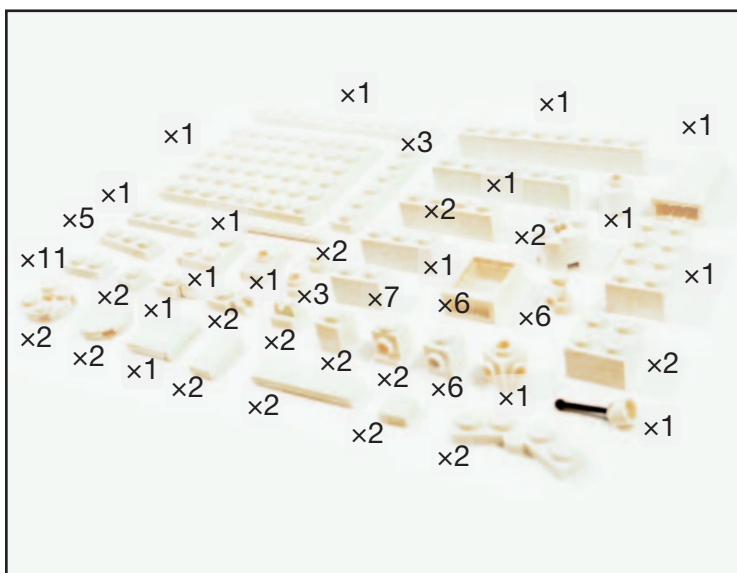
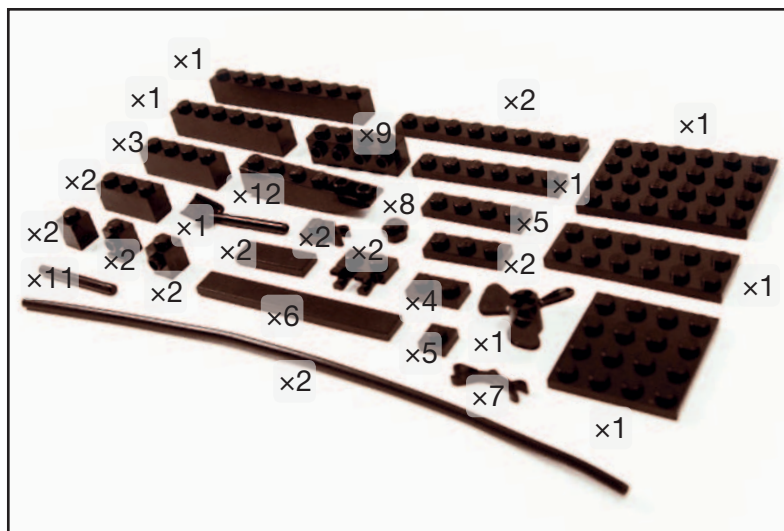
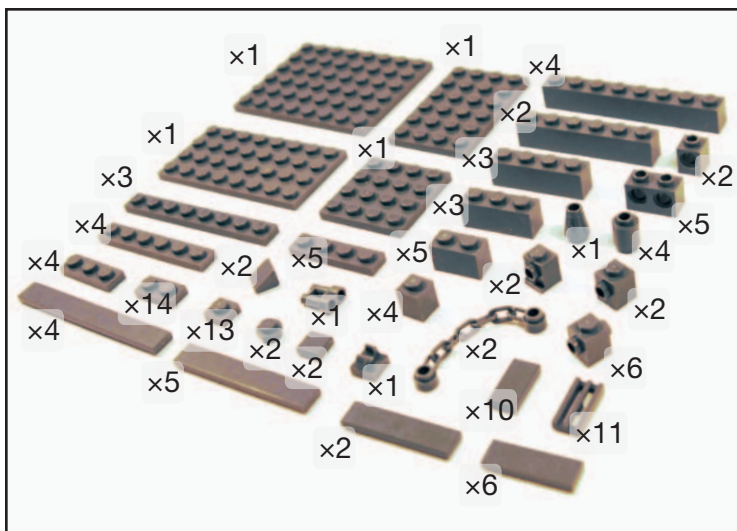
Websites: www.konajra.com/
www.flickr.com/photos/konajra/sets/

Car Ferry

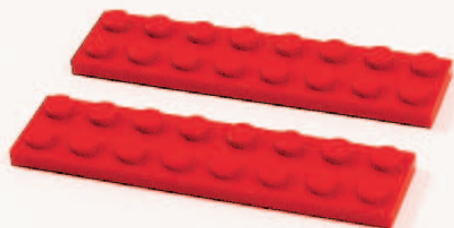


IF YOU WISH TO BUILD MY FERRY, YOU'LL NEED TO PUT ON YOUR ENGINEER'S THINKING CAP. I WOULD RECOMMEND THIS MODEL FOR AN INTERMEDIATE BUILDER. GOOD LUCK!

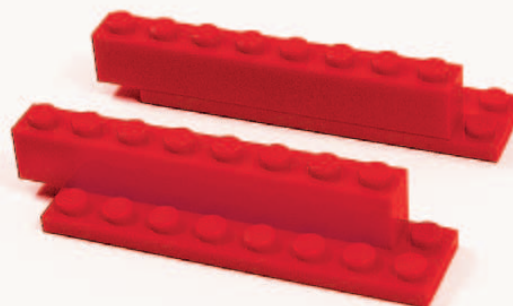




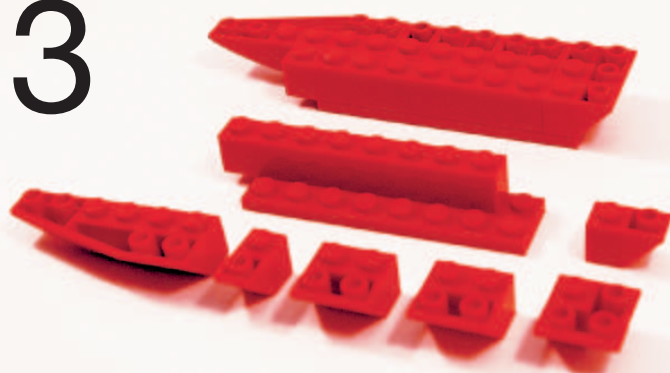
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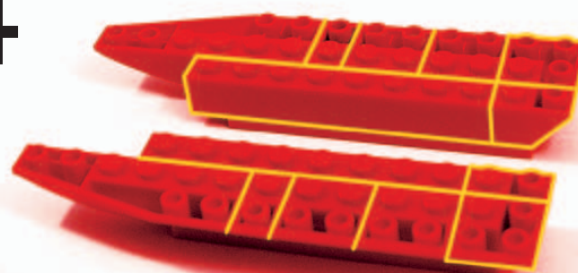
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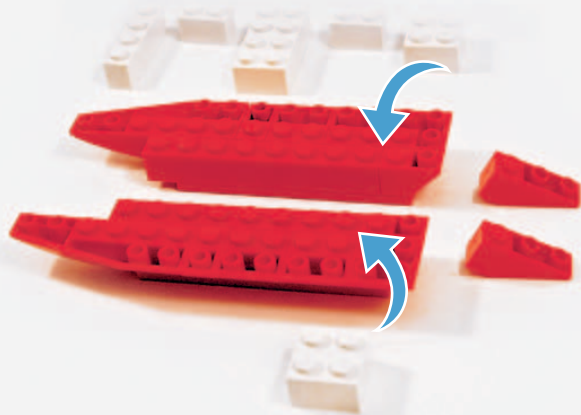
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4



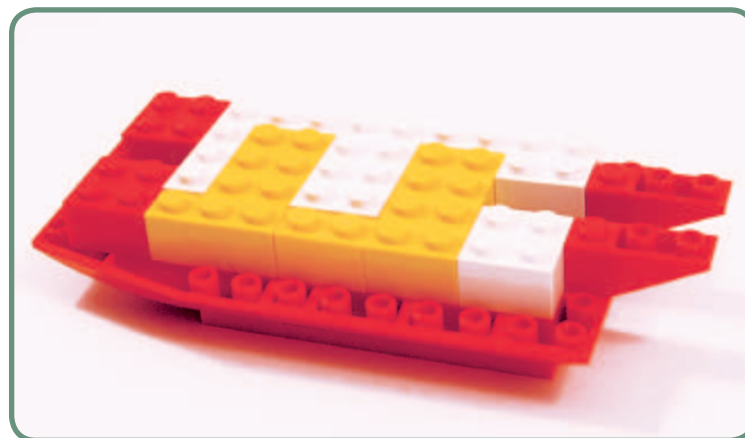
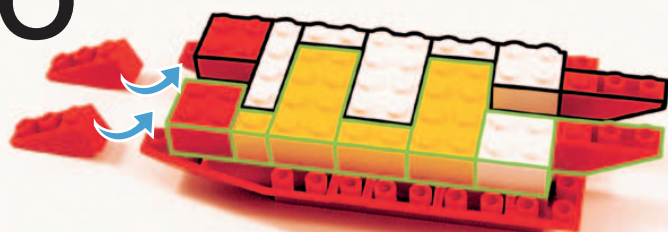
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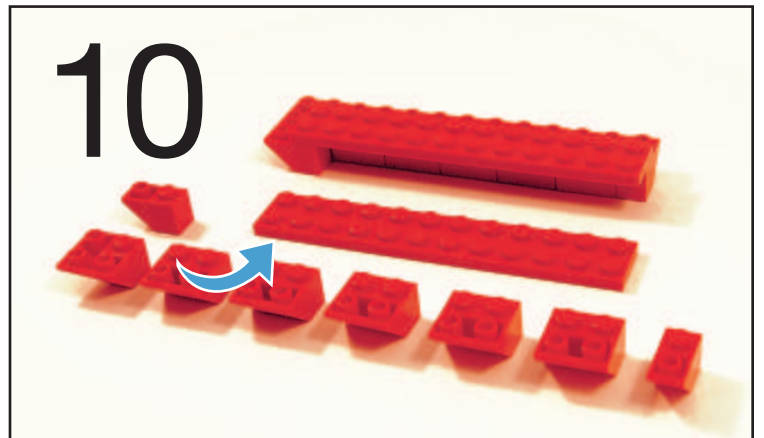
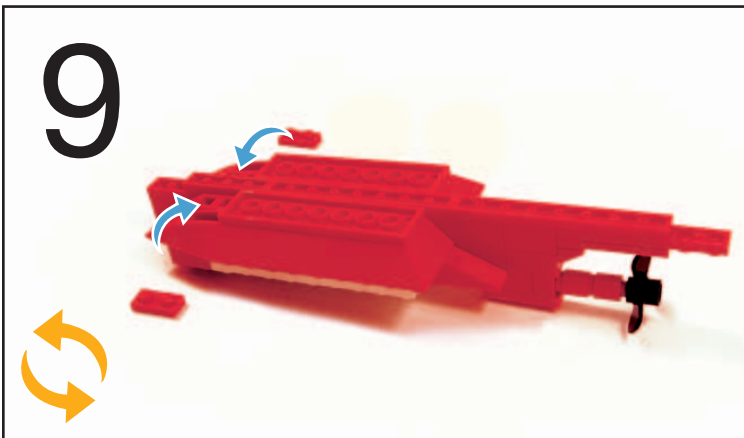
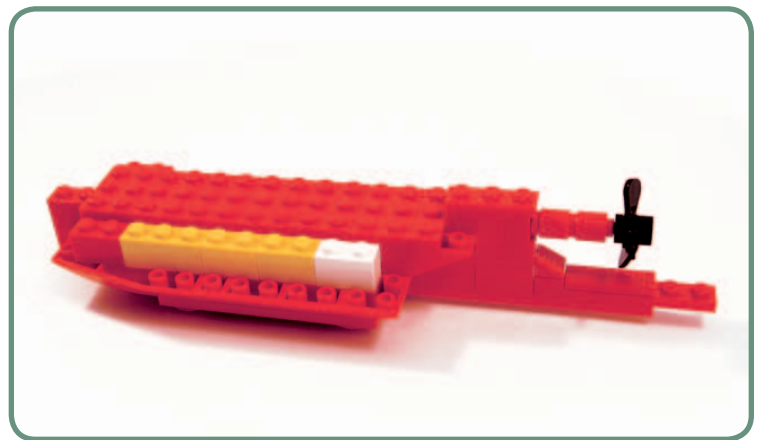
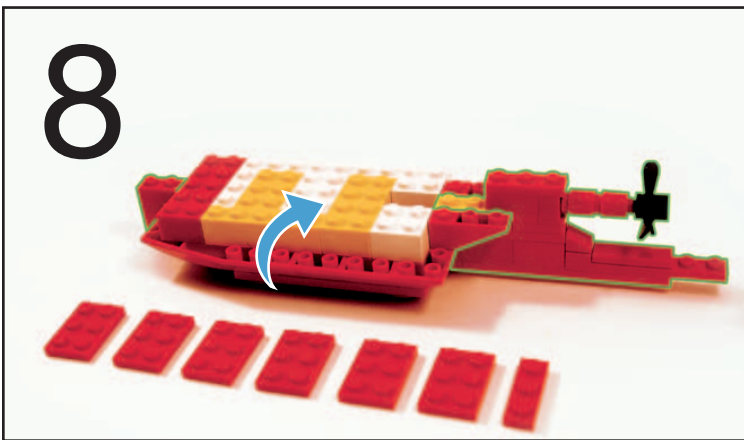
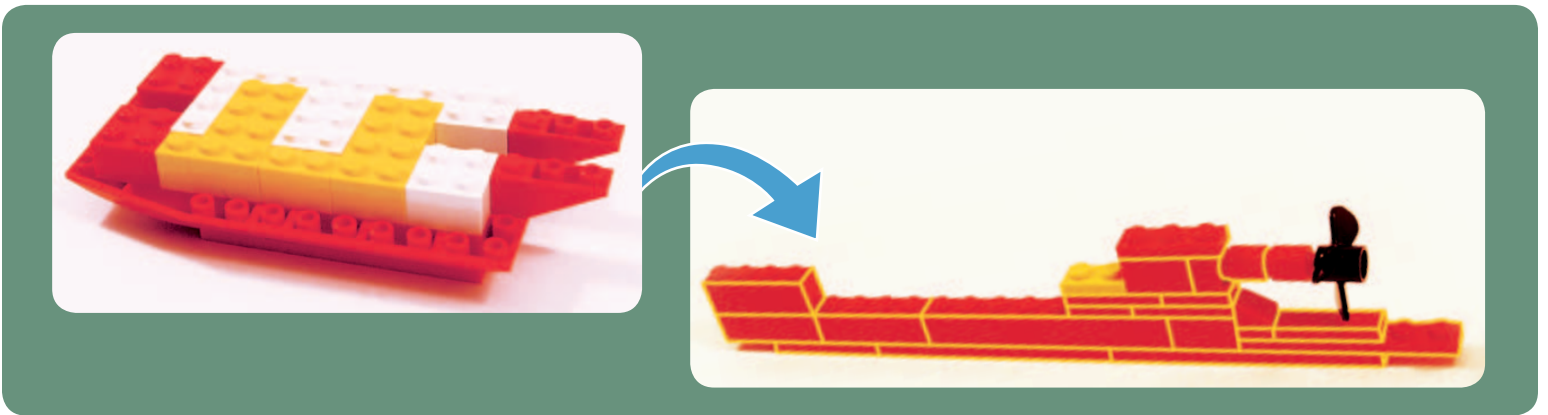
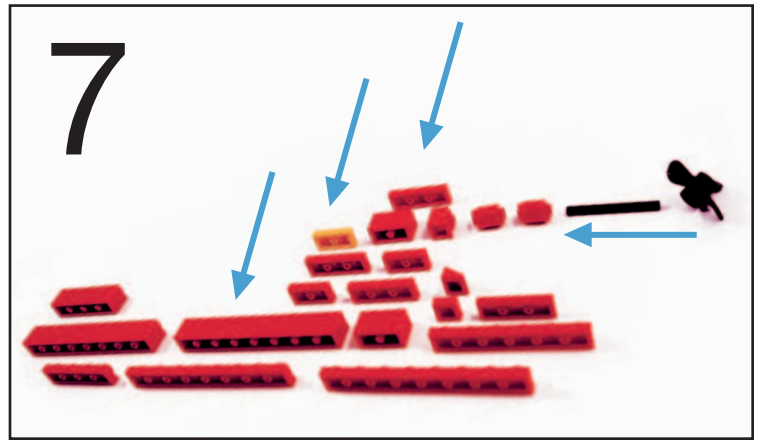
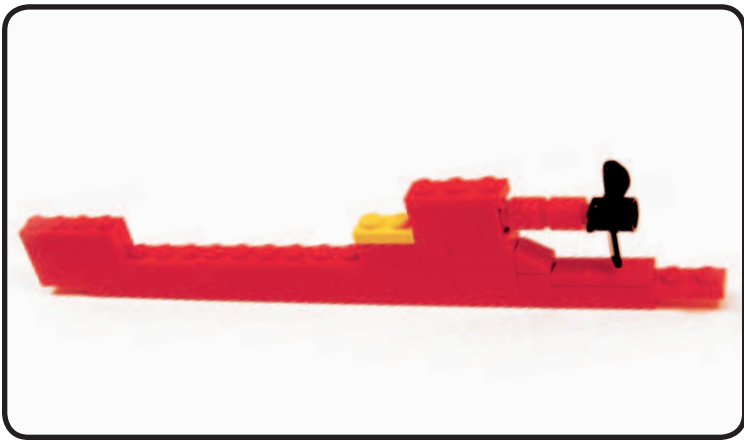


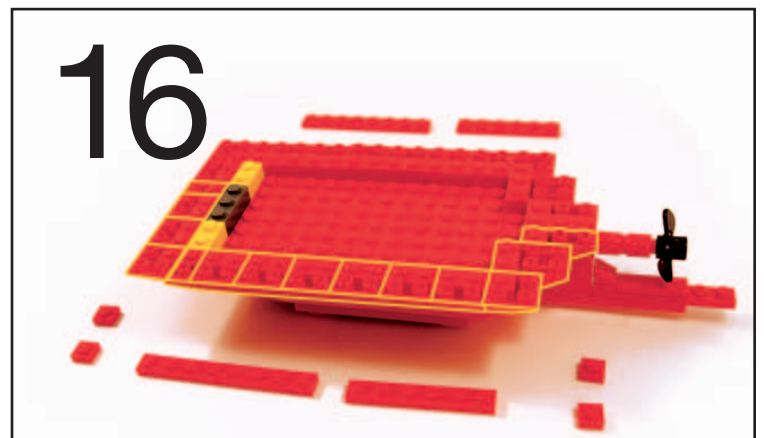
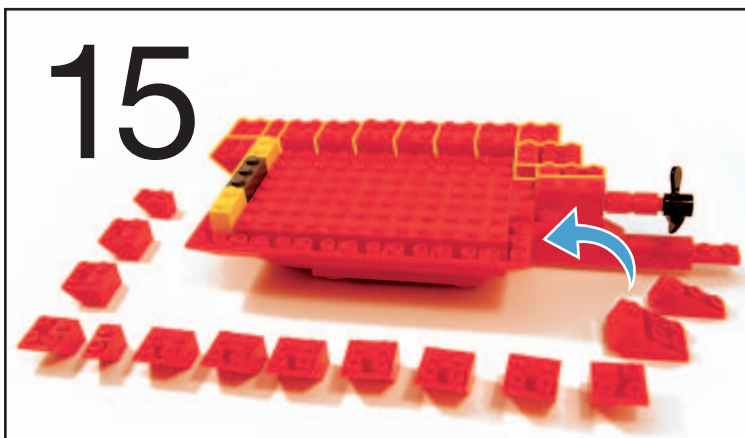
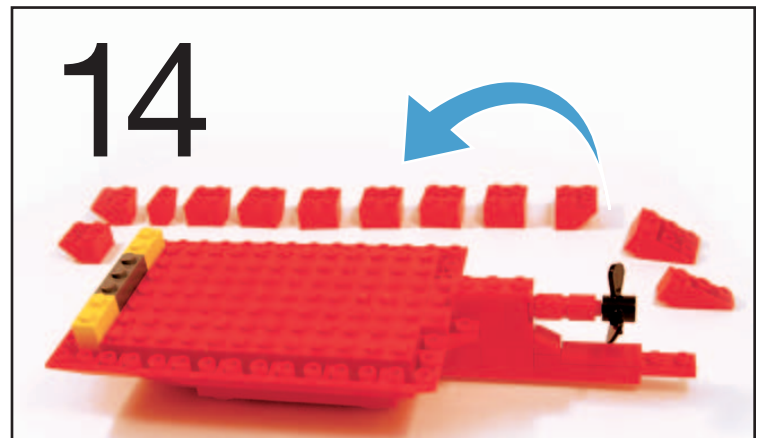
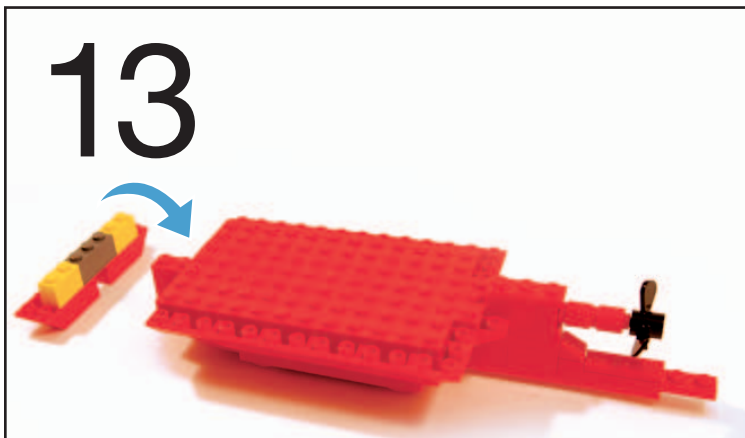
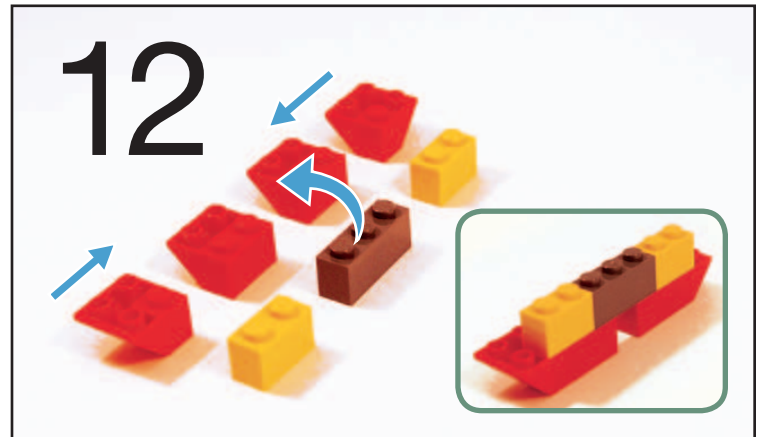
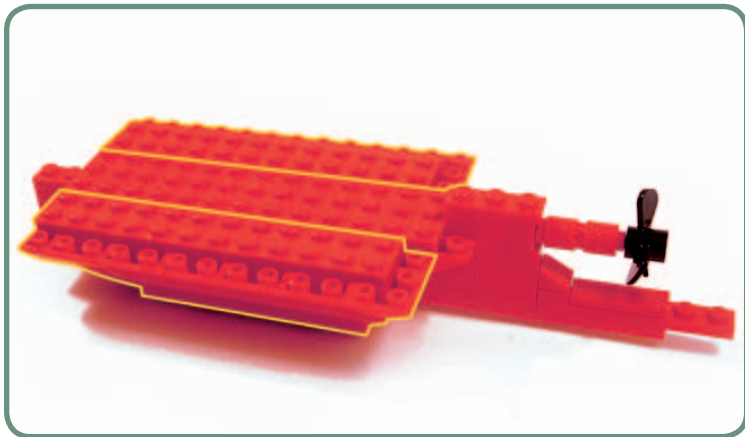
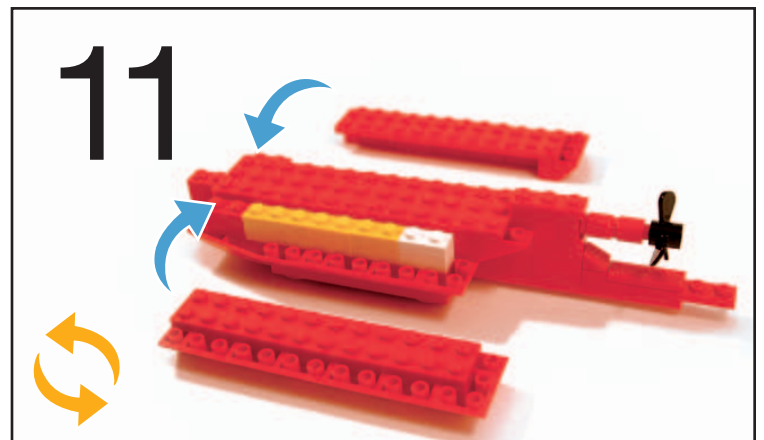
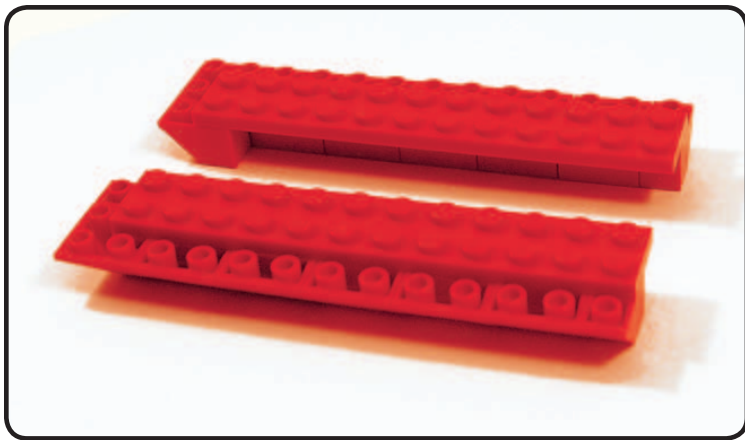
Building Tip

Alternating slopes by one stud on each layer helps to lock the layer below. This increases stability and makes for a better build. This technique works for both inverse slopes like these and for regular slopes such as that of a roof top.

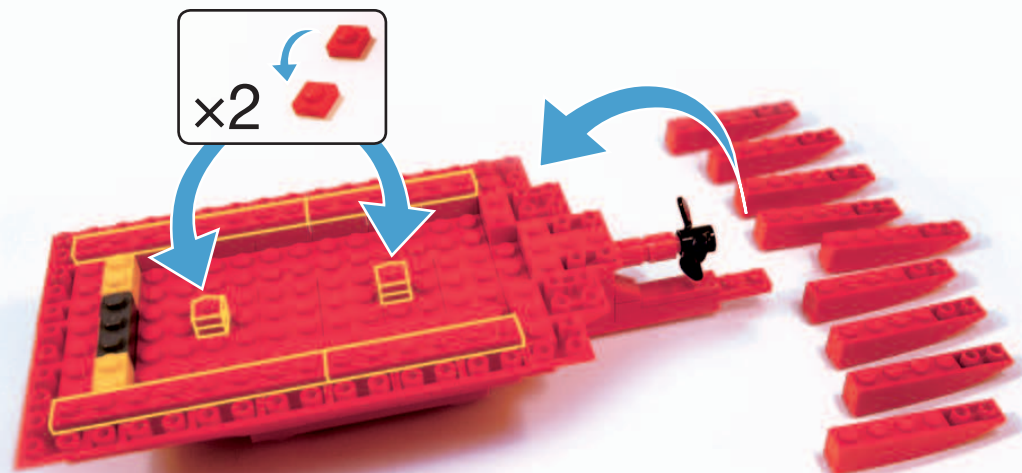
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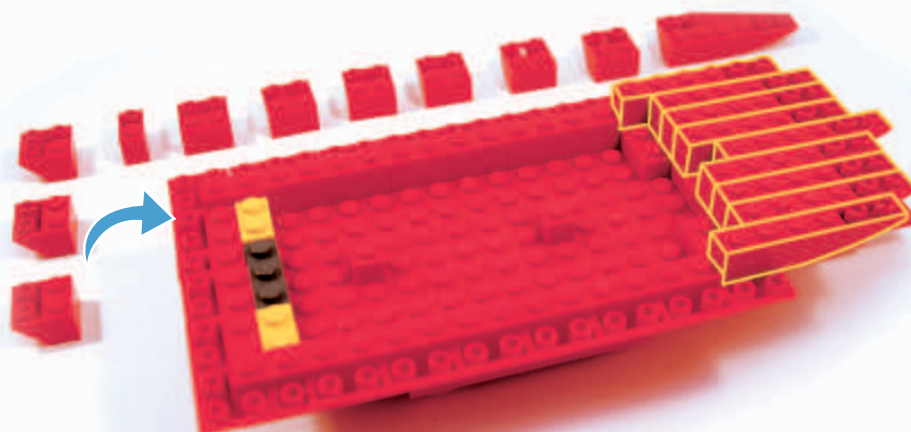




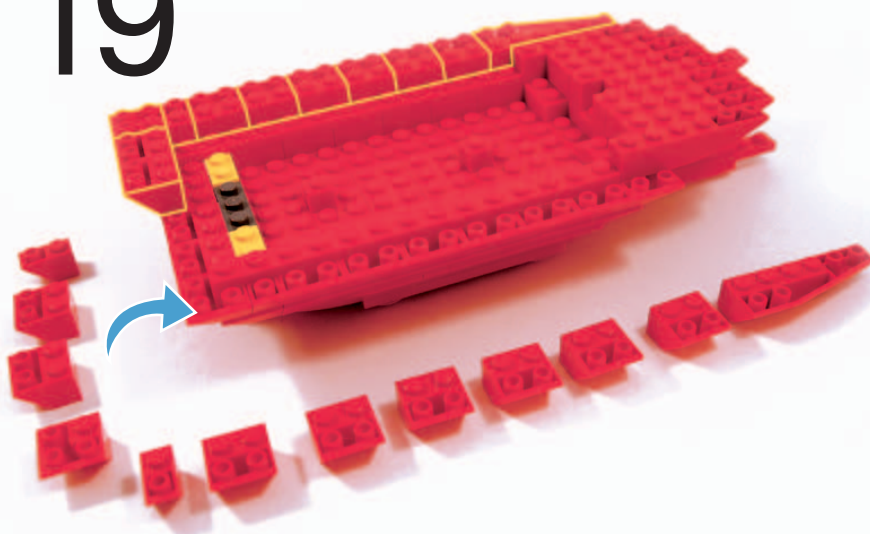
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18

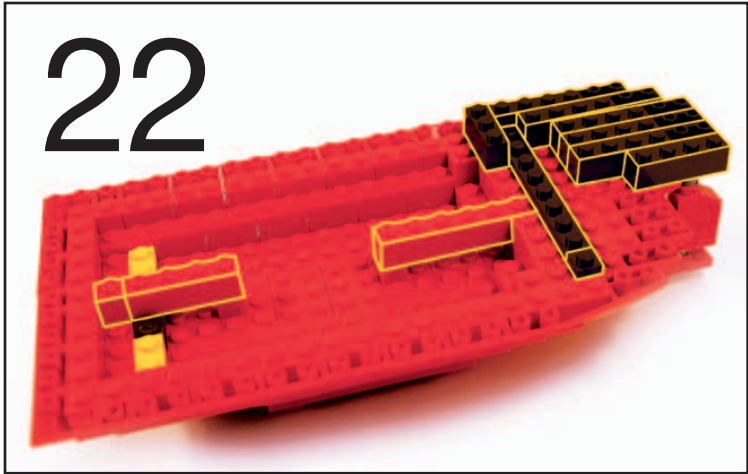
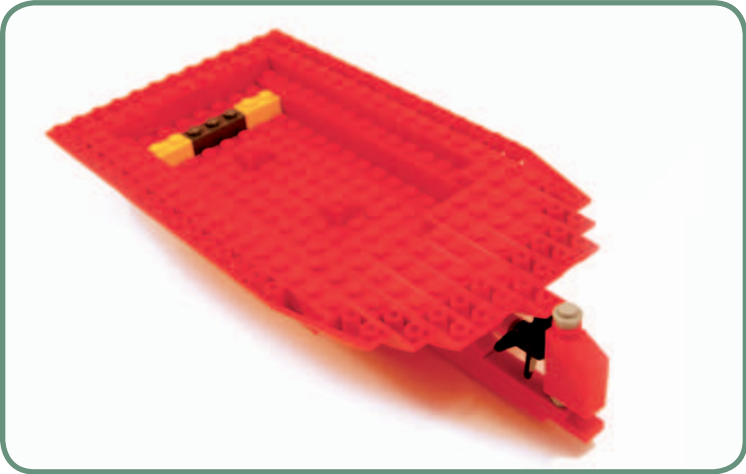
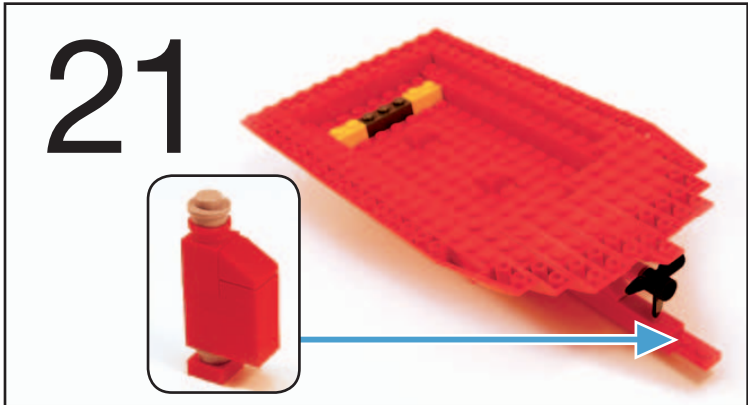
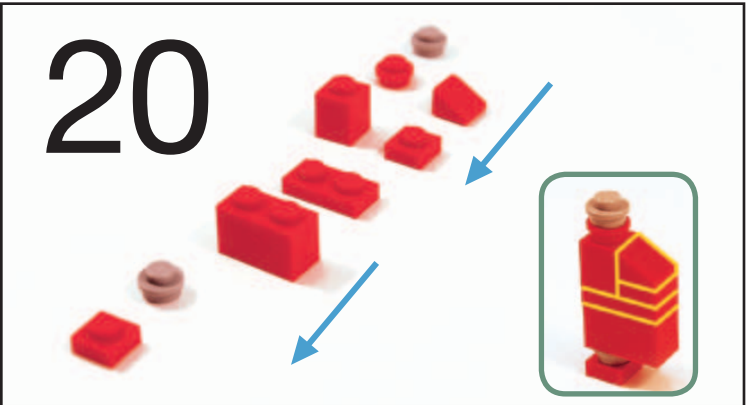
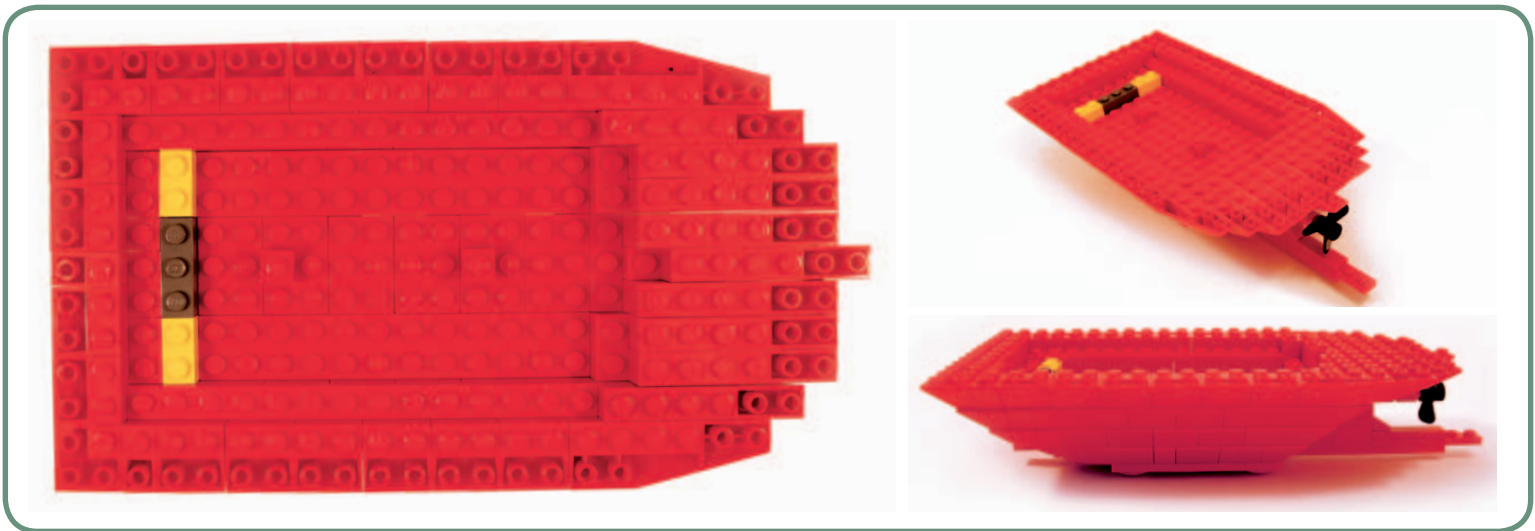


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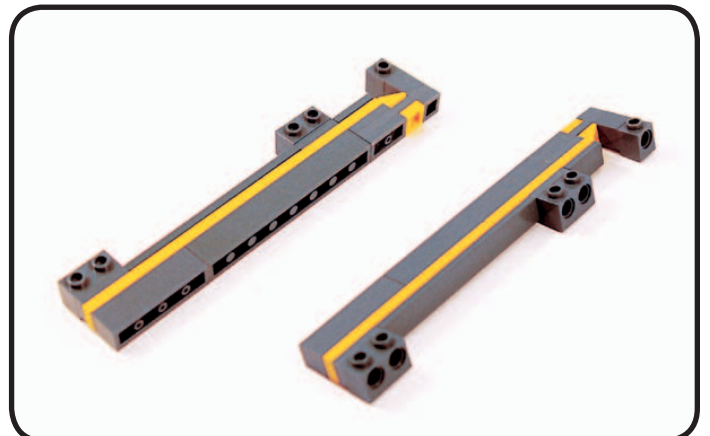
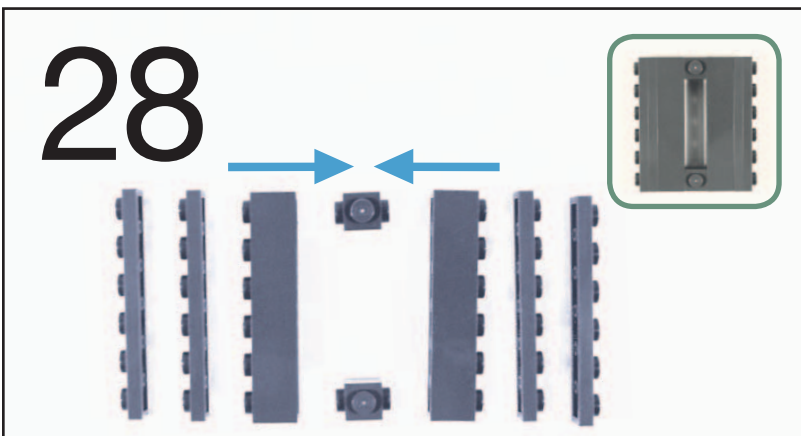
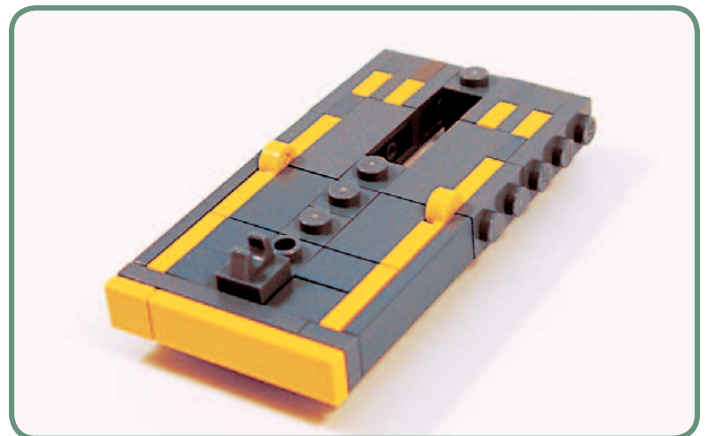
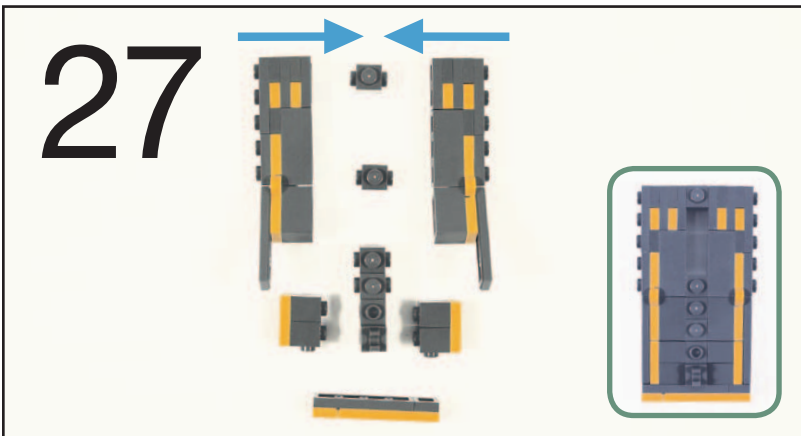
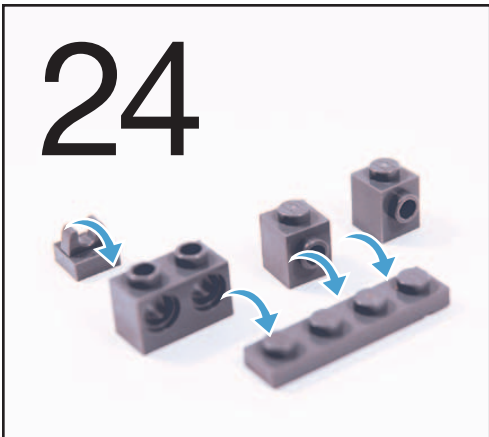
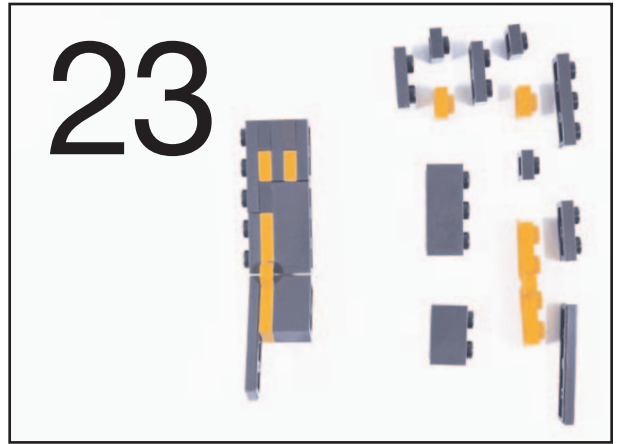
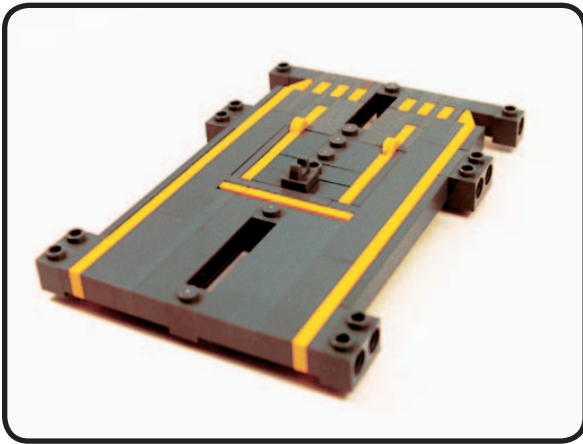
BUILDING JOURNAL

Arjan and I talked a lot as we rebuilt his ferry. He told me he likes to put lots of details into every model at the beginning of the build. That way, he can tell if it will turn out the way he wants. Most of his LEGO models are quite large, but they are all minifigure scale and have a lot of functions that are found on a real vessel. I think his models are incredible!

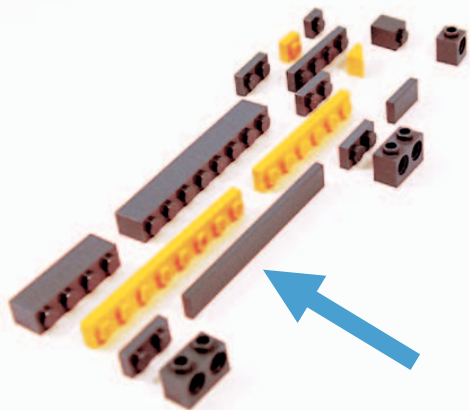


BUILDING JOURNAL

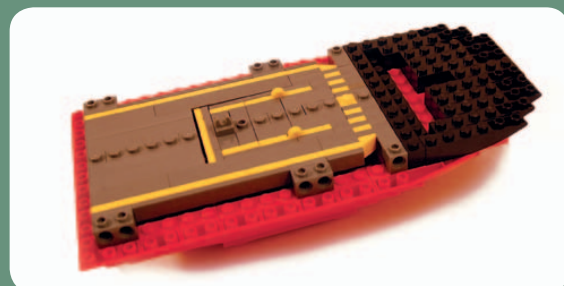
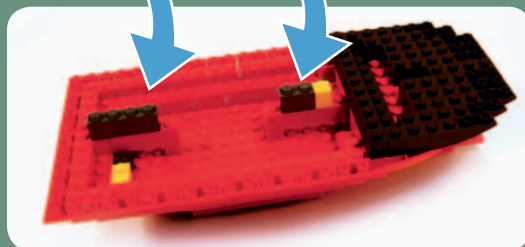
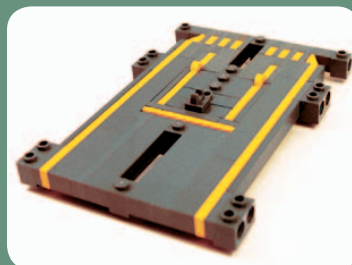
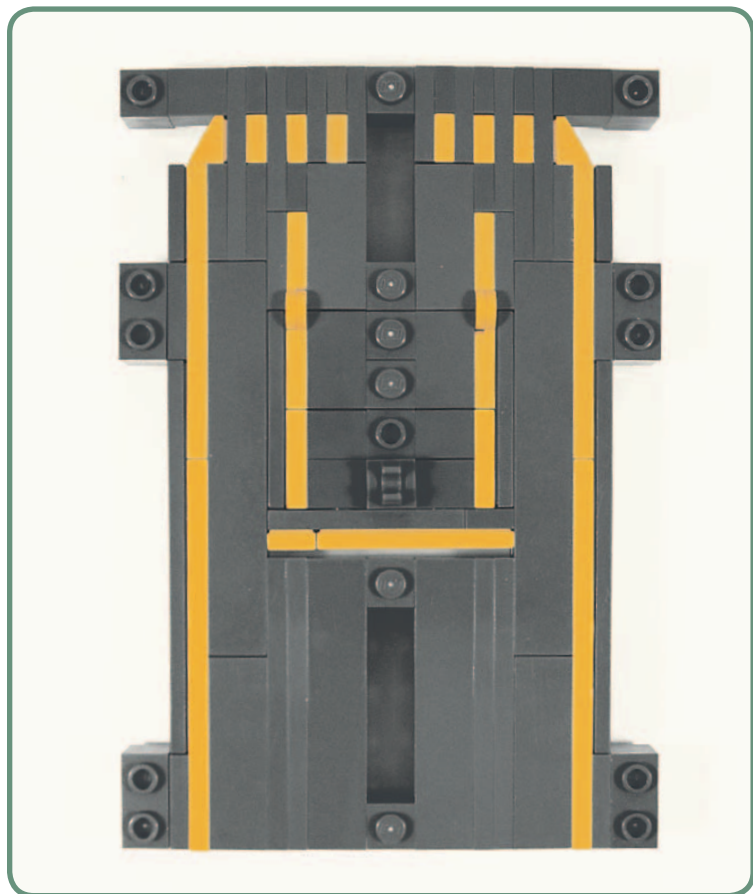
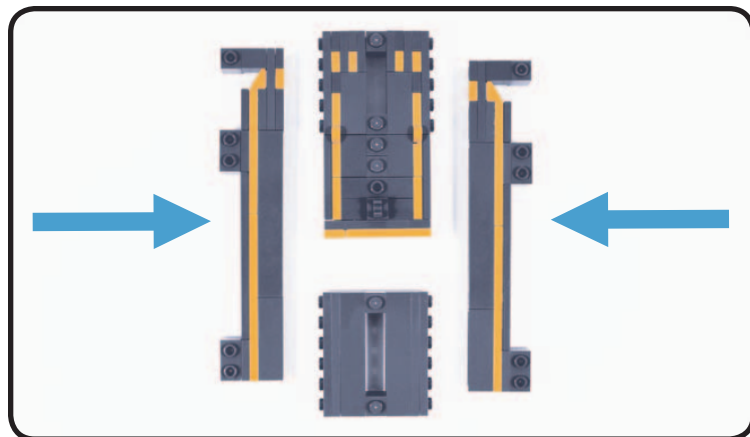
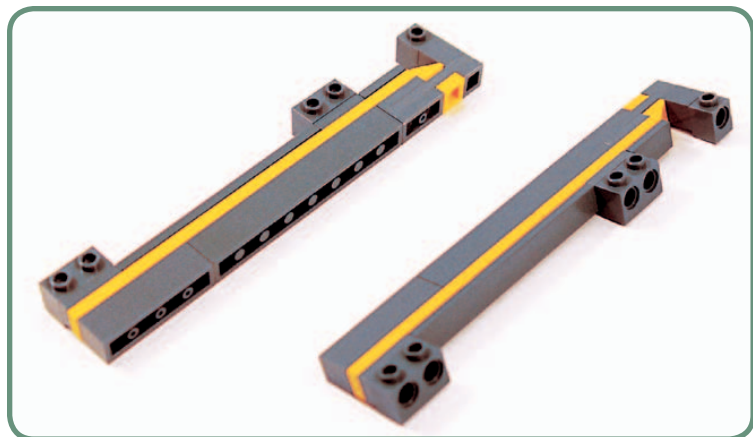
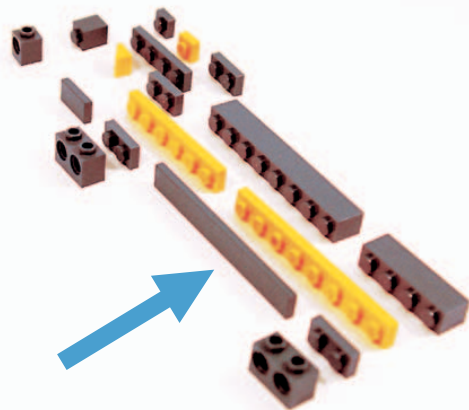
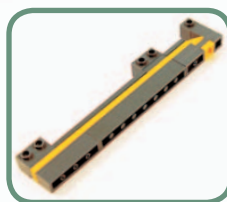
Arjan is partial to industrial machines, like ships used for fishing or transportation, that will get dirty, beaten up, and rusty. He often builds replica models, using references images from the Internet. When he finds something he wants to build, he looks for detailed plans or technical drawings so he can re-create it at a 1:40 scale.

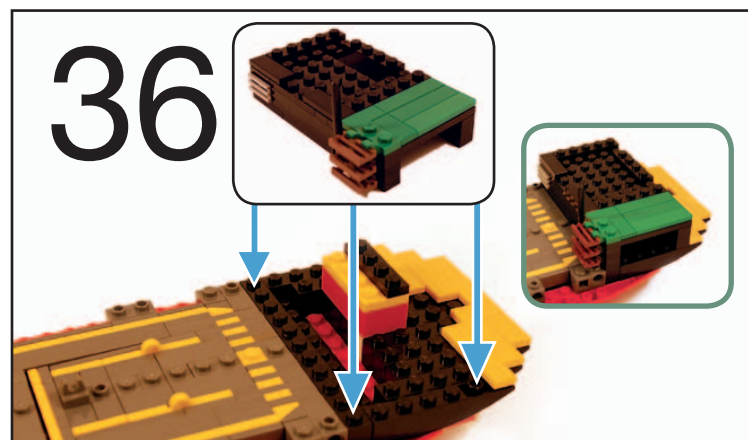
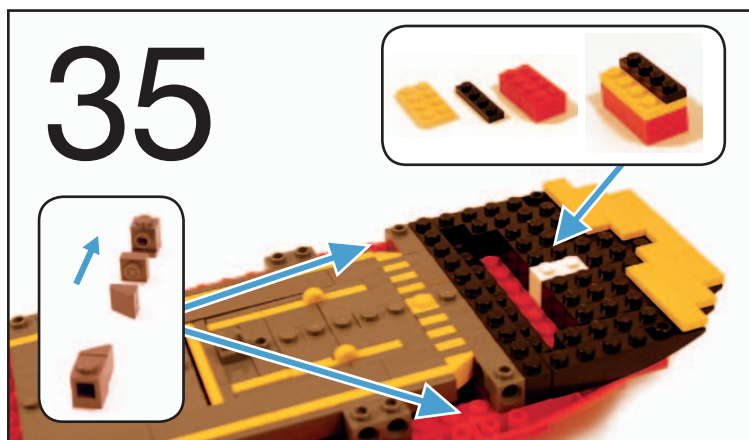
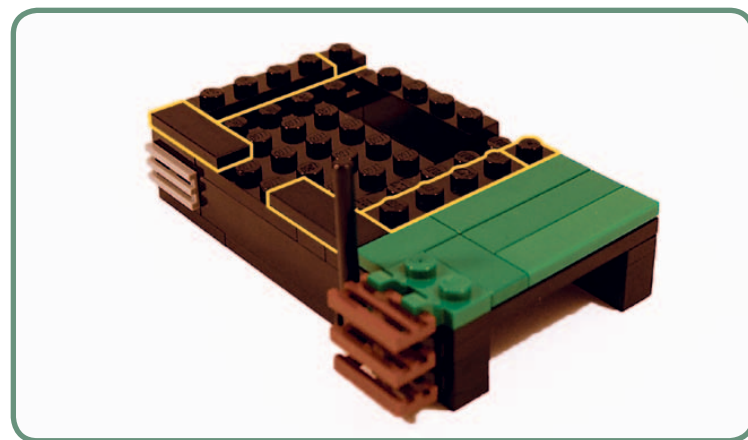
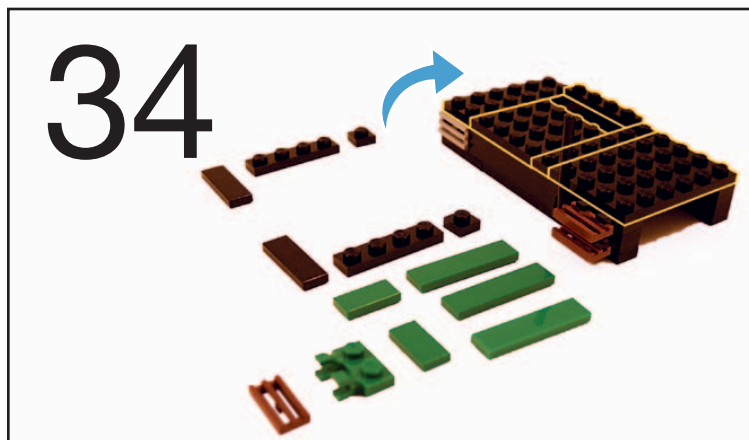
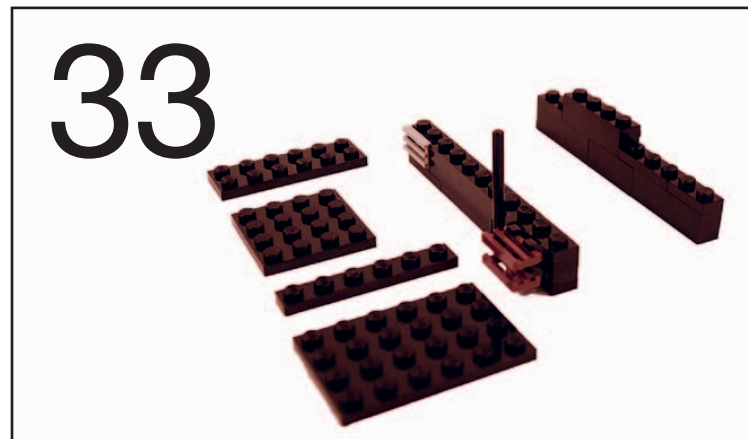
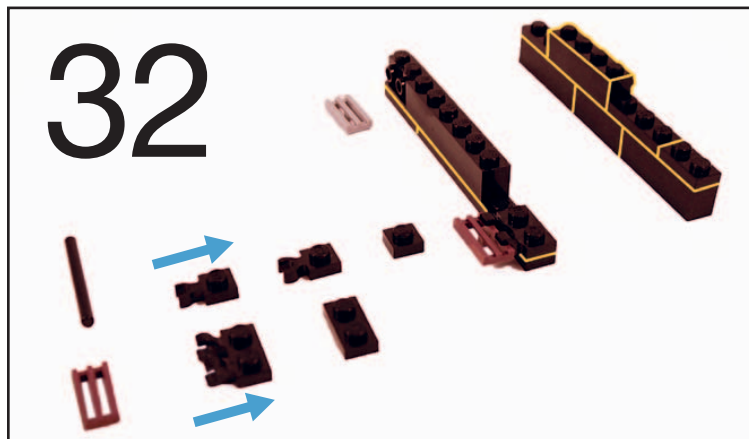
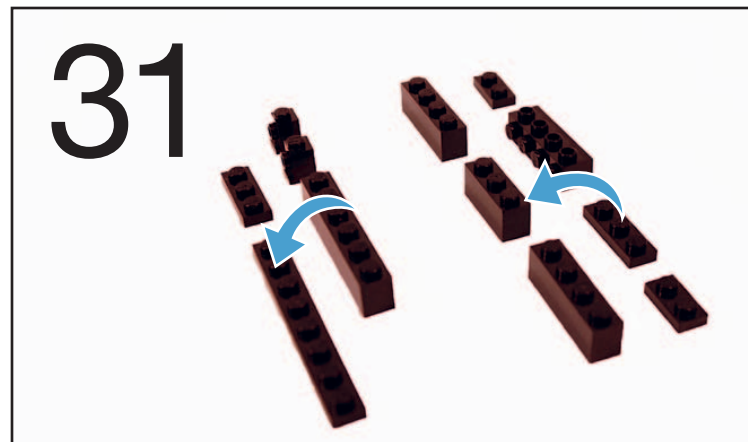
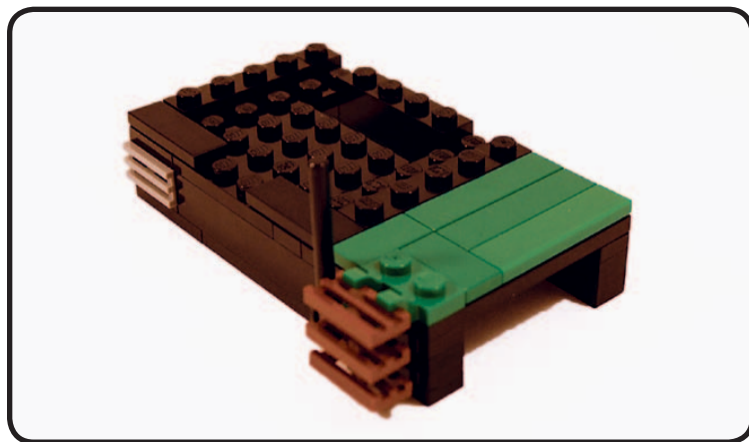


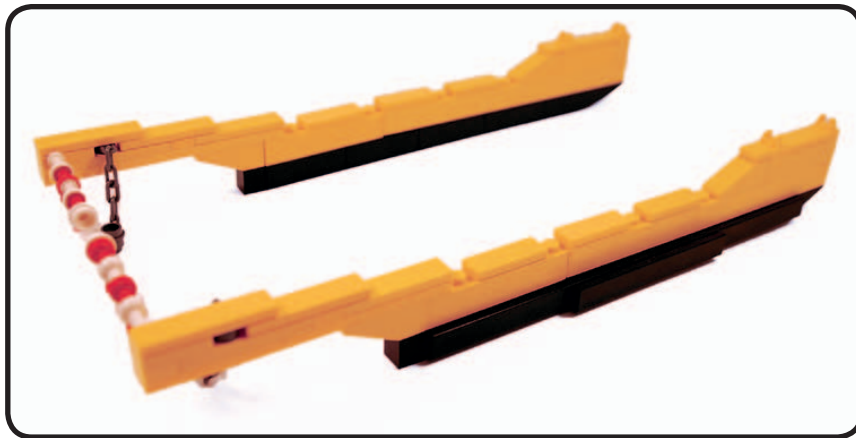
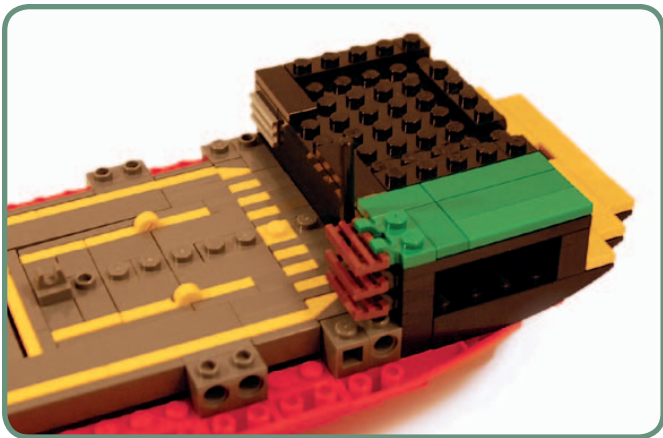
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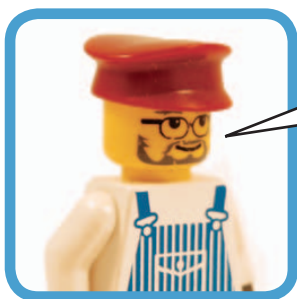
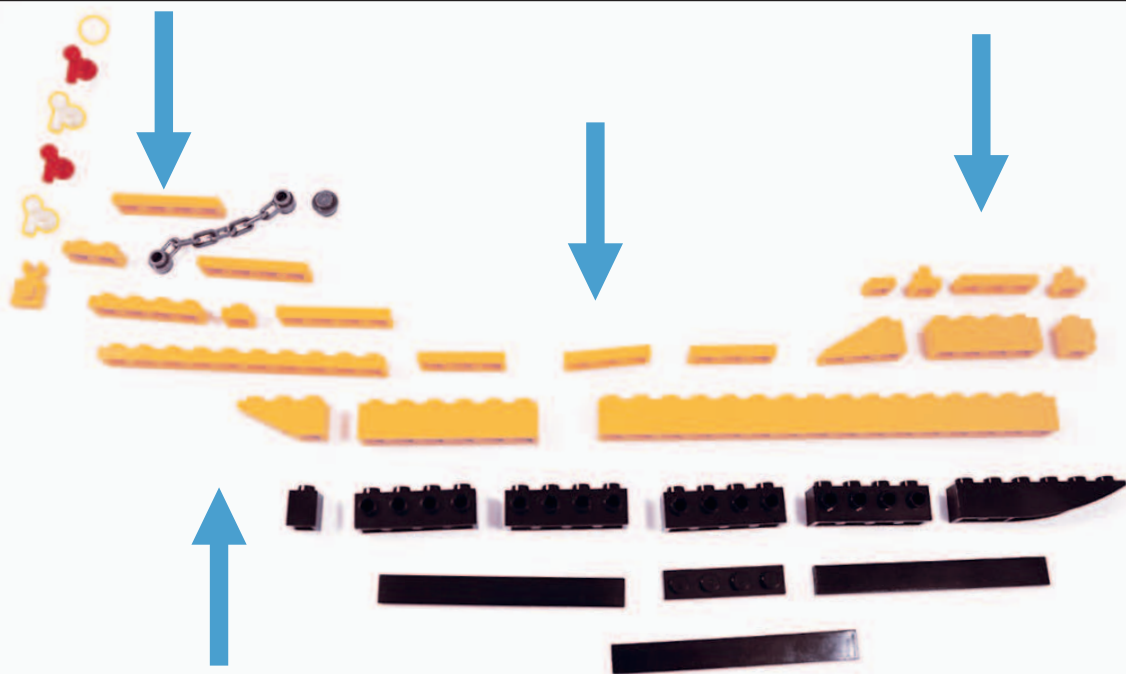
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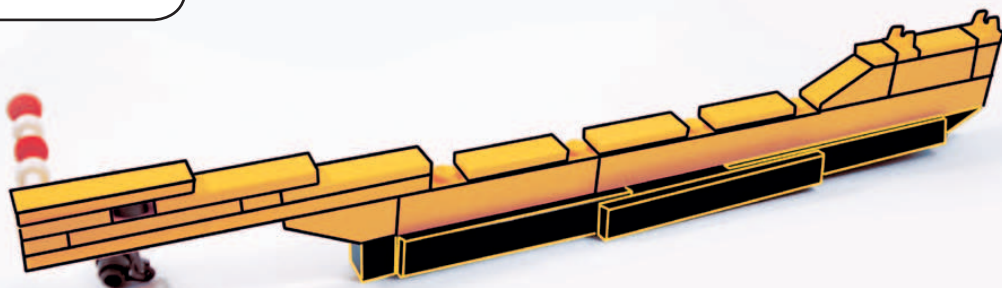


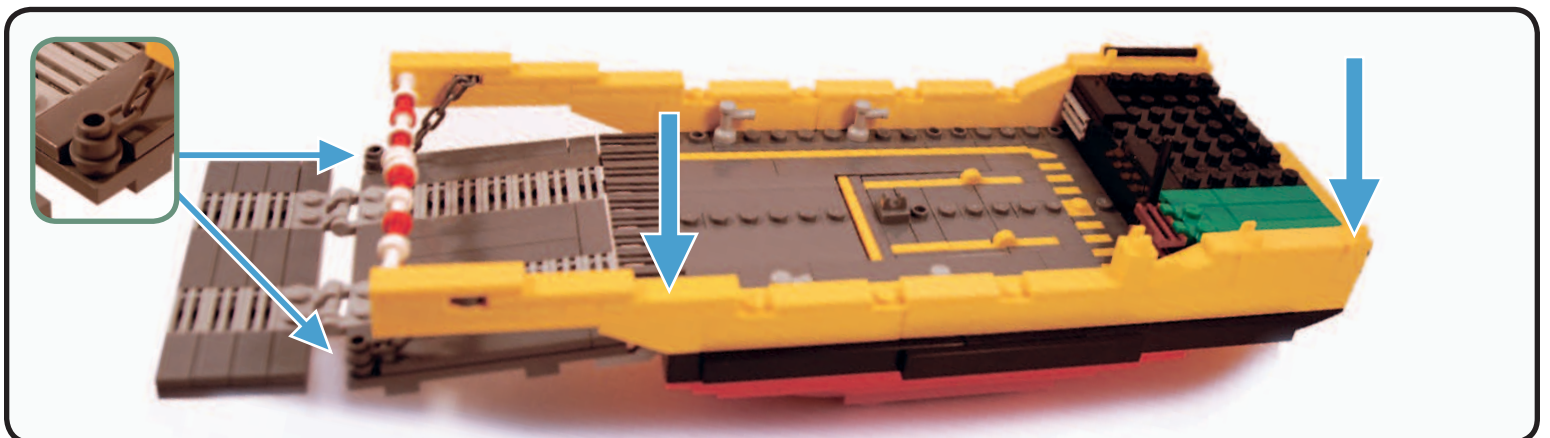
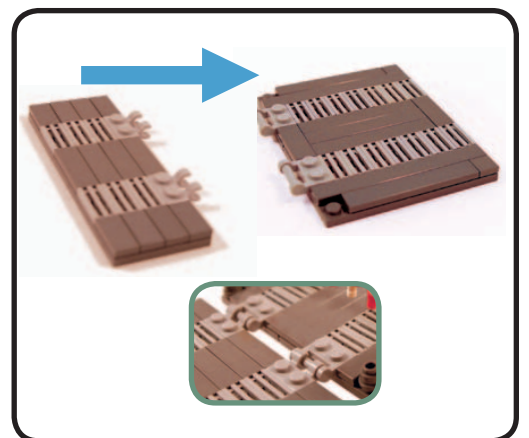
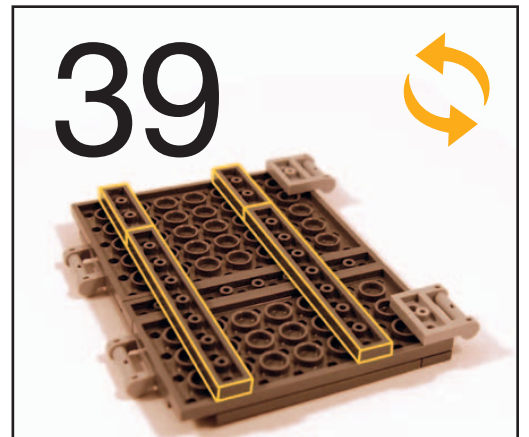
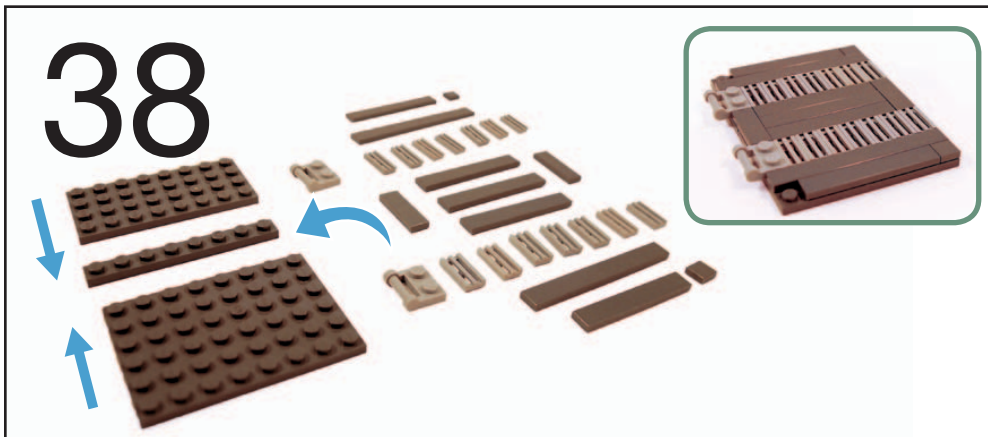
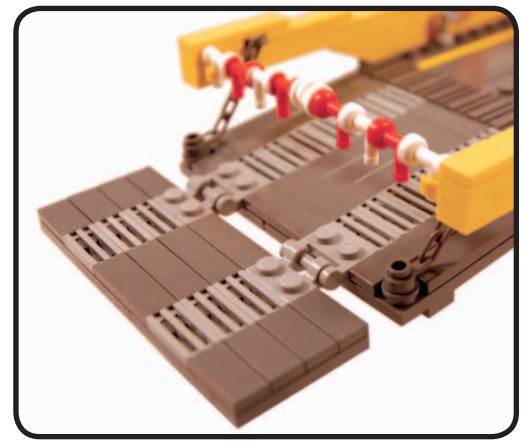
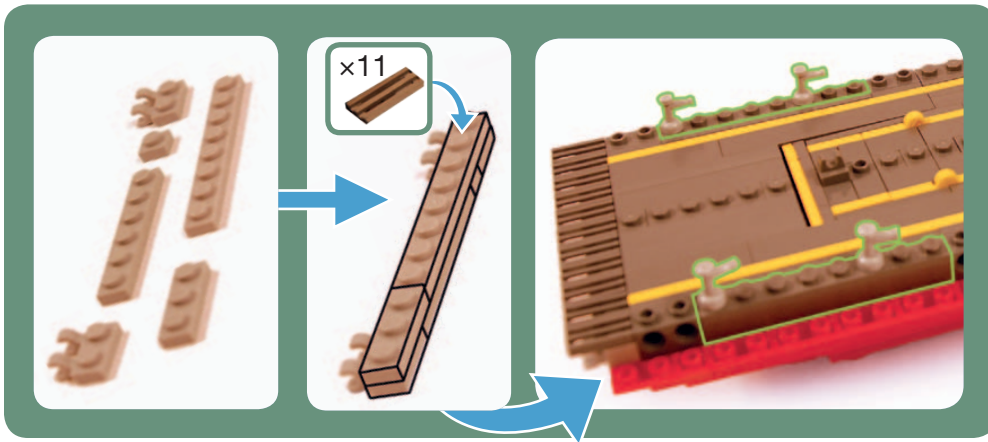


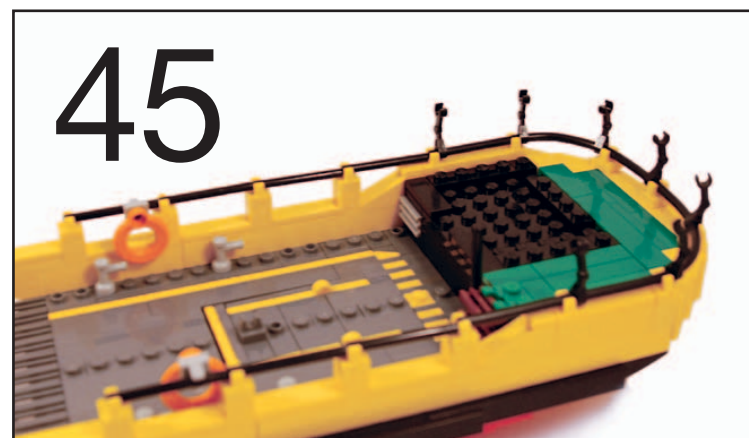
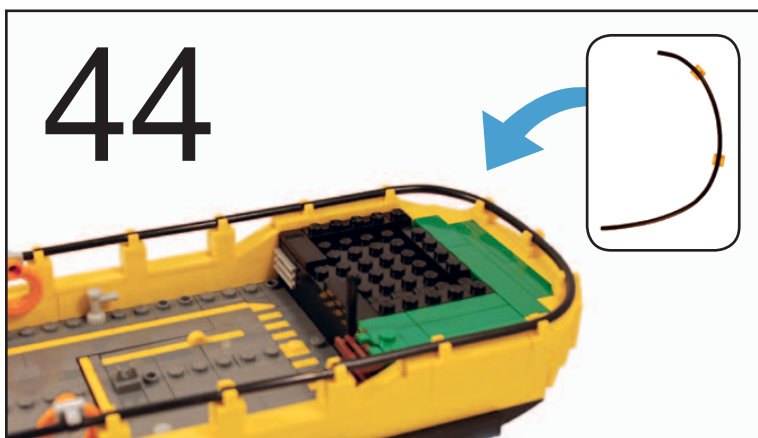
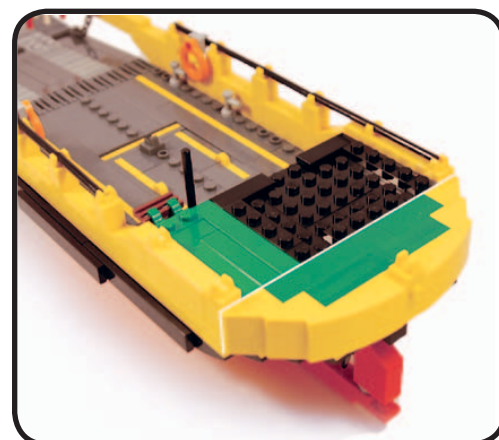
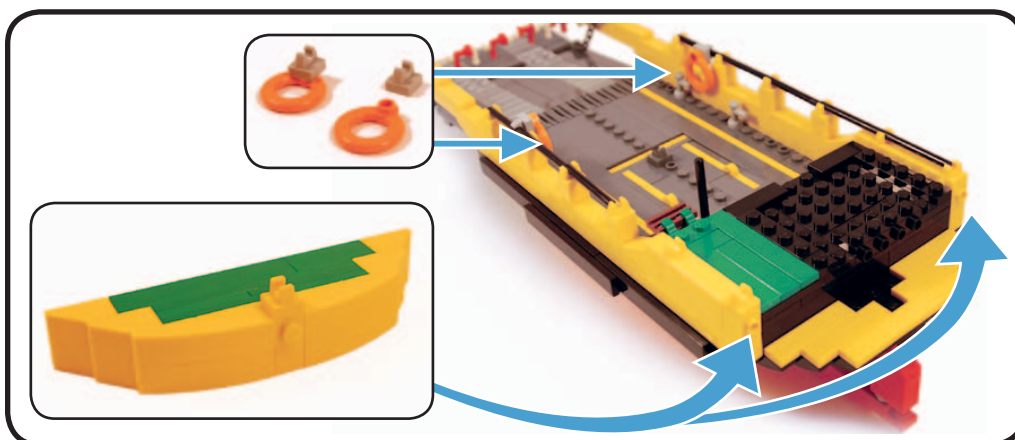
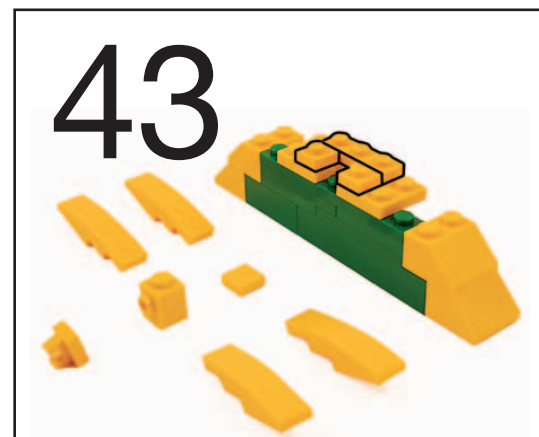
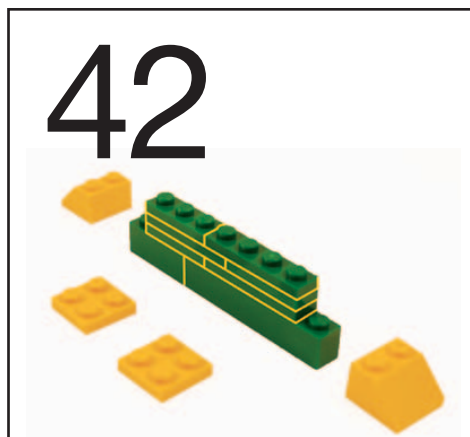
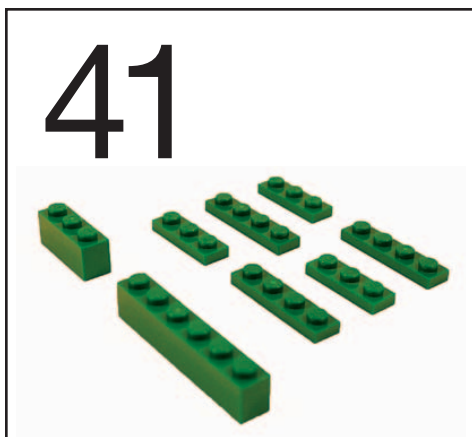
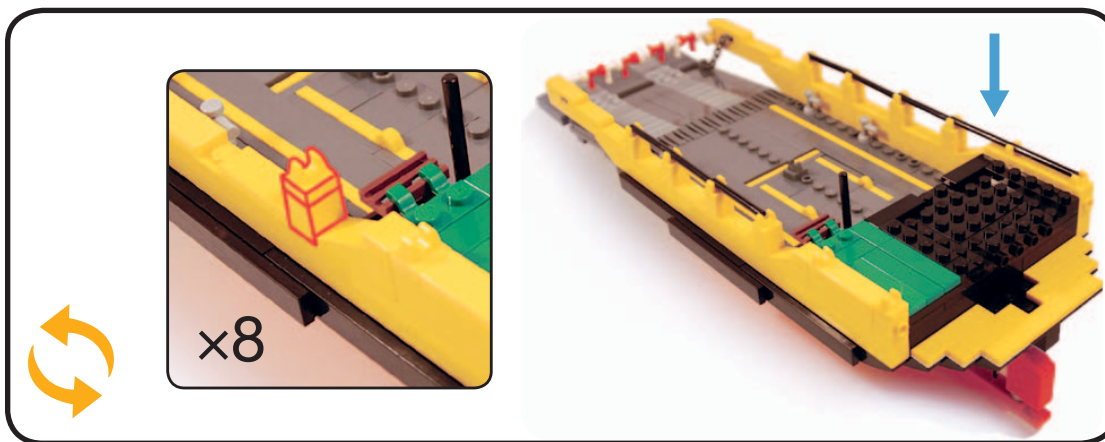
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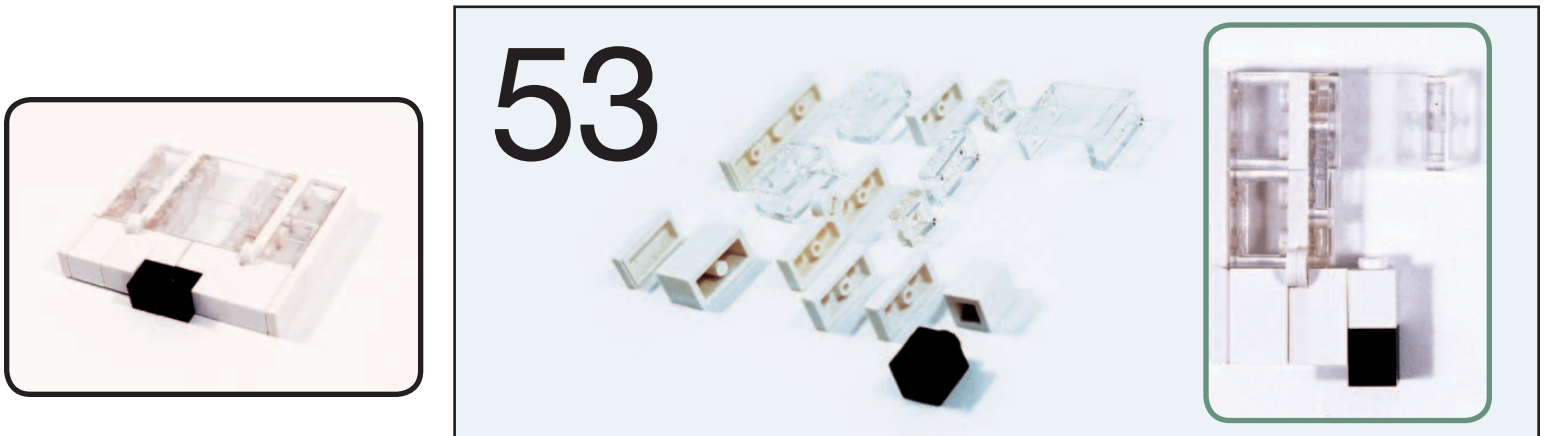
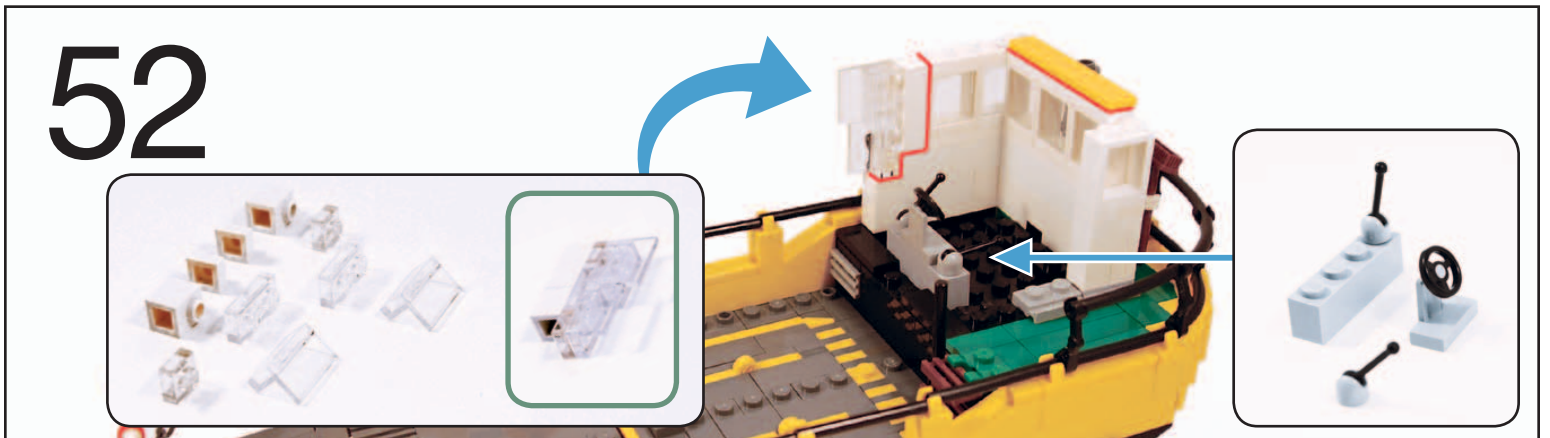
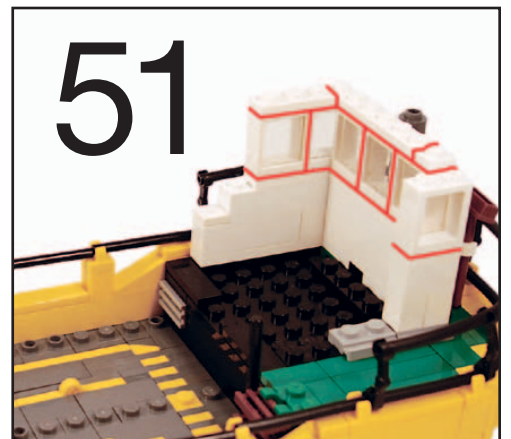
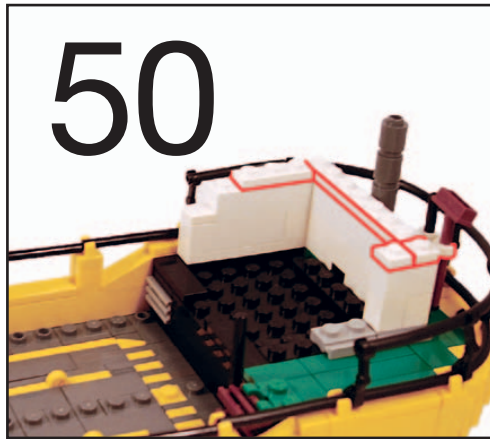
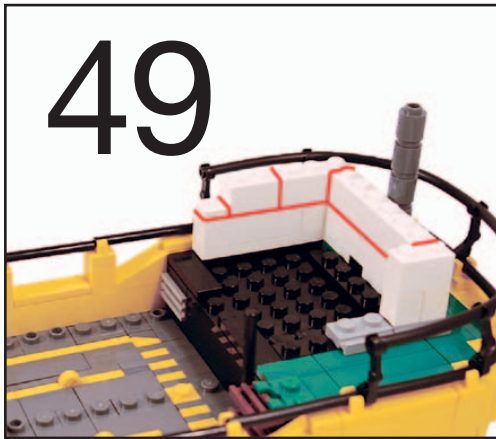
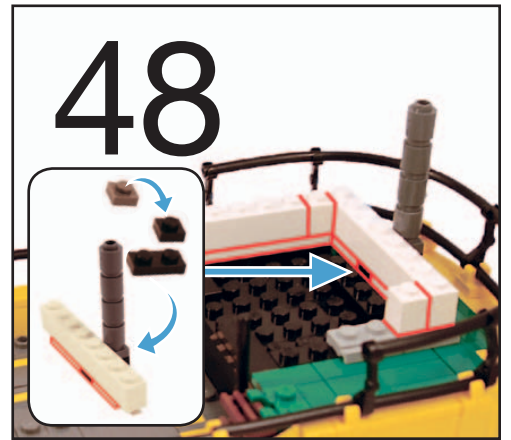
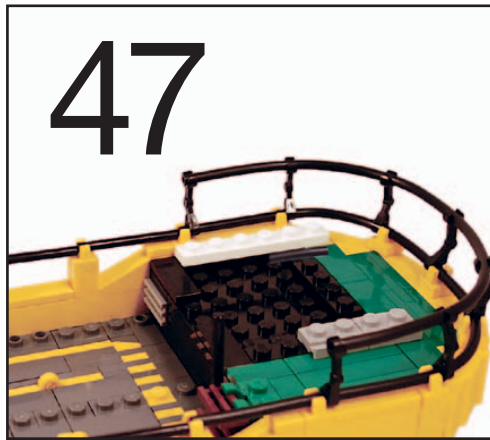
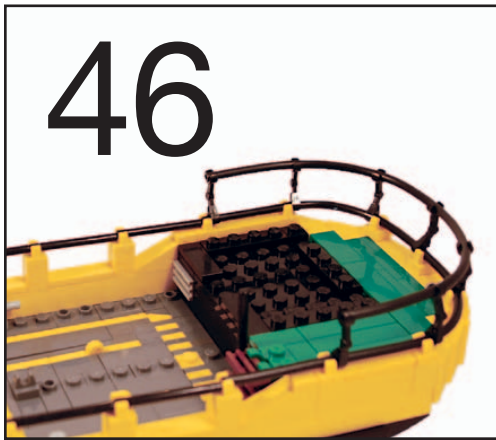


YOU WILL NEED TO
BUILD TWO SIDE
RAILS. JUST MIRROR
THESE STEPS.

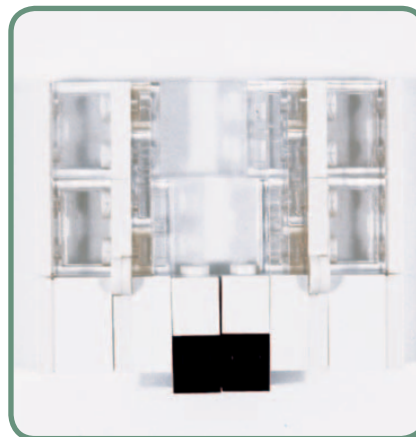
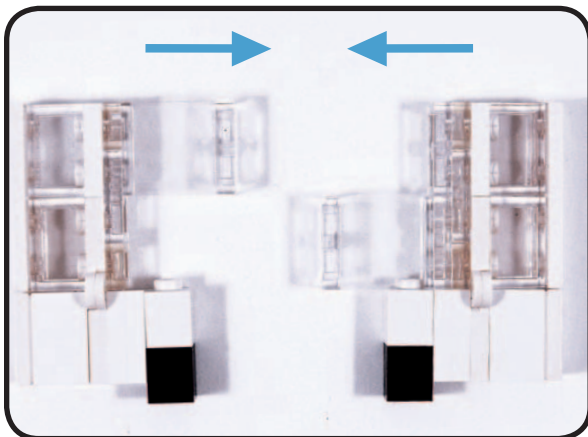
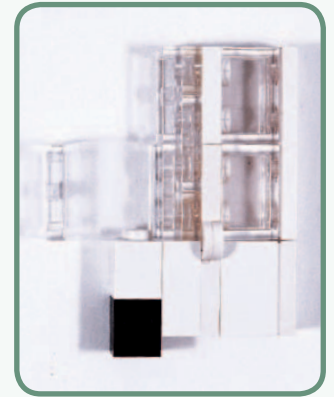




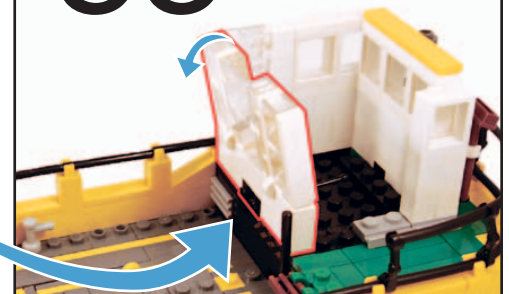




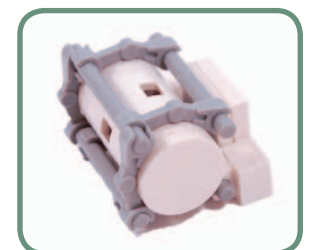
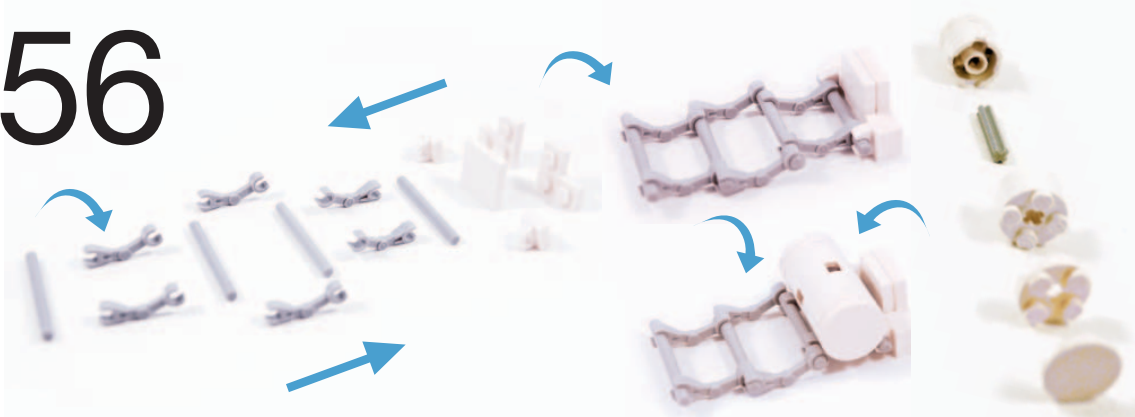
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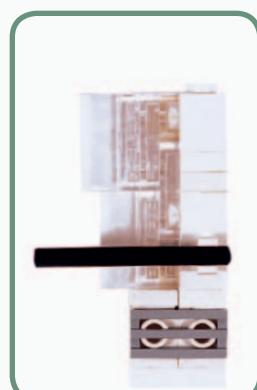
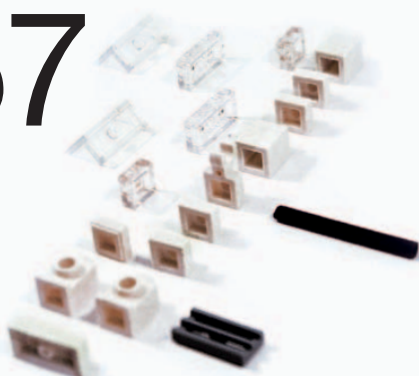
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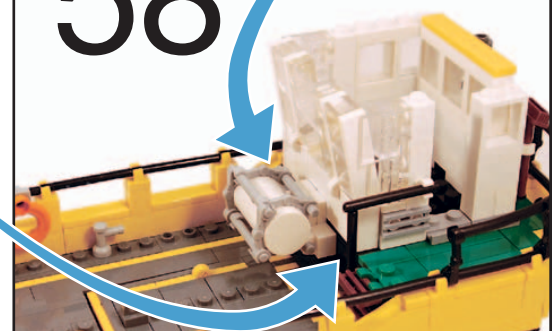
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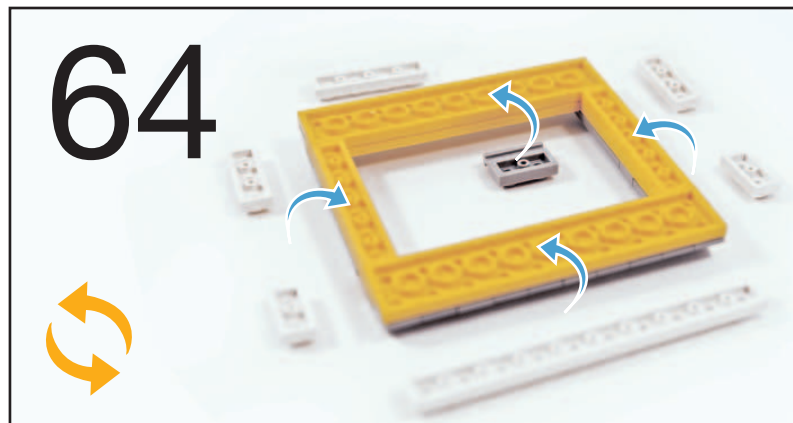
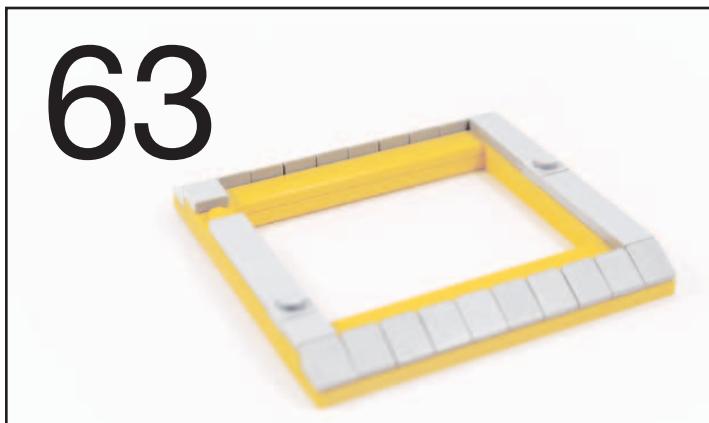
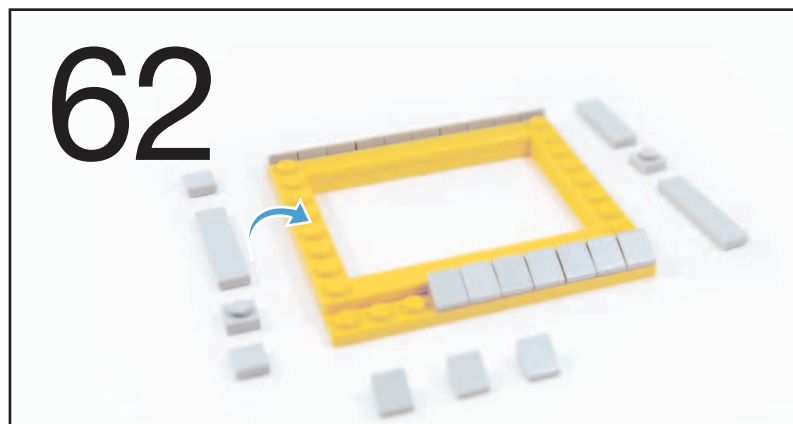
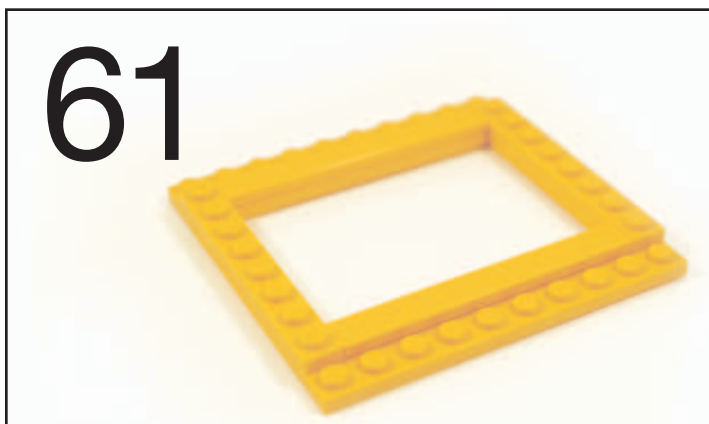
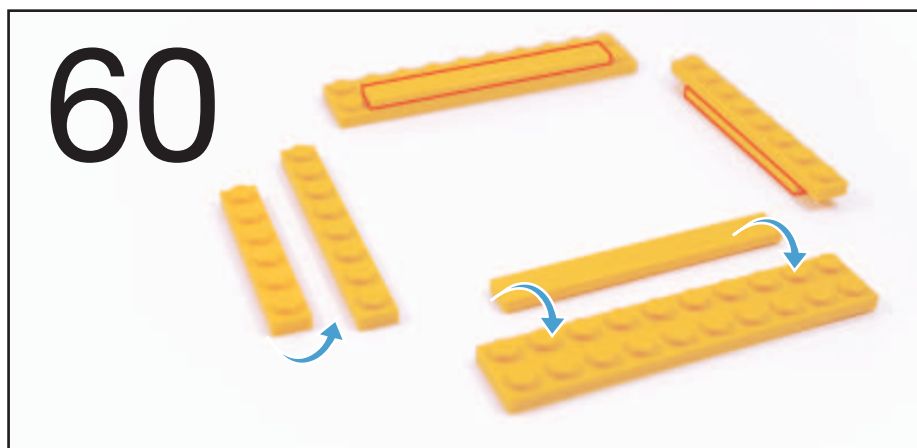
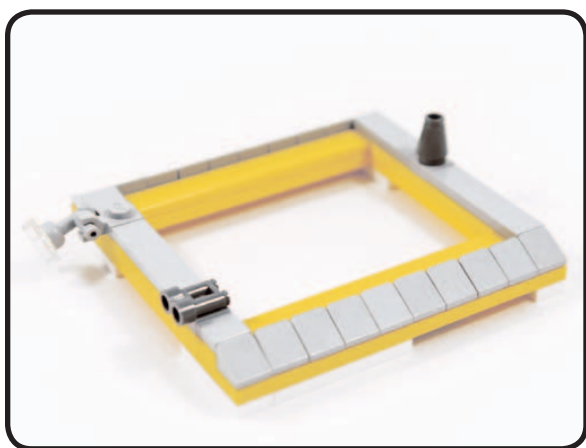
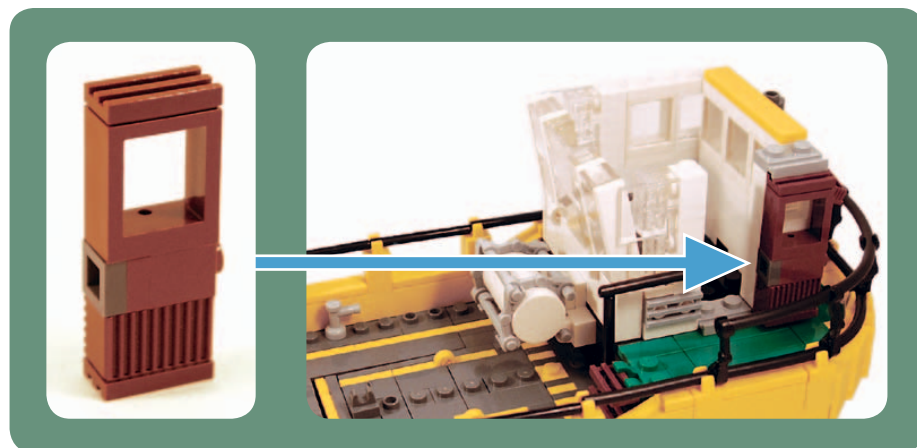
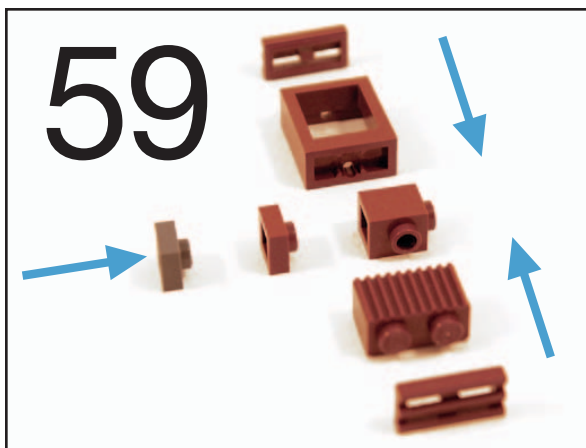


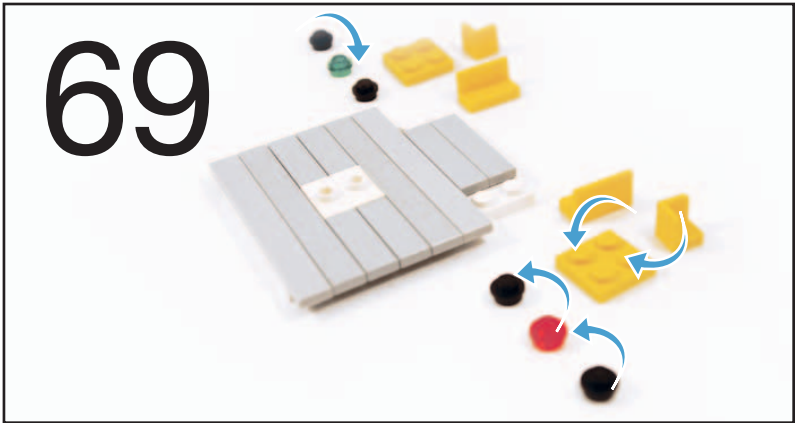
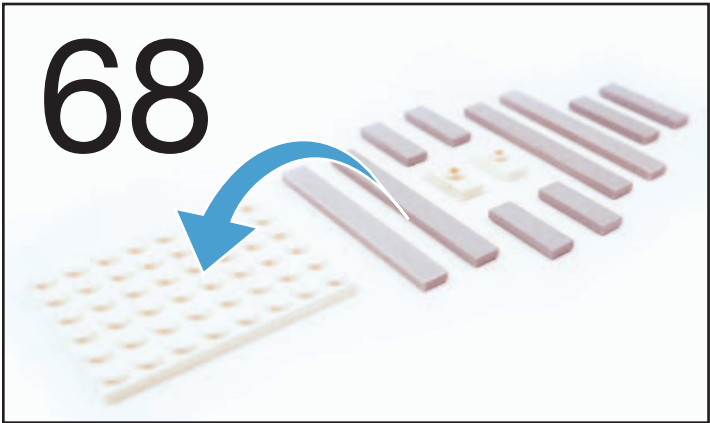
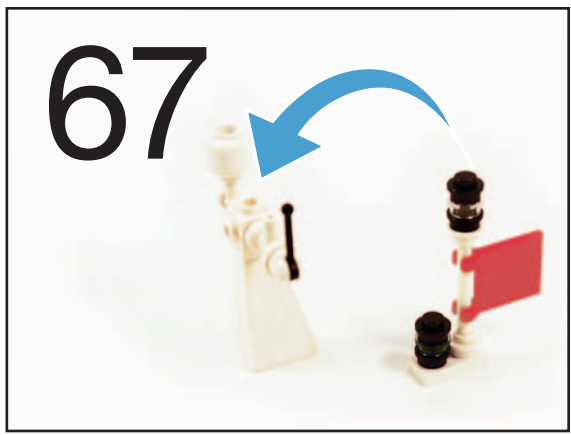
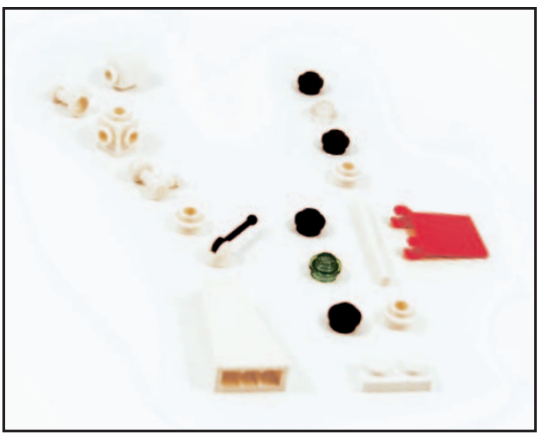
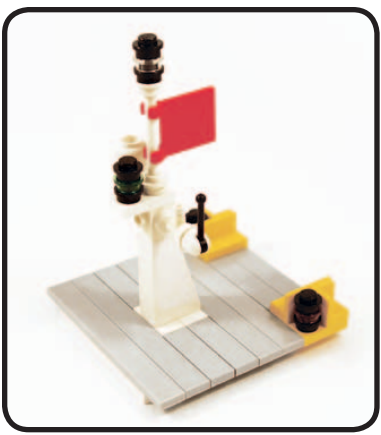
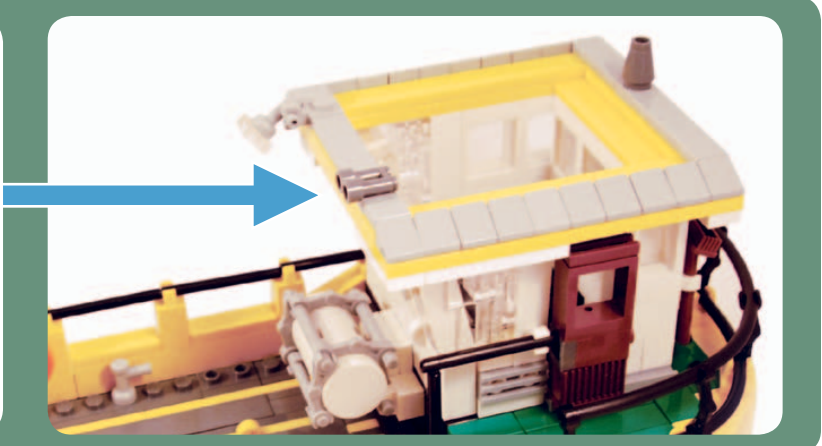
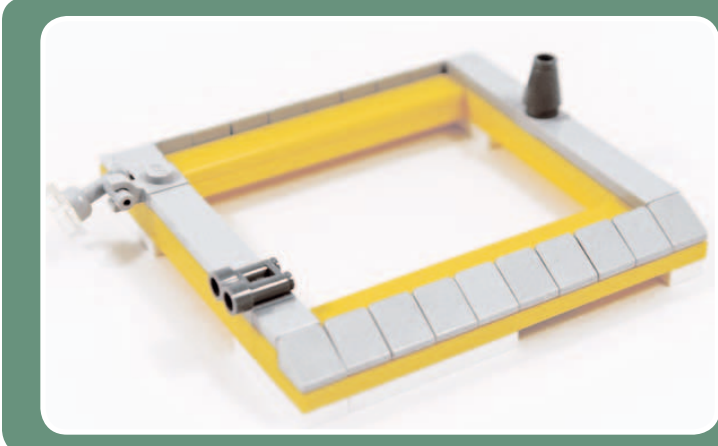
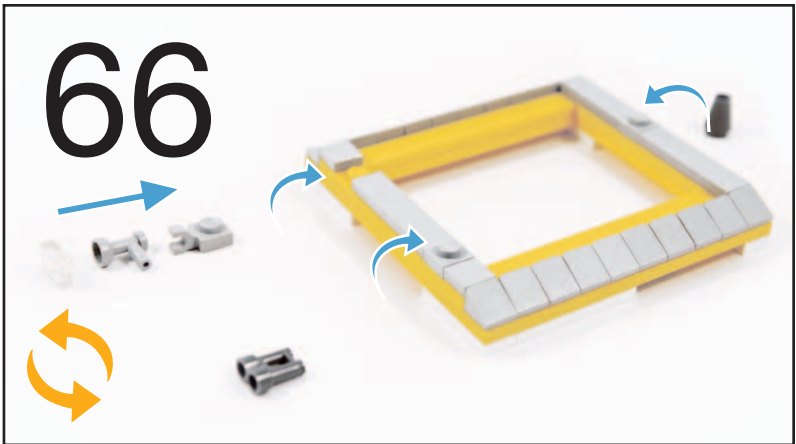
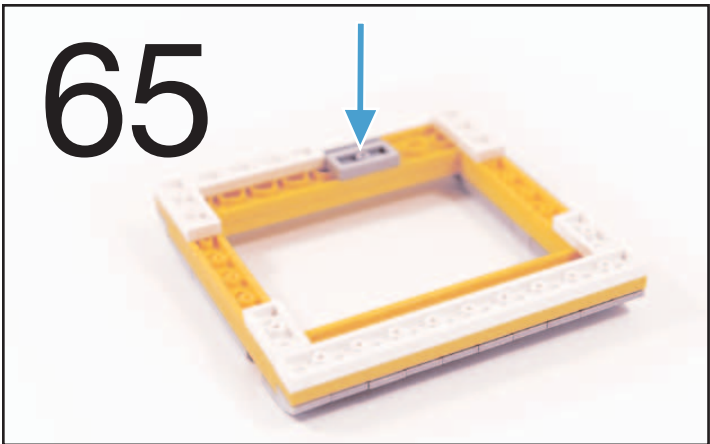
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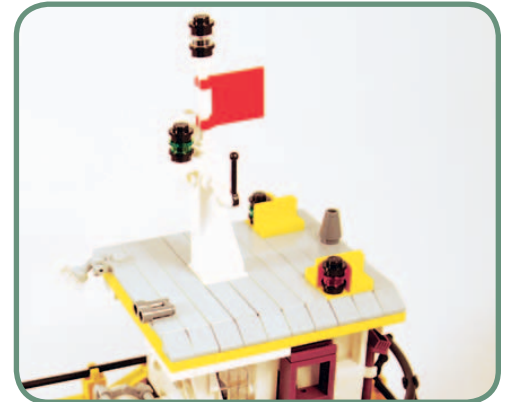
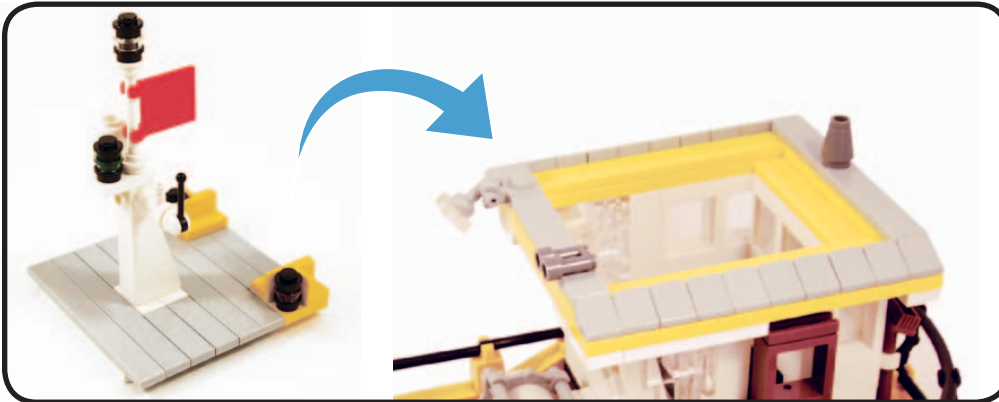
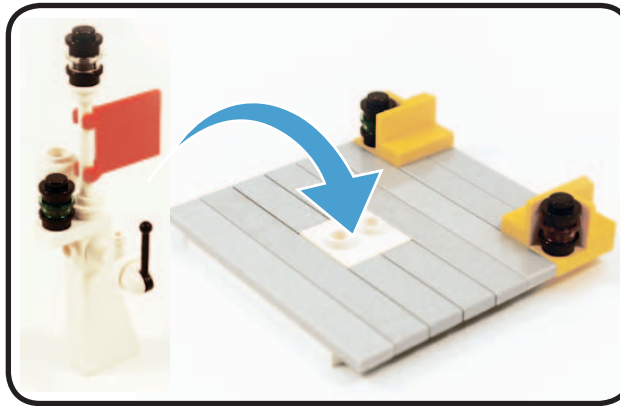
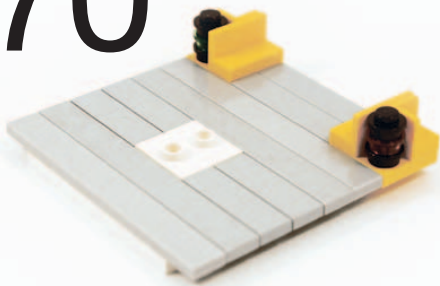
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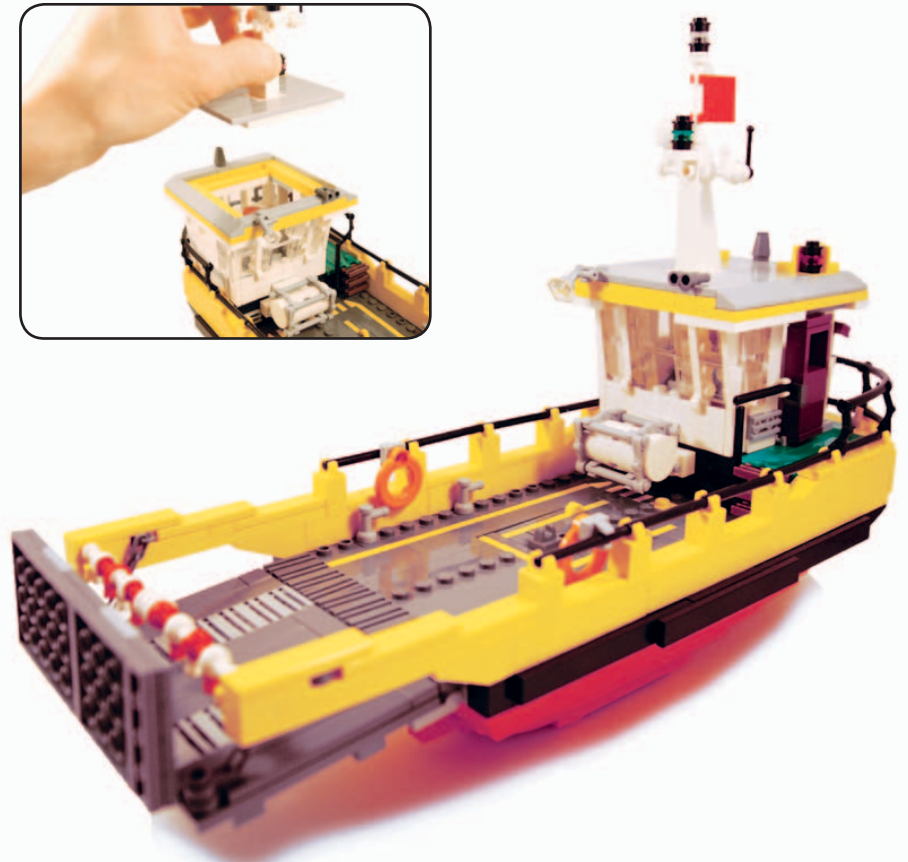
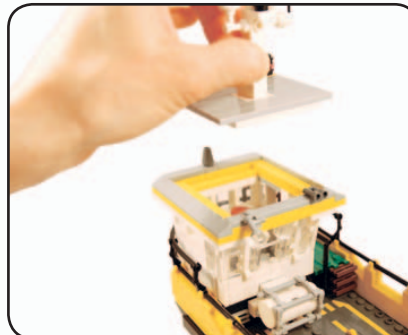
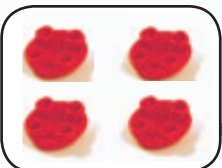




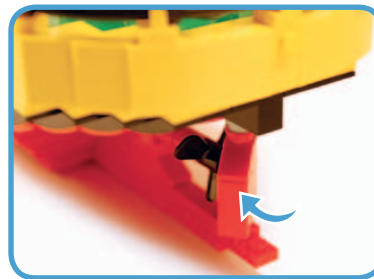
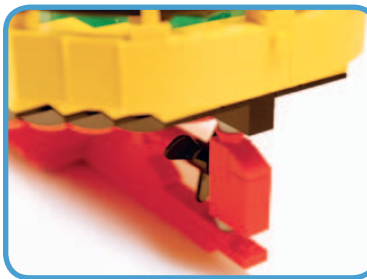
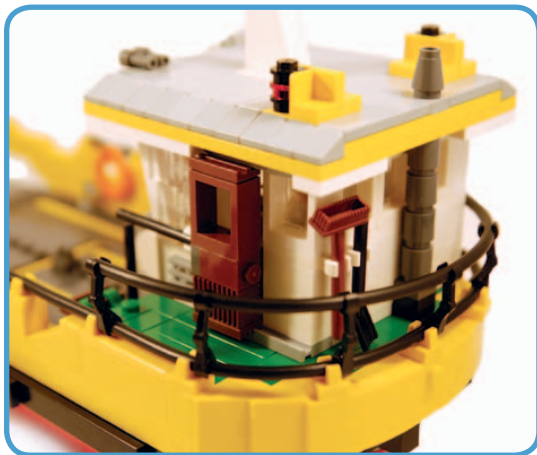
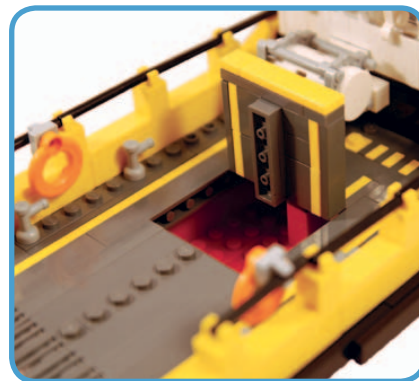
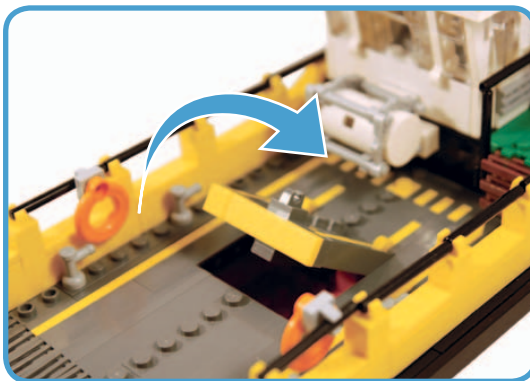
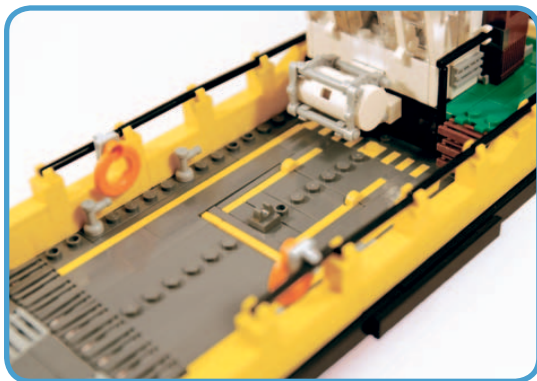
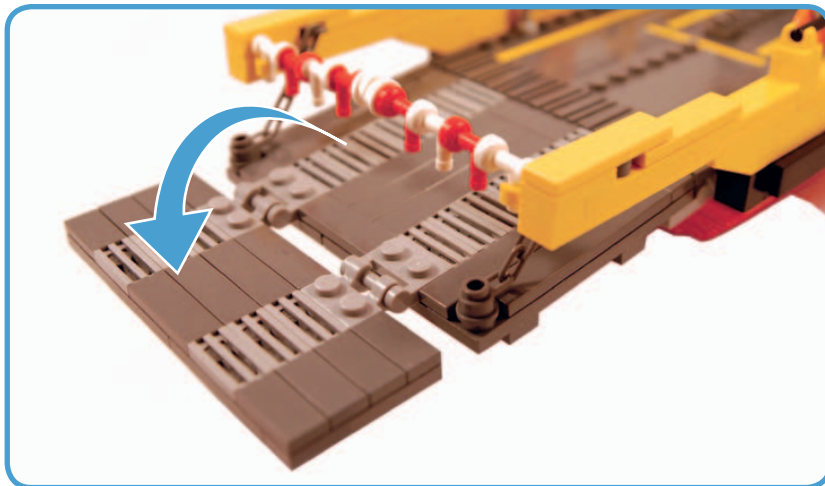
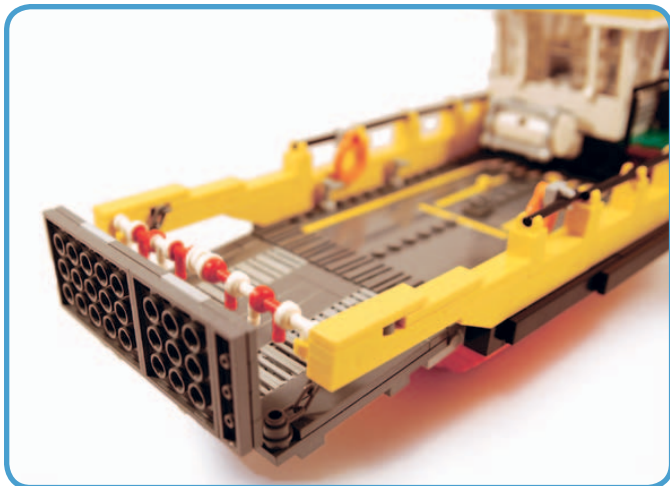
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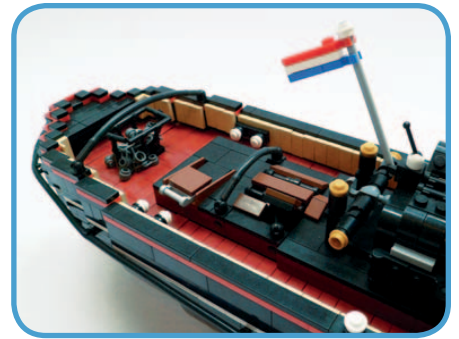
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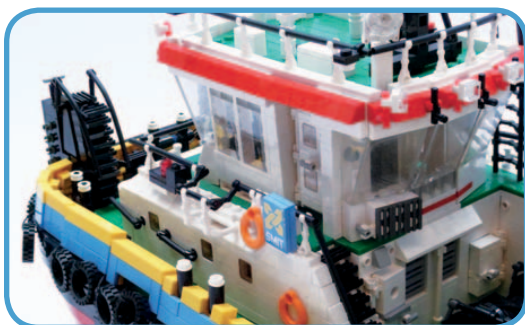
MY FERRY HAS A LOT OF COOL FUNCTIONS AND MOVING PARTS, LIKE THIS RAMP THAT LETS CARS DRIVE RIGHT ON BOARD.



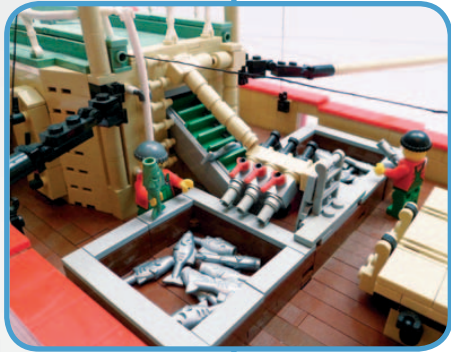
Steam Tug: Maarten



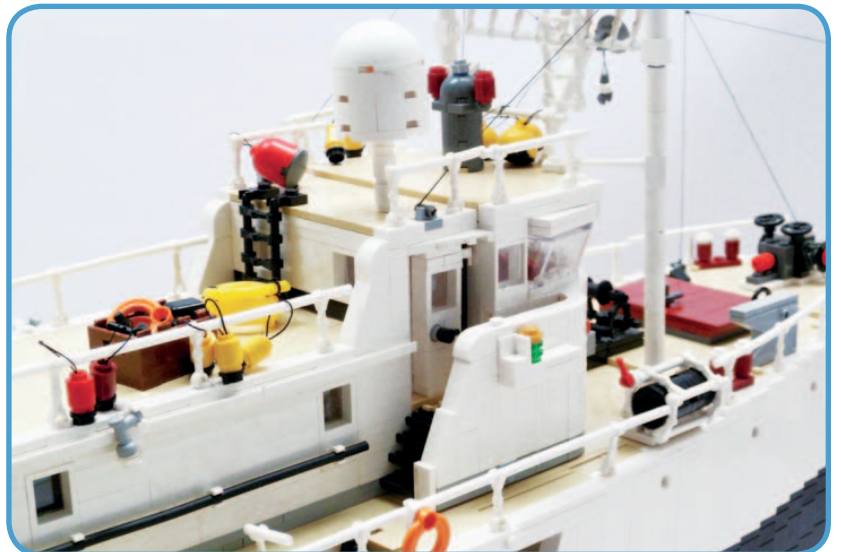
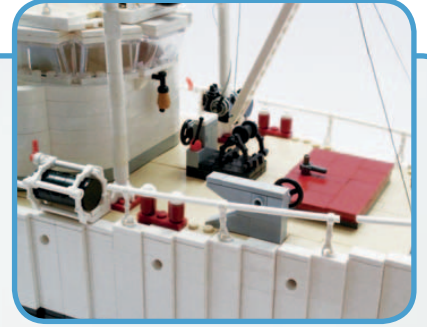
Harbor Tug: Smit Bison



VLI-8 Beam Trawler



Jacques Cousteau's Calypso



WOW, ARJAN,
THOSE ARE
SOME EPIC
SHIPS!

THANK YOU,
MEGS. THEY
WERE VERY
FUN TO BUILD.

HONK!
HONK!

WELL, I'M NOW UP AND RUNNING AGAIN,
AND I SEE MY FIRST CUSTOMER IS
VERY EAGER TO BOARD!

YEAH, I THINK I'D BETTER
GET OUT OF HIS WAY!
TAKE GOOD CARE OF
MY FRIEND'S CAR.

YOU DON'T HAVE
TO WORRY ABOUT
THAT, MEGS. IT
WILL ARRIVE SAFE
AND SOUND.

Megs, come in,
Megs!

Fortuitously, my
sensors have picked
up the Destructor on
an uncharted isle. If you
hurry, perhaps you can
catch up to him.

OK, BRICKBOT!
PUNCH IN THE
COORDINATES.

GOTTA RUN, ARJAN.
THANKS FOR SHARING
YOUR SHIPS WITH ME!

GOED ZO,
VERY GOOD,
MEGS! SEE
YOU LATER,
TOT ZIENS!

YES, DEFINITELY.
TOT ZIENS, ARJAN!

THIS MUST BE THE THE ISLAND.
LOOKS LIKE A HURRICANE
HAS BLOWN THROUGH HERE!
WELL, HELLO DOWN THERE!



AHOY, YOURSELF!
THE NAME BE MEGS,
AND I'D BE HAPPY
TO OBLIGE, SIR!

AHOY! THAT PINK-HAIRED,
LILY-LIVERED SCALLYWAG
BLEW MY LOOKOUT HUT TO
SMITHEREENS! YOU LOOK
LIKE A HANDY BUILDER.
WANT TO HELP ME FIX IT?



Castaway's Cove



Barney Main

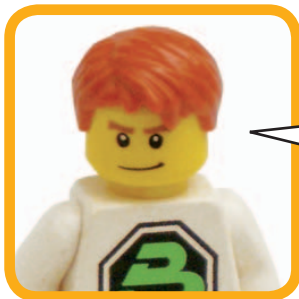
Nickname: SlyOwl

Profession: Engineering Design Student

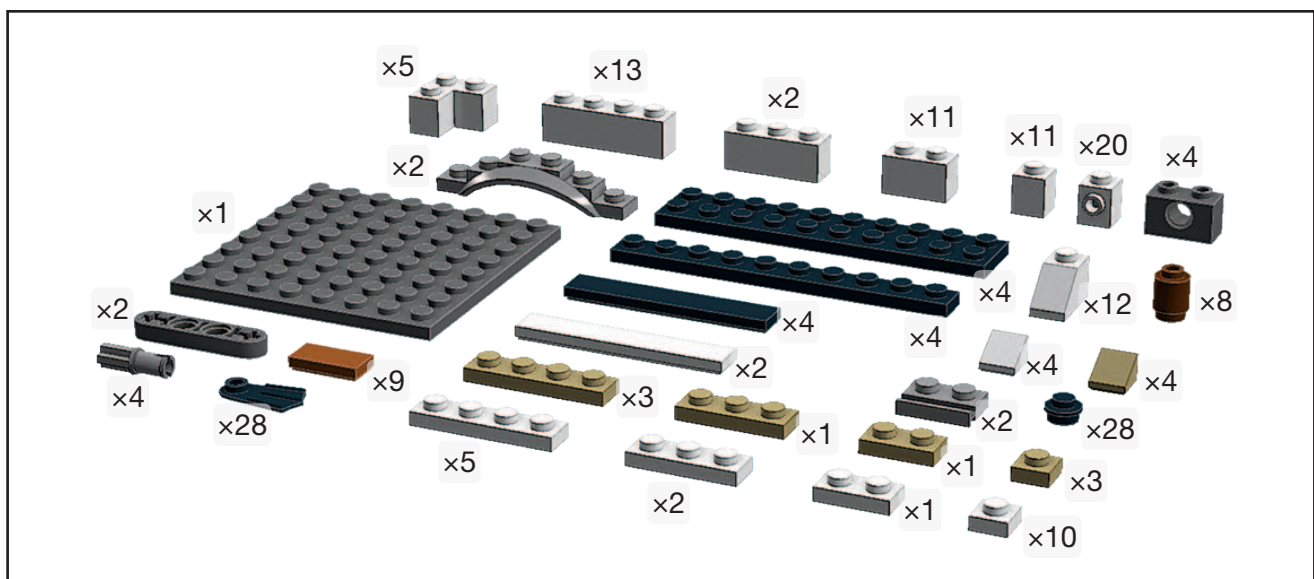
Nationality: British

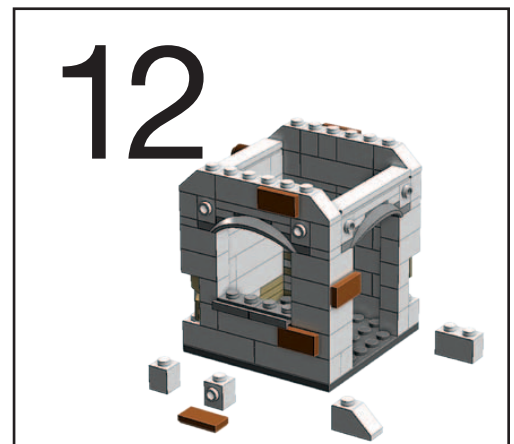
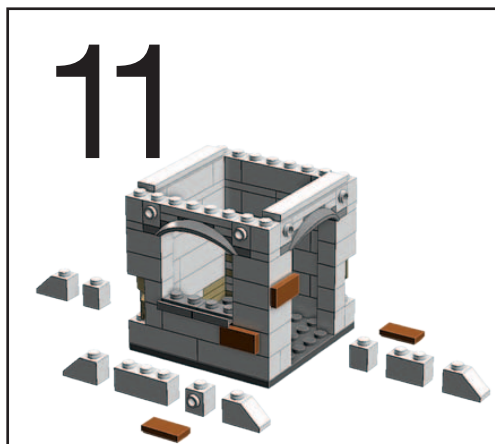
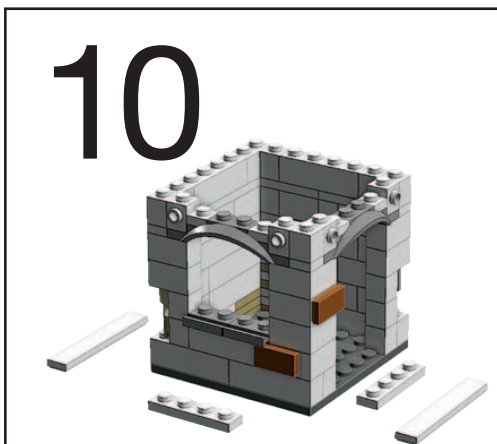
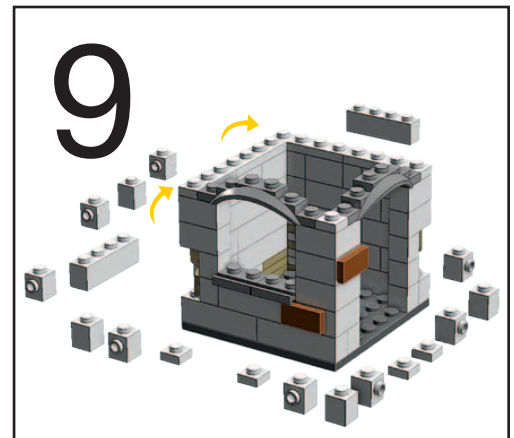
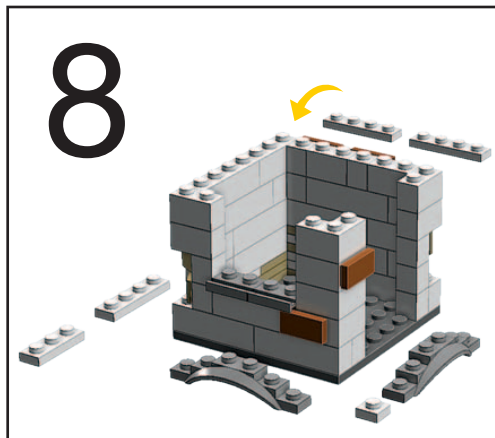
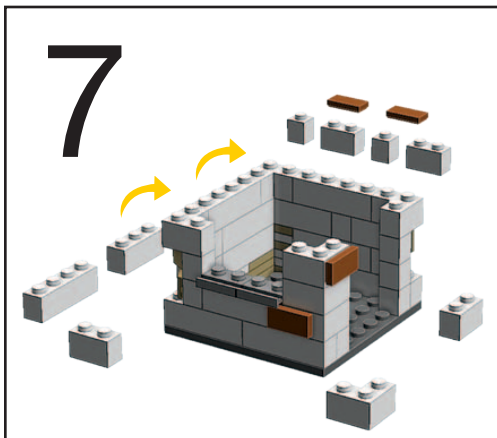
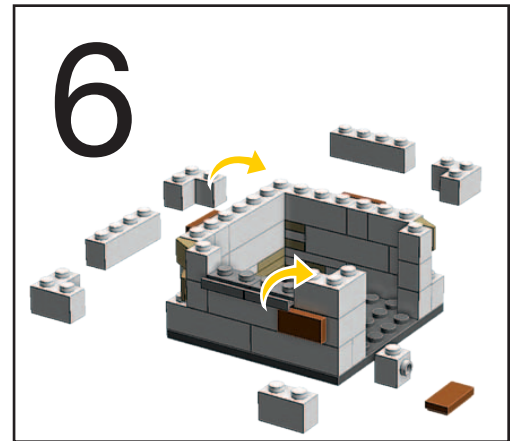
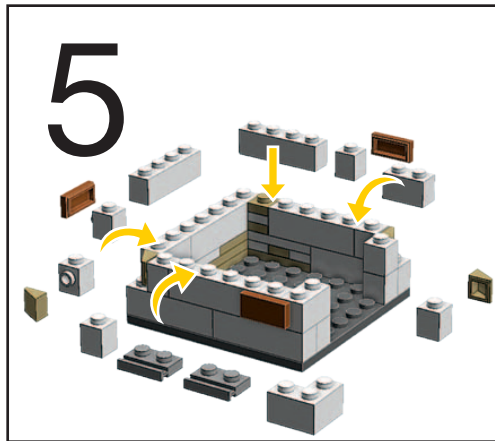
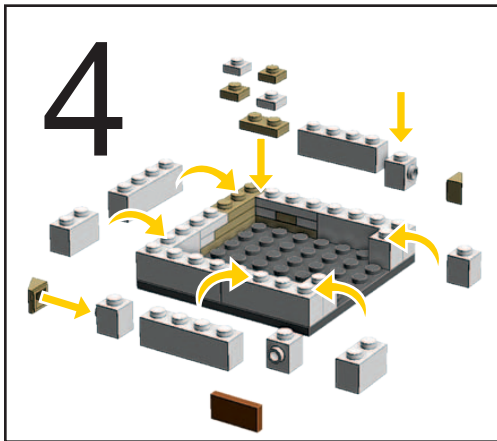
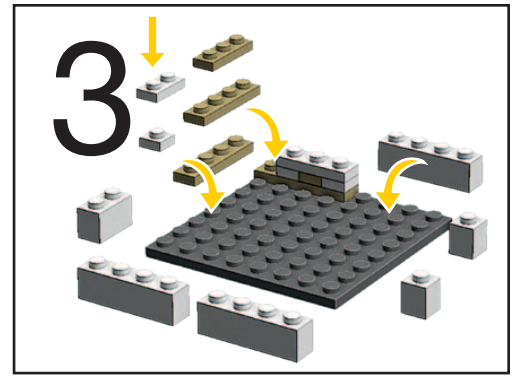
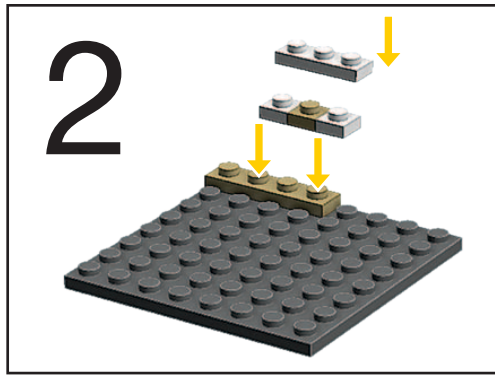
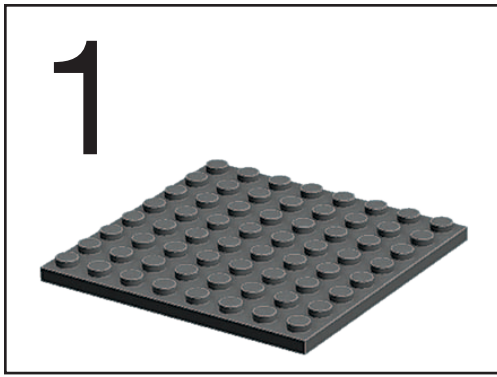
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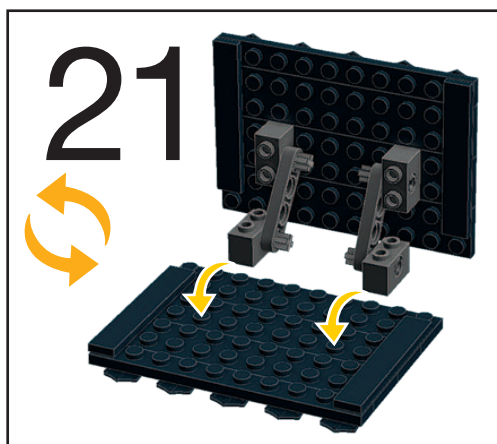
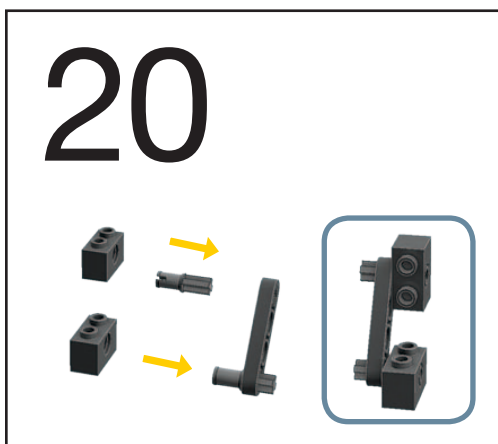
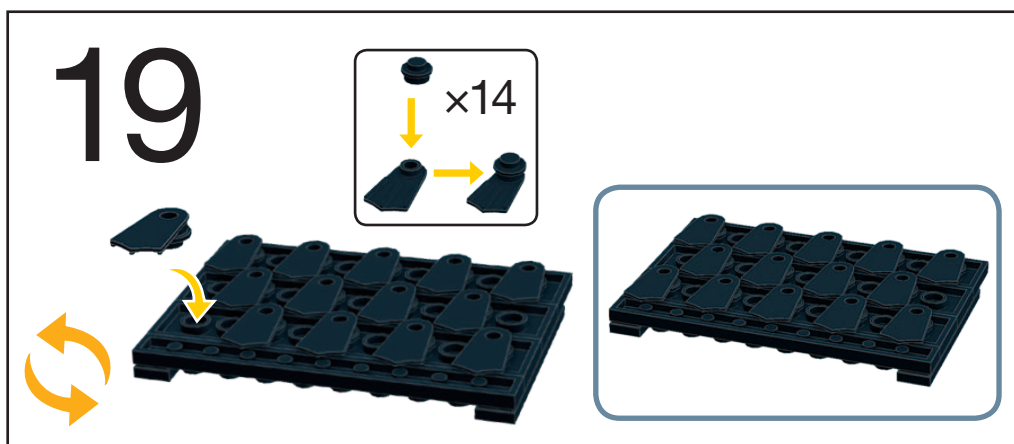
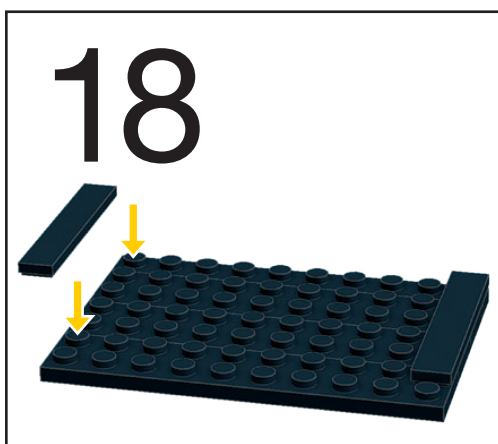
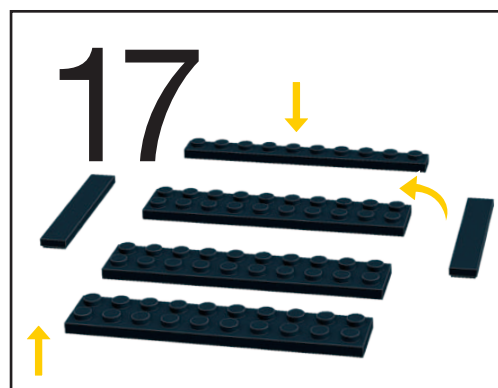
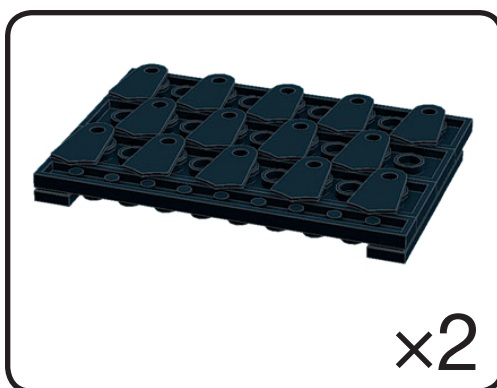
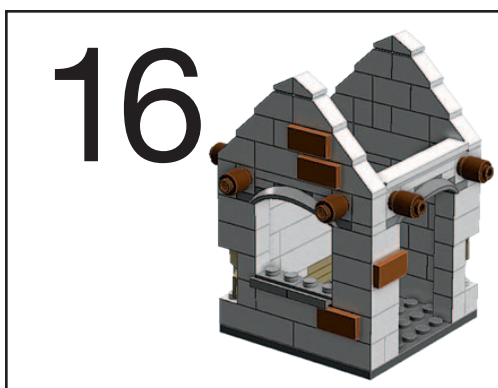
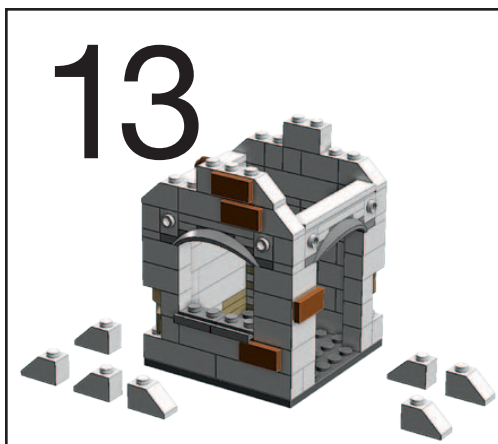
Lookout Hut



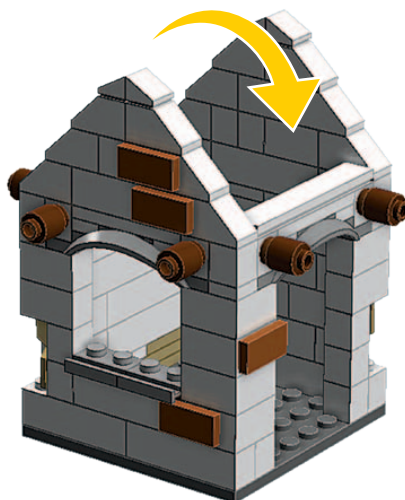
AS YE CAN SEE IN THE BUILDING PLANS, EACH SIDE OF ME LOOKOUT HUT IS DIFFERENT. KEEP A KEEN EYE ON THE STEPS, ME HEARTIES!



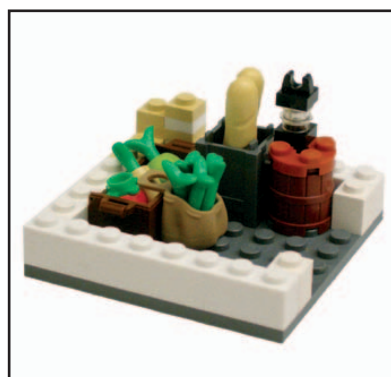




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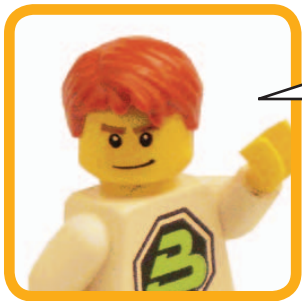
A BUILDING LIKE THIS CAN BE ANY SIZE. SCALE YOUR BUILDING TO FIT YOUR ENVIRONMENT. MY ISLAND'S SMALL, SO I KEPT MY HUT SMALL, TOO. JUST BE SURE A MINIFIGURE CAN GET THROUGH THE DOORWAY. HERE ARE SOME DETAILS YOU CAN ADD TO YOUR HUT. YOU'LL NEED PROVISIONS IF YOU'VE BEEN MAROONED!



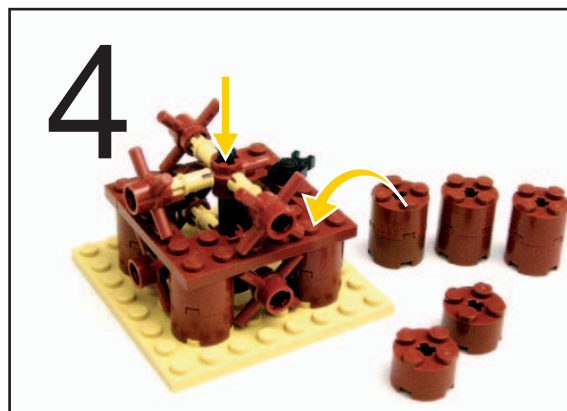
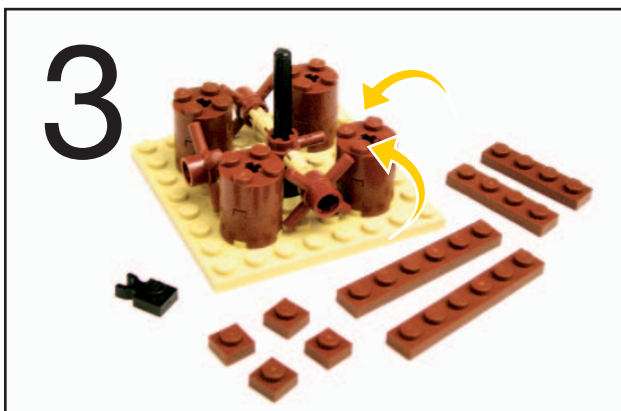
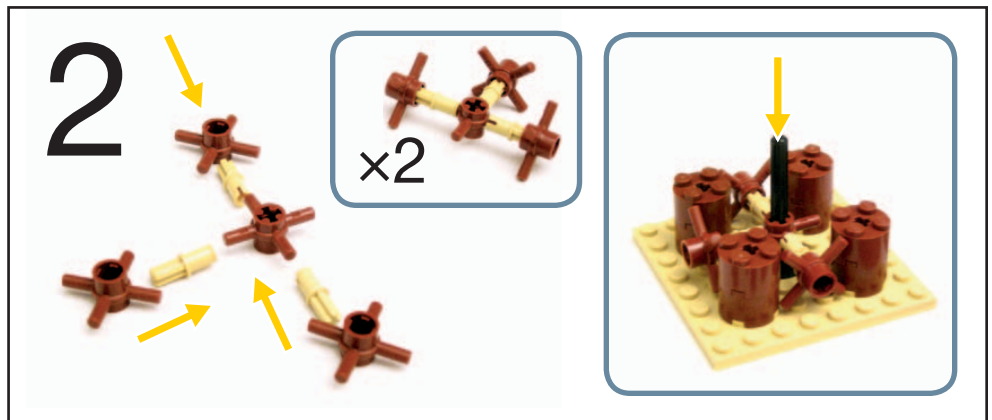
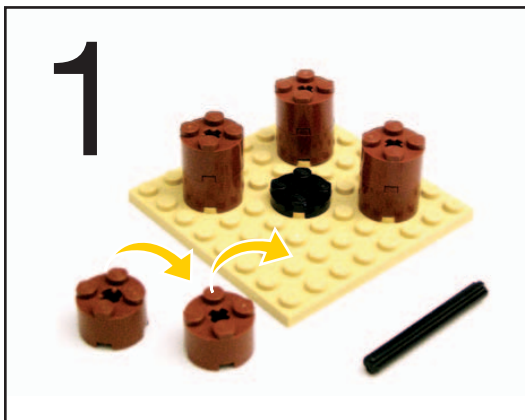
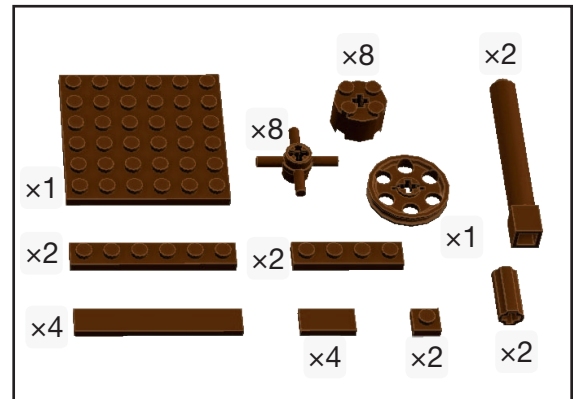
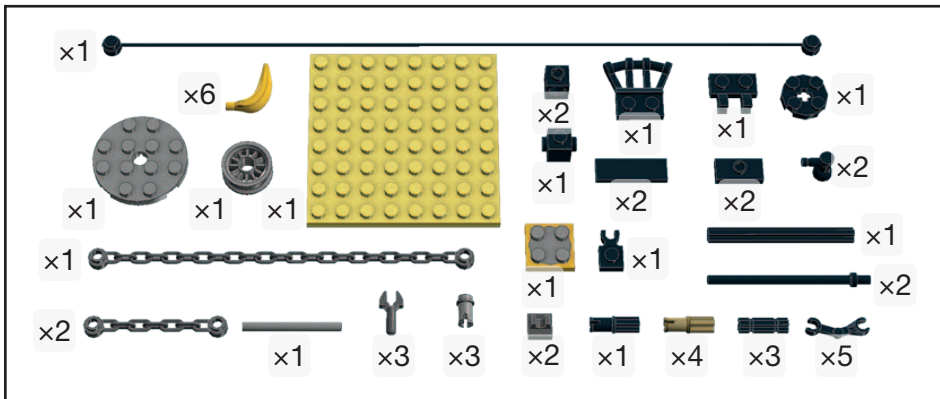
Building Tip

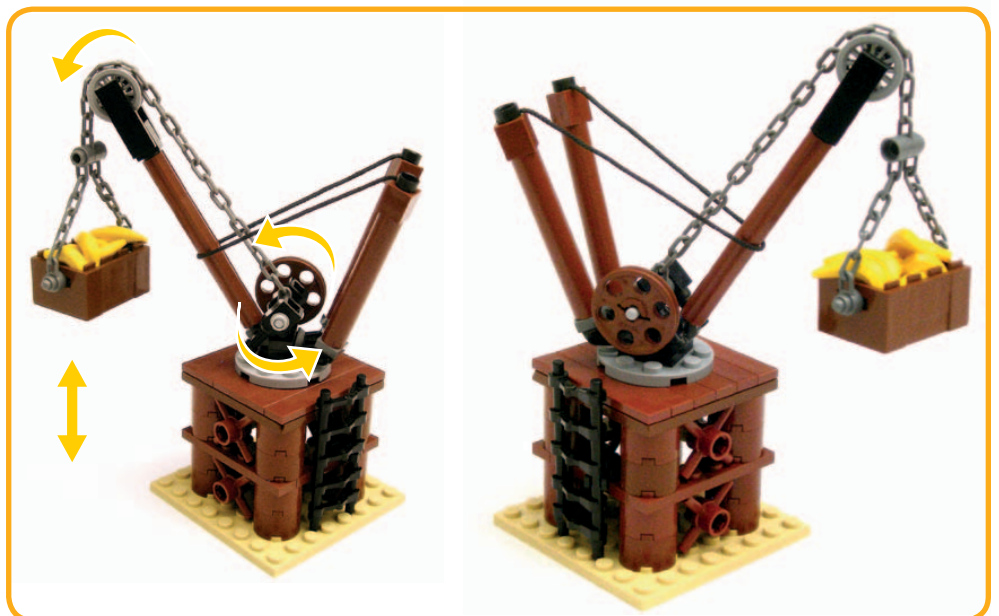
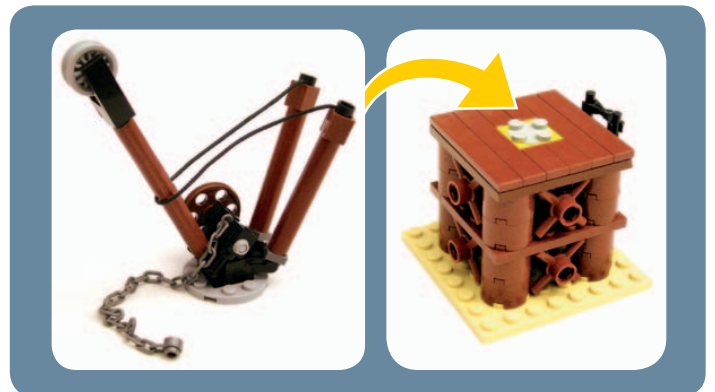
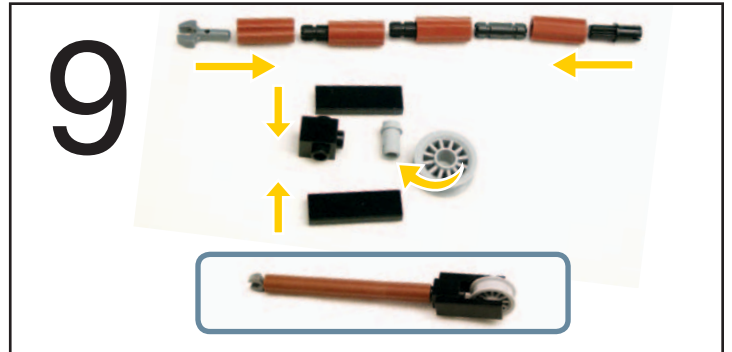
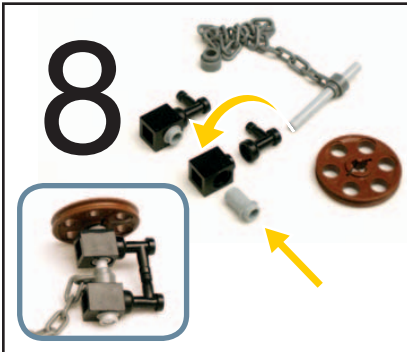
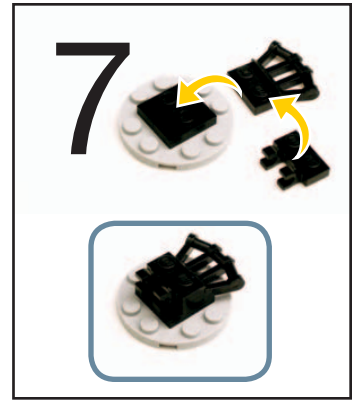
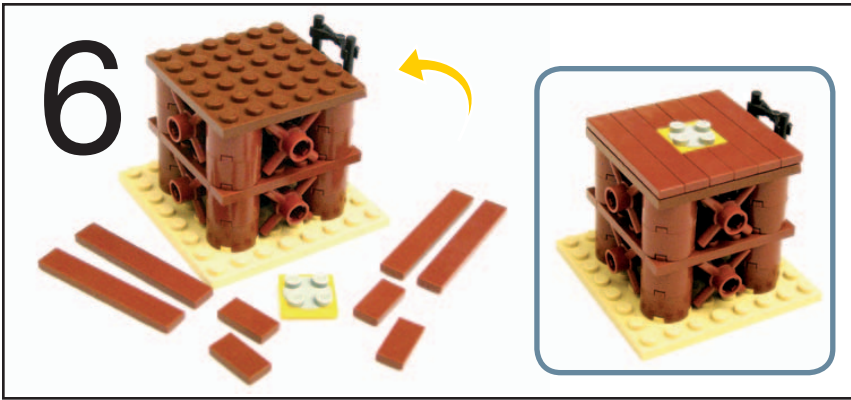
Try looking at every LEGO element in a creative way. You may discover an amazing new use for it. For example, you can use a flipper as a roof tile, as Barney has done here.

Dock Crane



THIS CRANE BE A
LITTLE COMPLICATED
TO BUILD, MATEY.
PAY CLOSE ATTENTION.





Raiders Reef

ME BEAUTIFUL ISLAND HAS EVERYTHING A PIRATE NEEDS: A LOVELY BEACH WITH A SHIPWRECK OFF THE PORT SIDE, A DOCK AND CRANE TO UNLOAD SUPPLIES, AND CANNONS TO FEND OFF WOULD-BE INTRUDERS. ARRR!

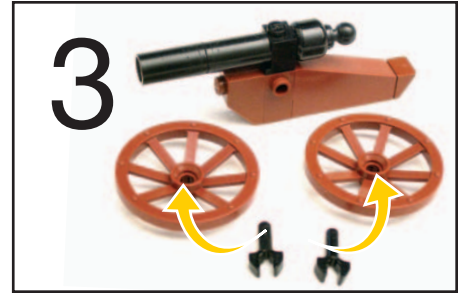
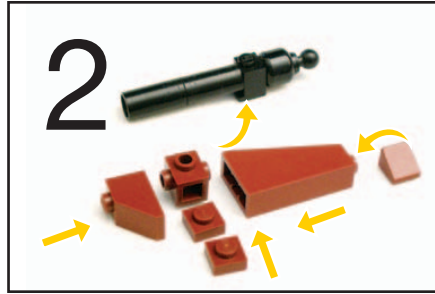
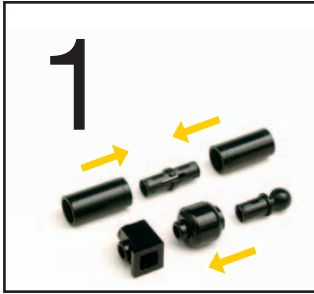


BUILDING JOURNAL

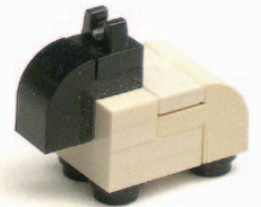
Barney has a lot of cool details in his models, all well suited to a tropical island. His use of slopes to build up a rock face is a great way to landscape. Combining part of an old ship to make a deck and stairway gives it the ramshackle look of flotsom and jetsam. If I build a pirate island, I'll make sure it is made of objects that have washed ashore!



Cannon



Pirate Inspiration



Row Boat



Galleons



BUILDING JOURNAL

Barney's ships are amazing! He adds accent colors, like white and black, to break up the brown of the ship and add interest to what could otherwise be a plain area. The string rigging helps to hold the masts and spars up, and it makes the ship look much more realistic. The string is not official LEGO string, and Barney also made his own sails out of cloth. Maybe I'll try that!



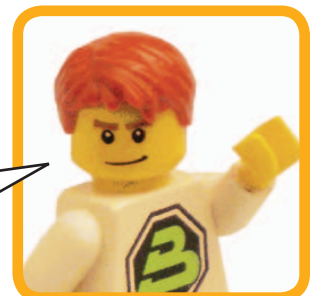


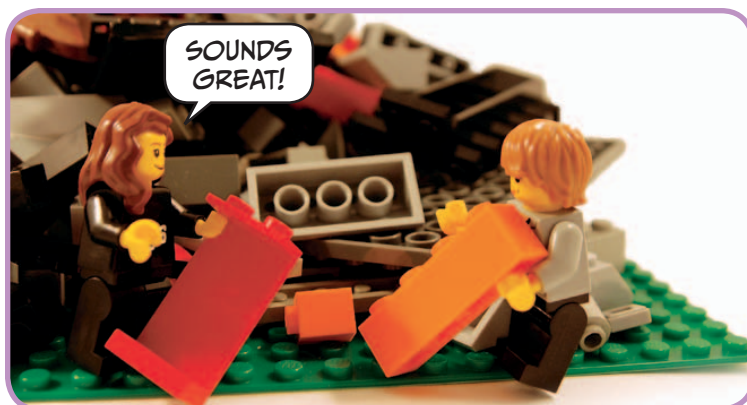
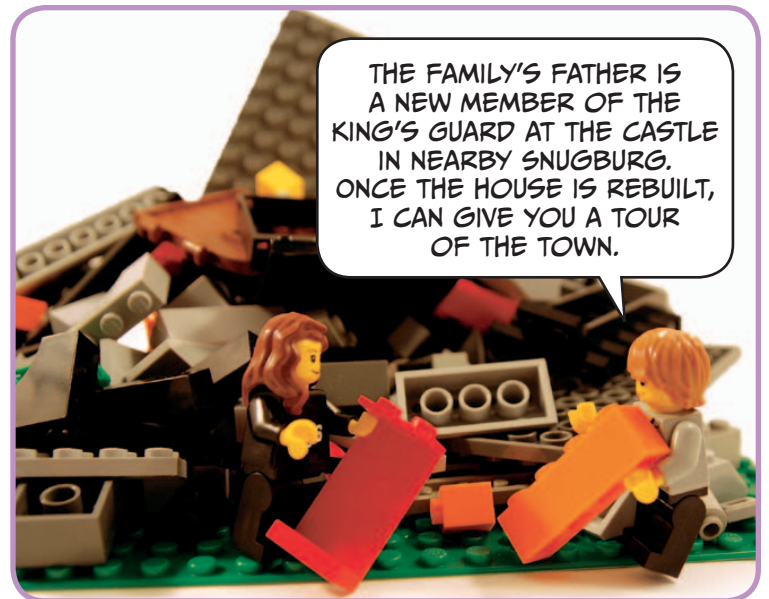
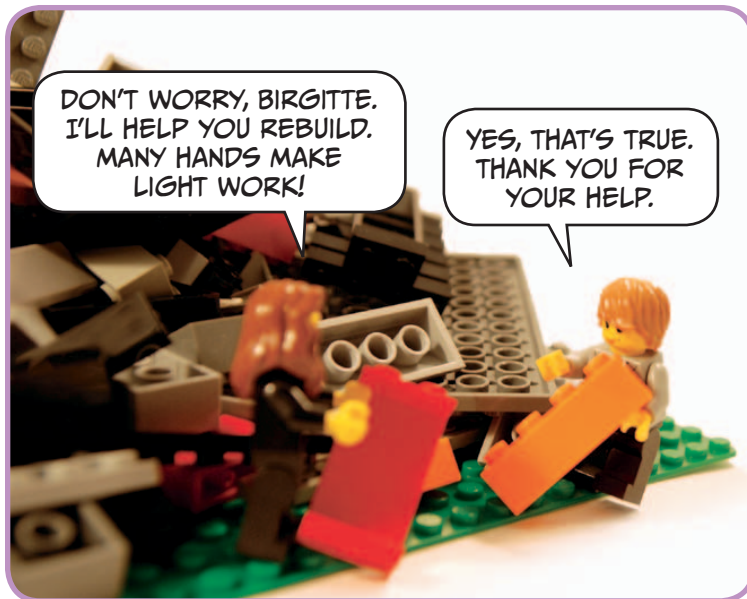
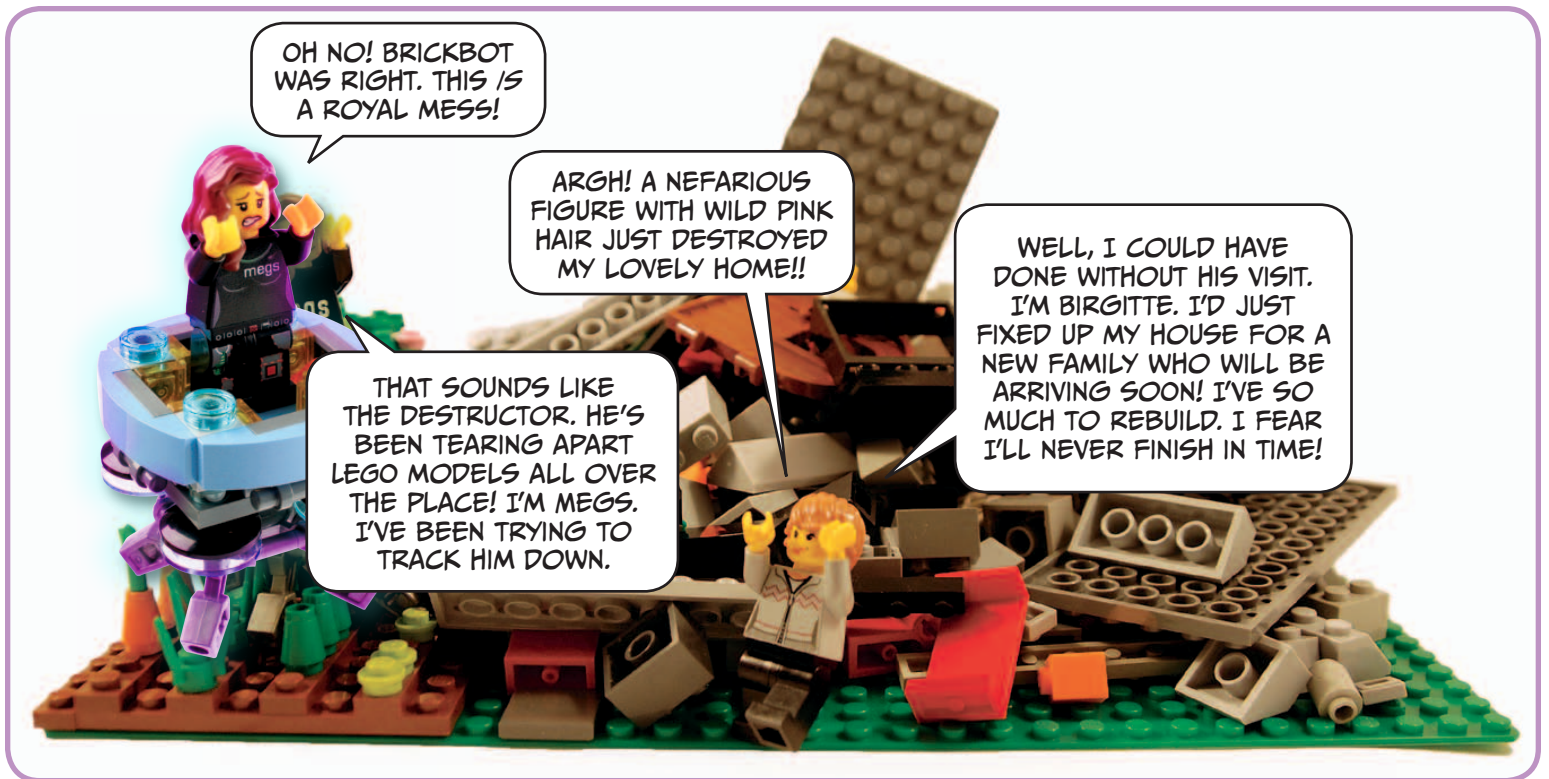
Megs, I have intercepted a transmission about a "royal mess." I think you can be of assistance. Beaming you there now!



I'M ON IT, BRICKBOT.
GOTTA GO, BARNEY.
CHEERS FOR THE TOUR!

FAIR WINDS,
ME BEAUTY!





The Tudors



Birgitte Jonsgard

Nickname: birgburg

Profession: Science Teacher

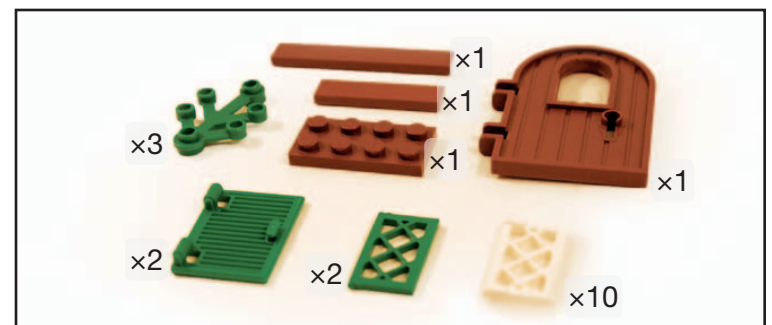
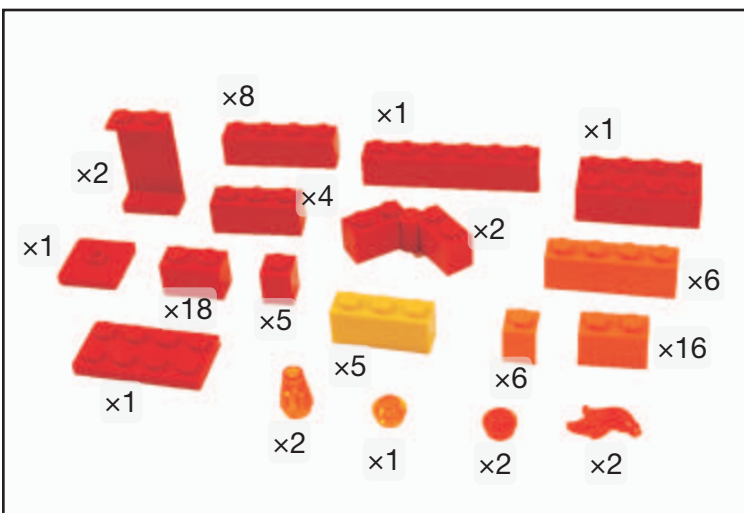
Nationality: Norwegian

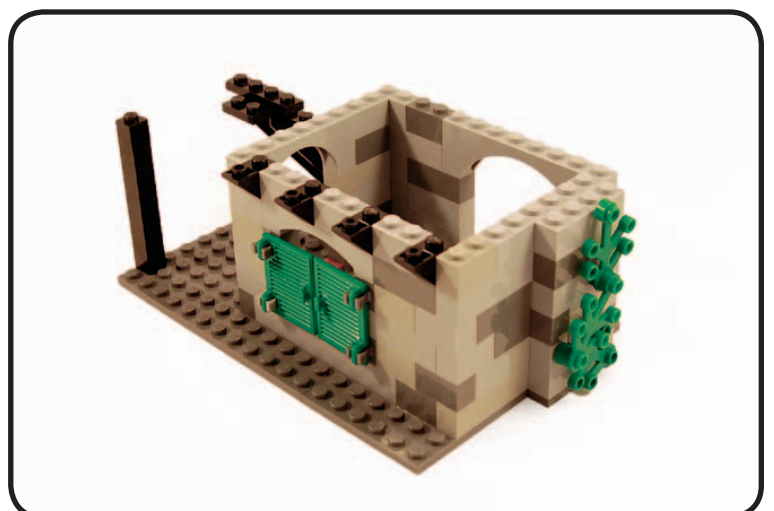
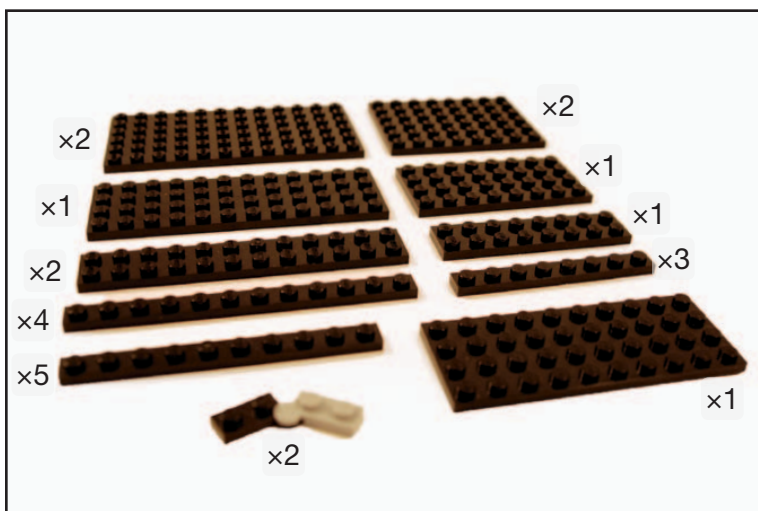
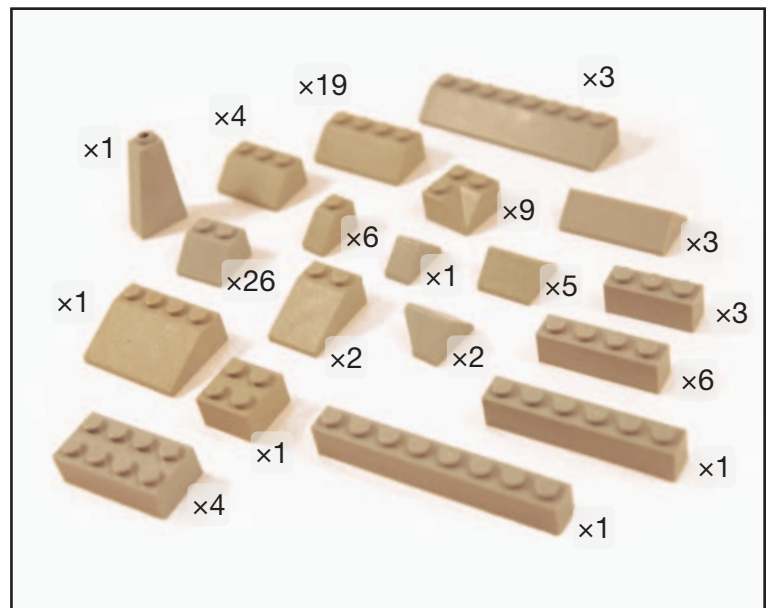
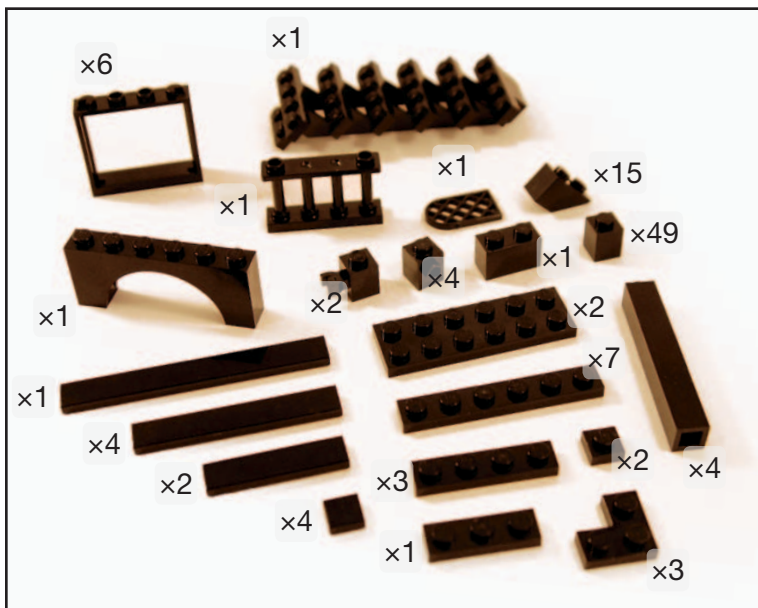
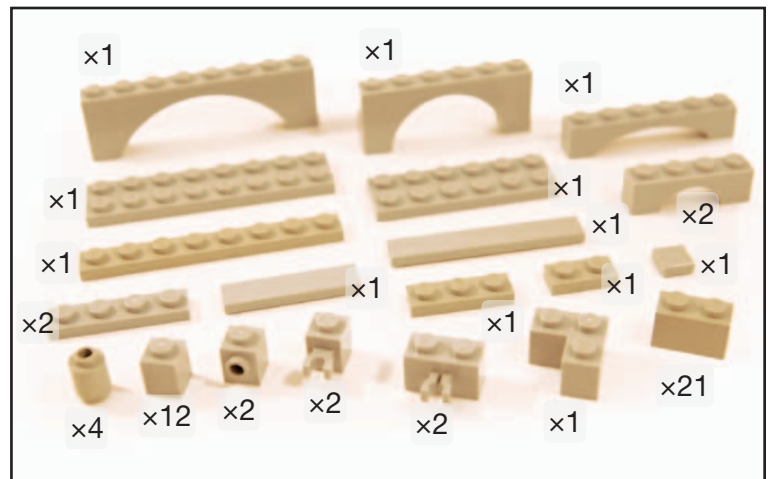
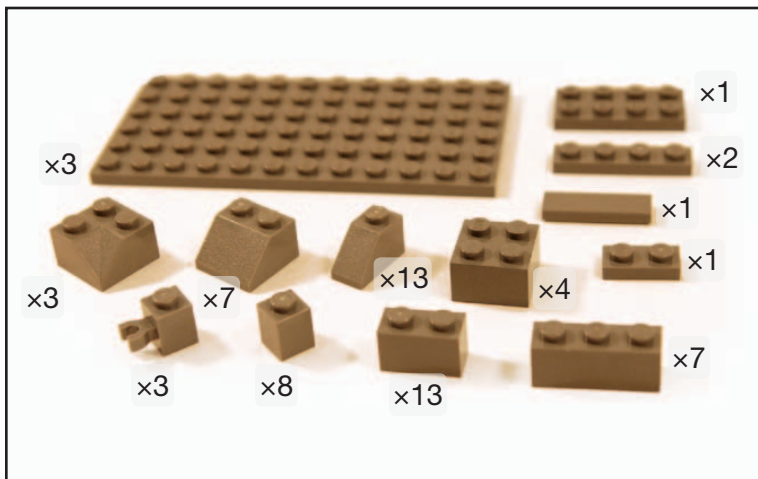
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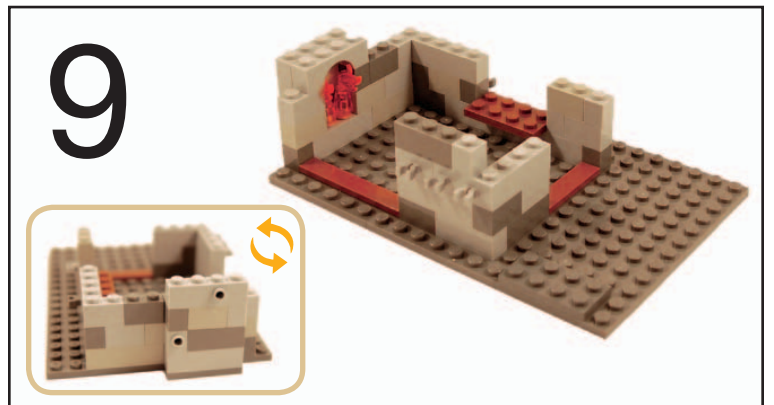
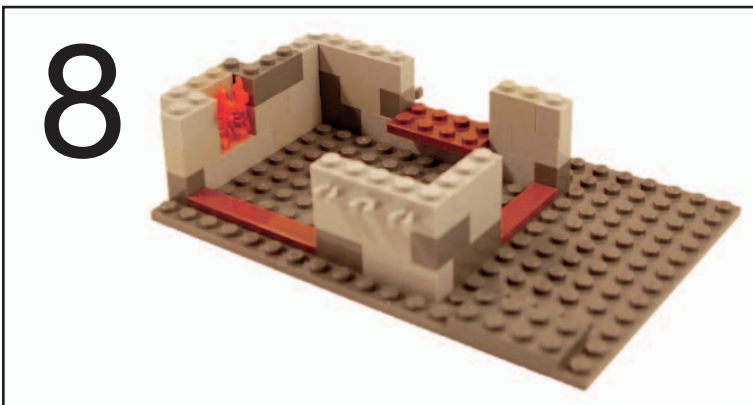
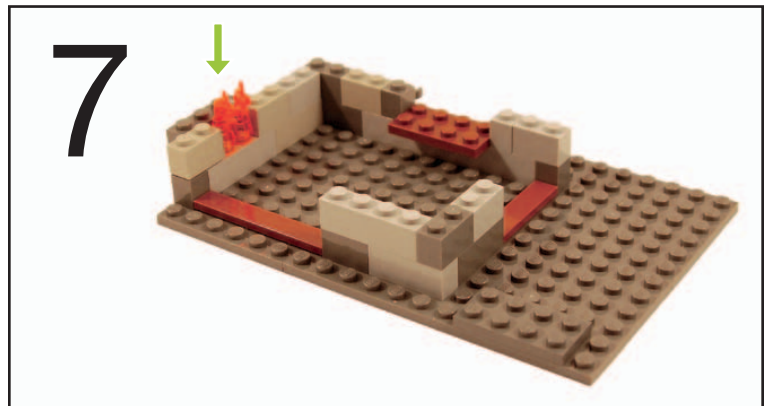
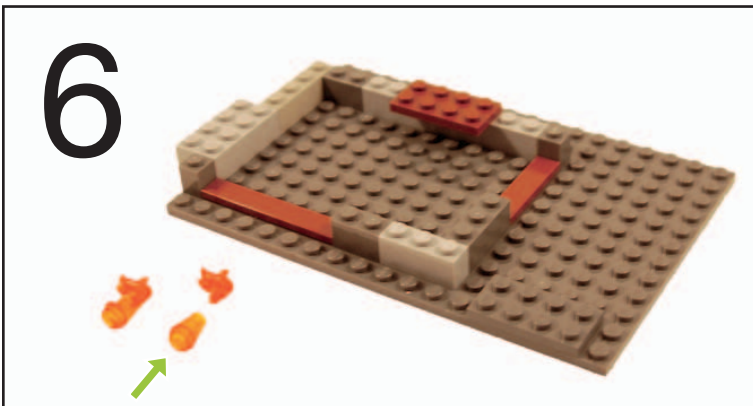
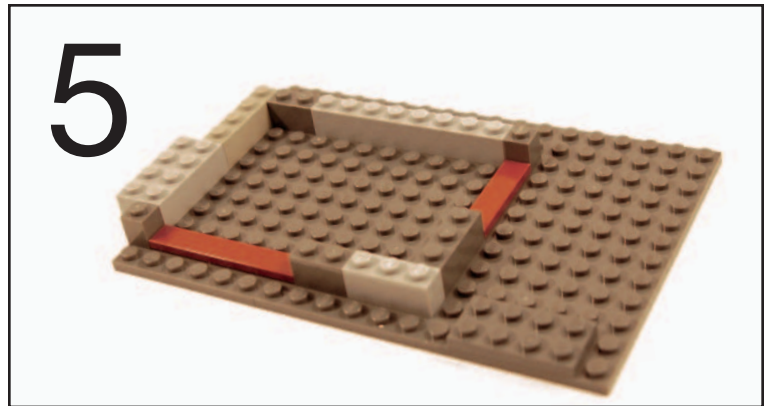
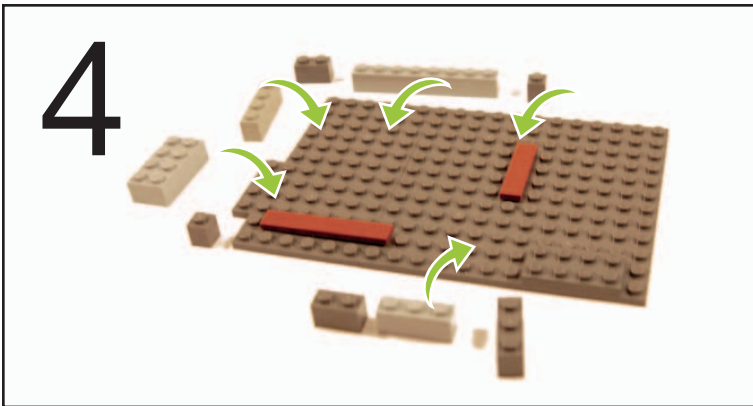
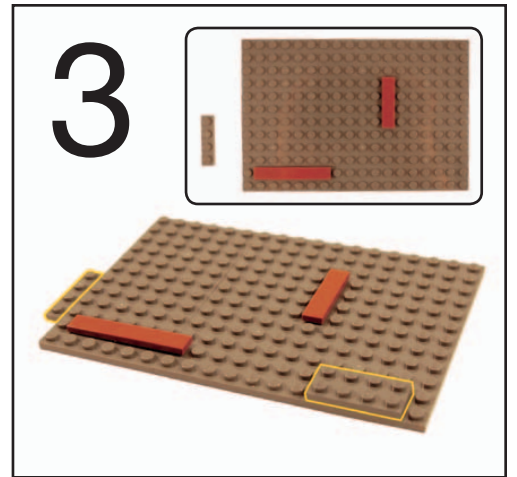
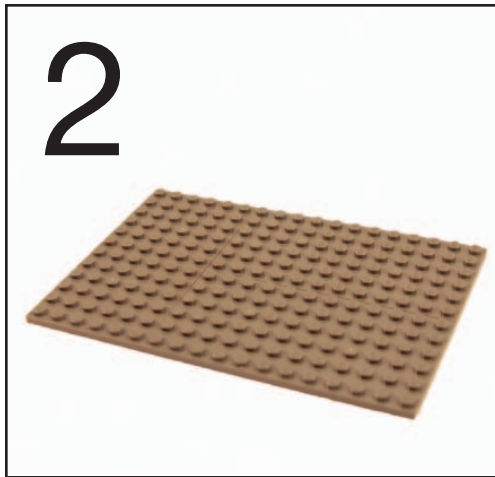
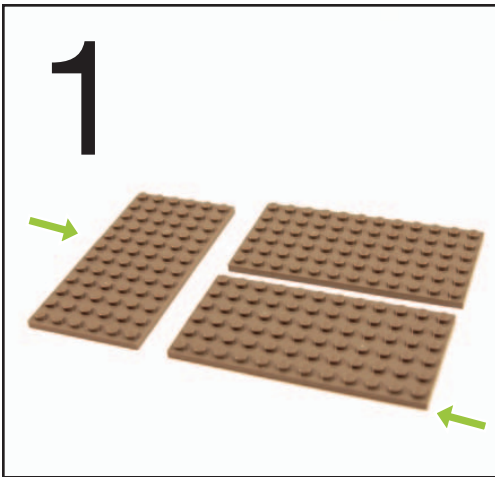
Gingerbread House



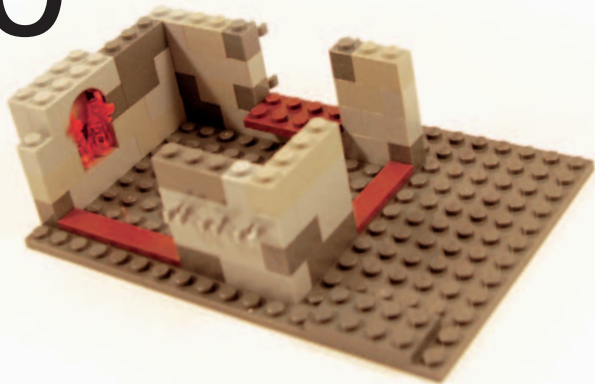
THIS IS A TUDOR-STYLE HOUSE, WHICH MEANS YOU CAN SEE THE STRUCTURAL POSTS AND BEAMS. BE SURE TO TAKE YOUR TIME BUILDING THE ROOF AND KEEP AN EYE OUT FOR HIDDEN FEATURES.



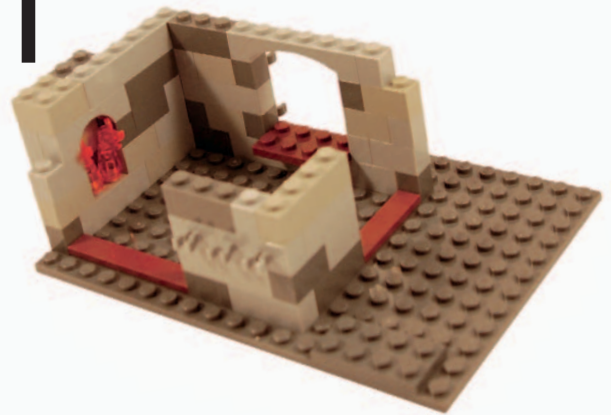




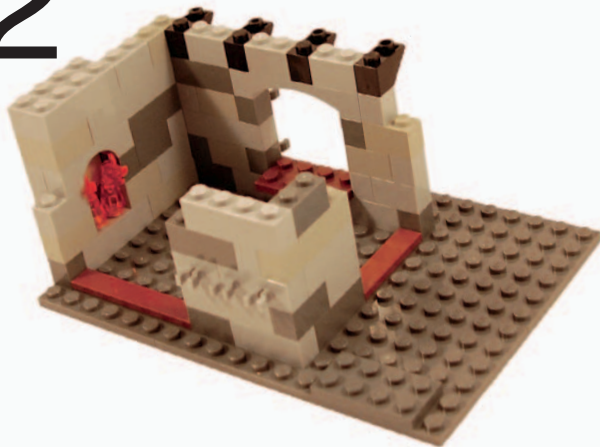
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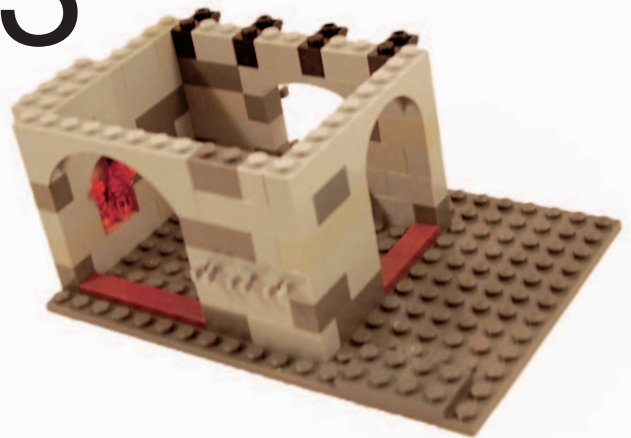
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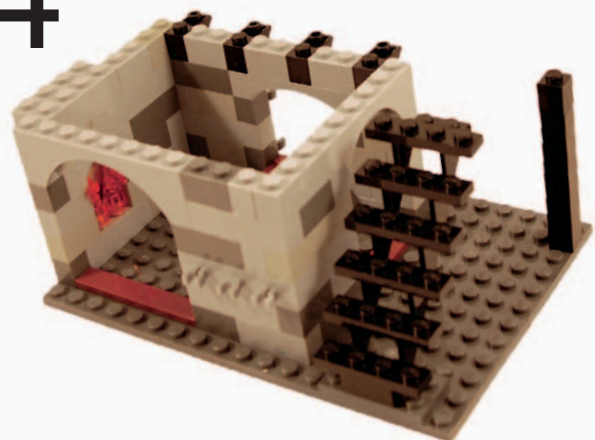
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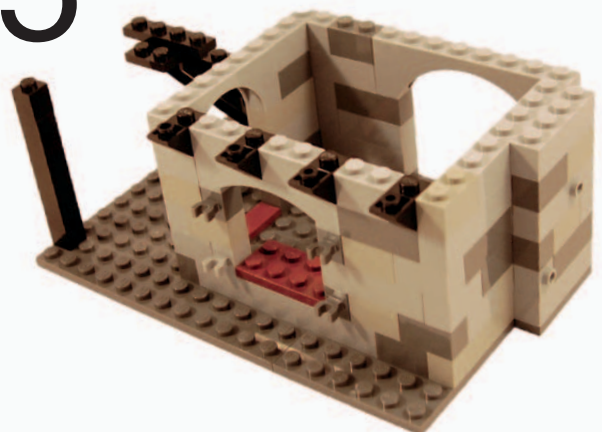
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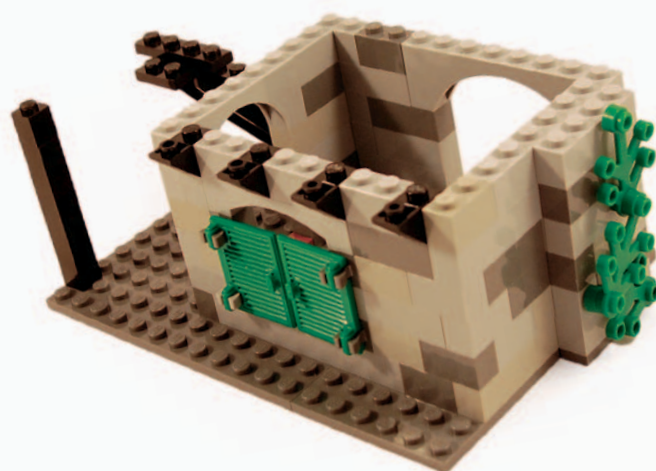
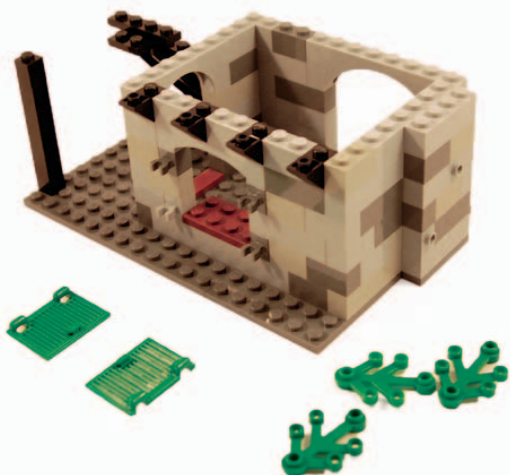
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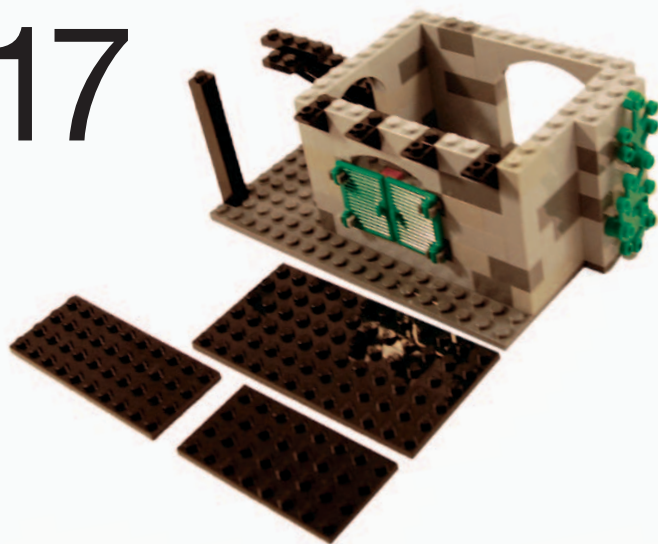
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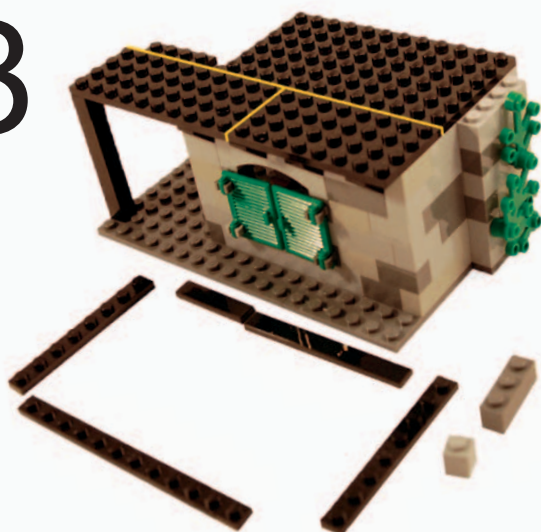
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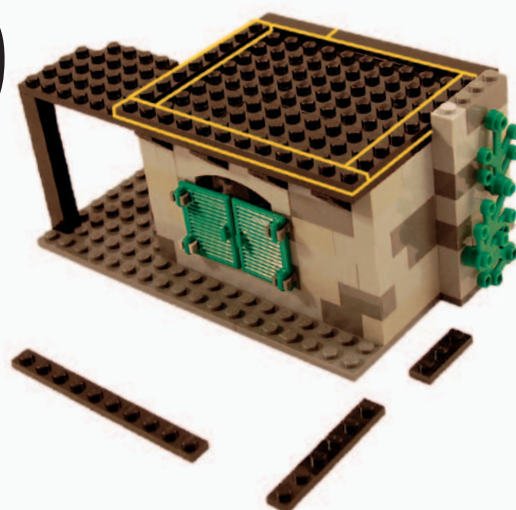
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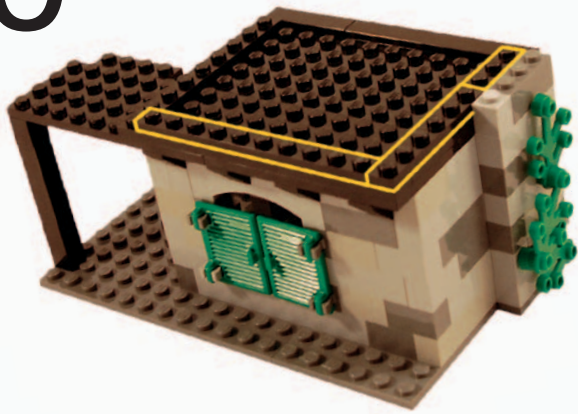
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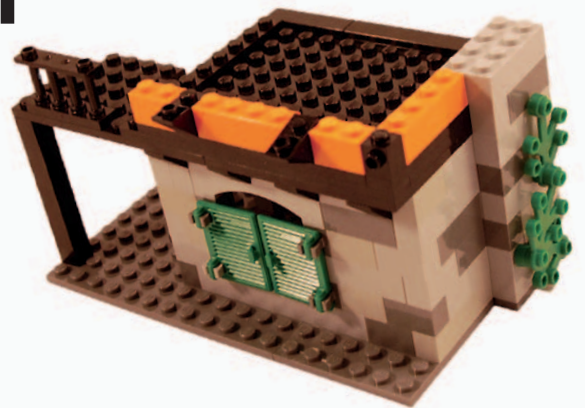
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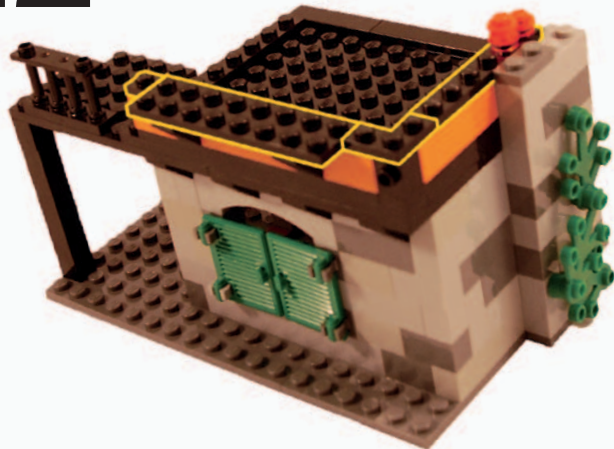
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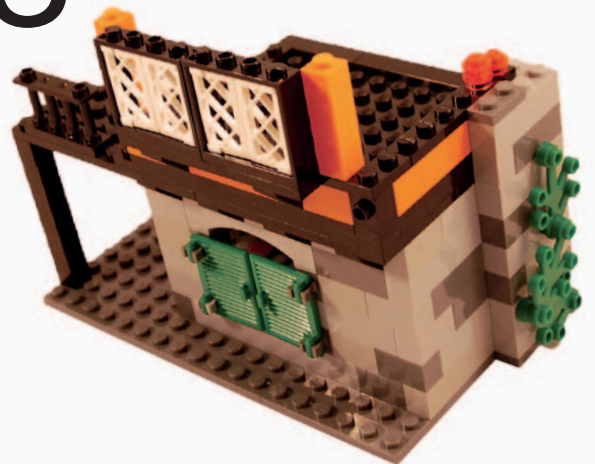
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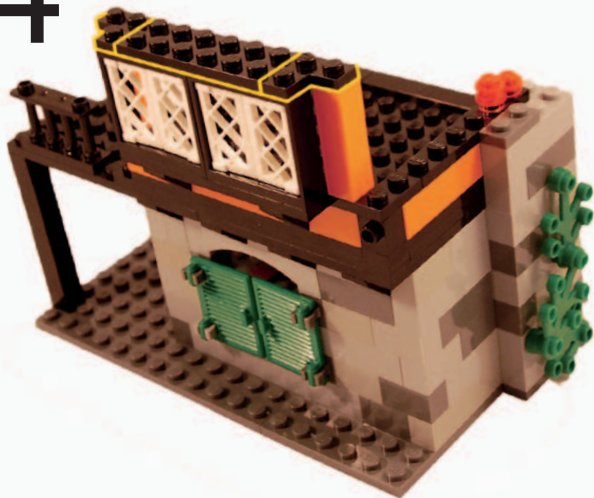
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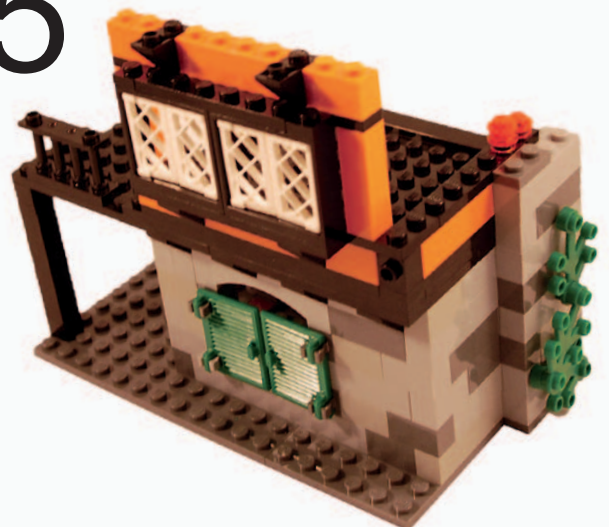
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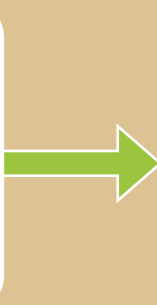
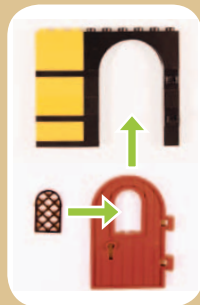
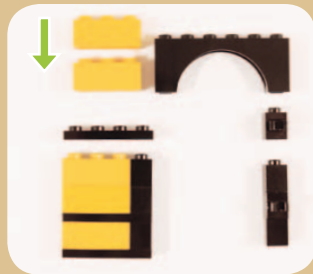
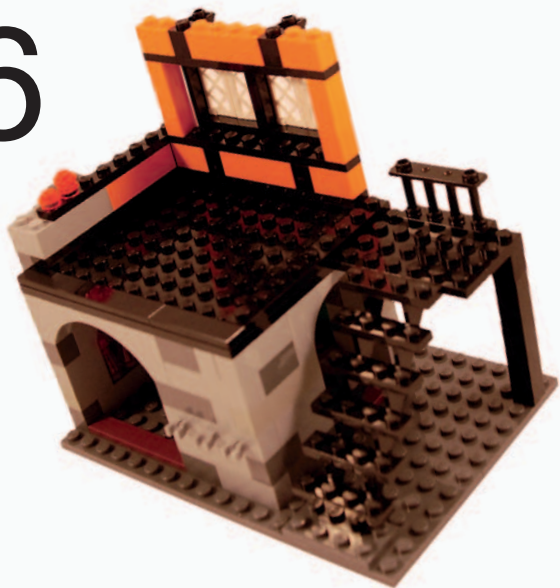
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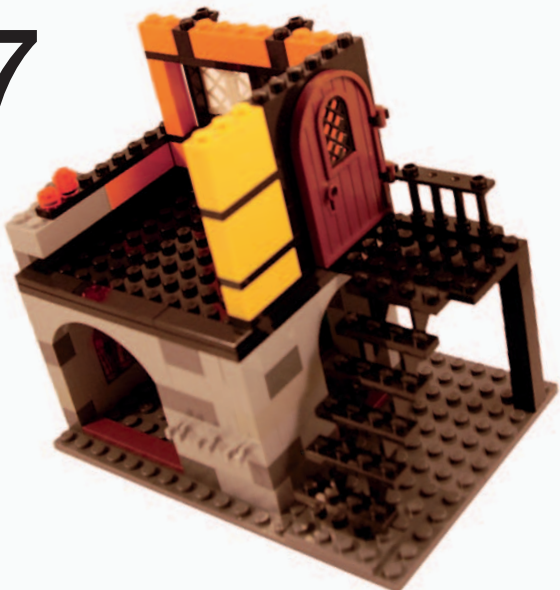
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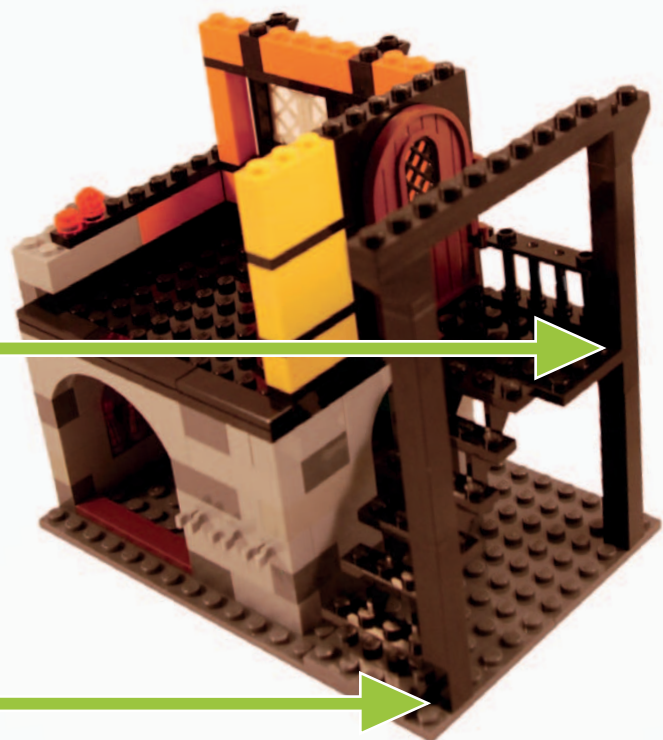
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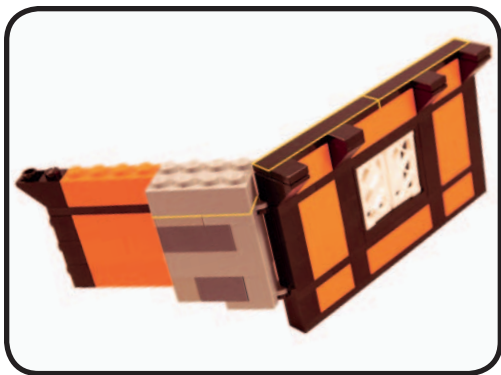


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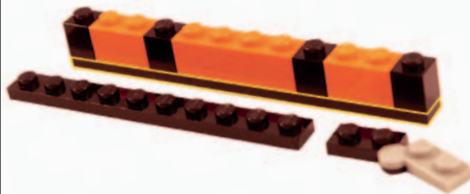


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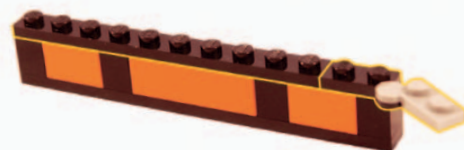




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30



31



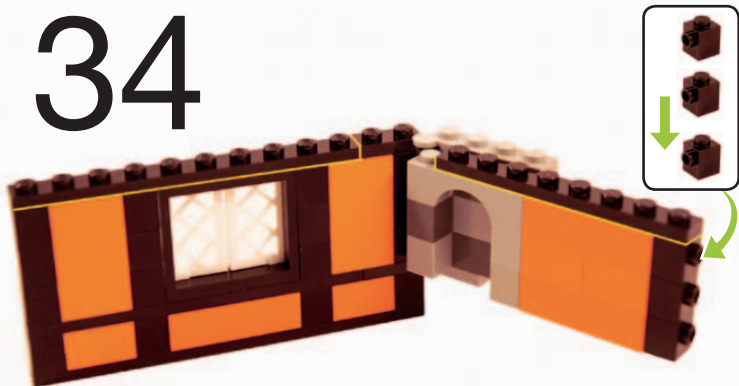
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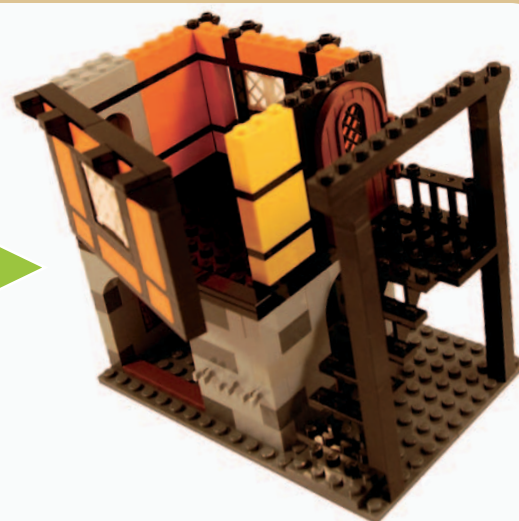
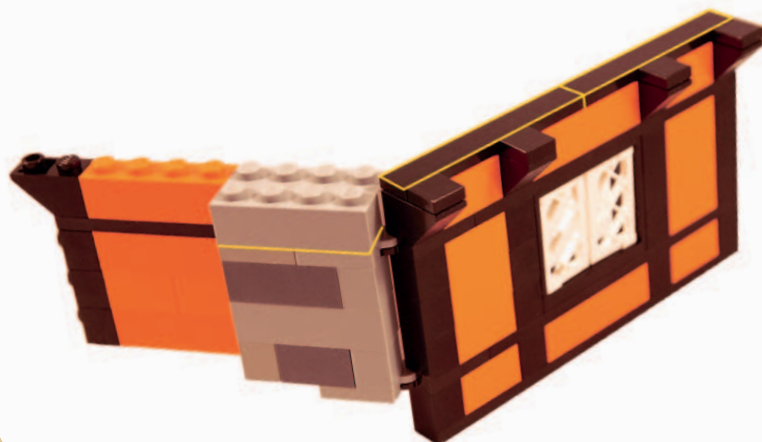
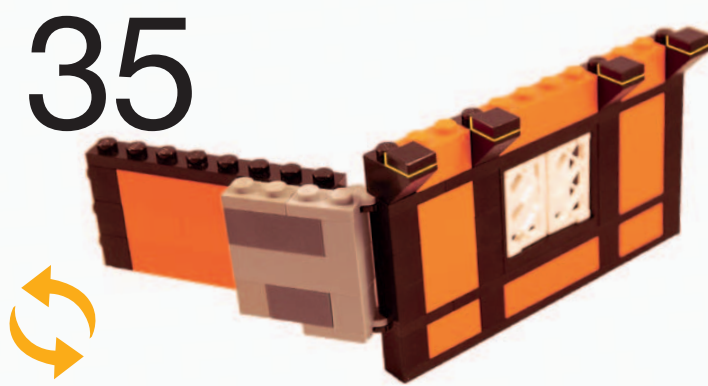
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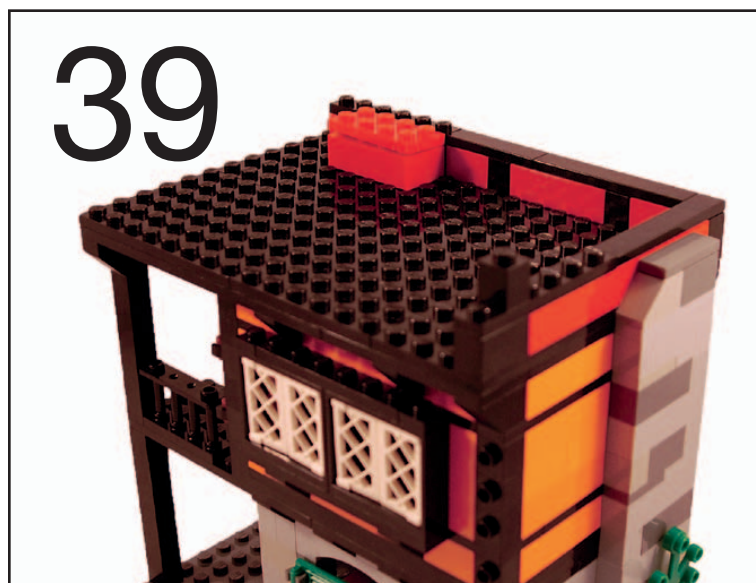
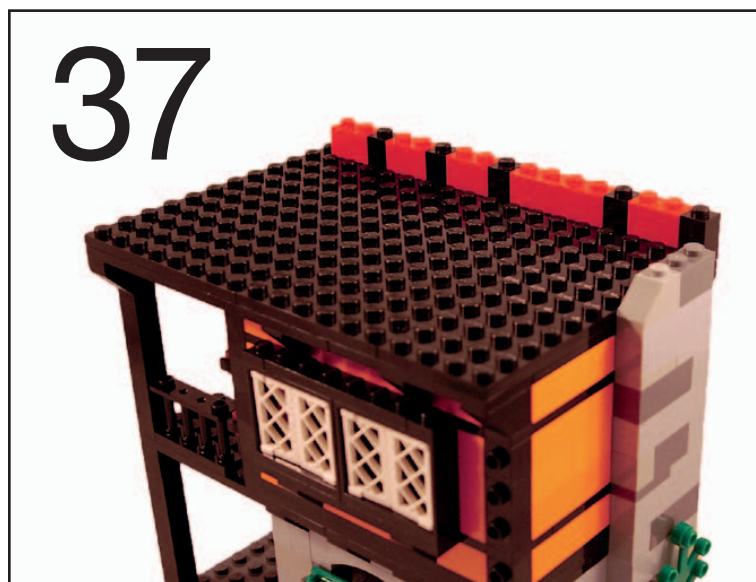
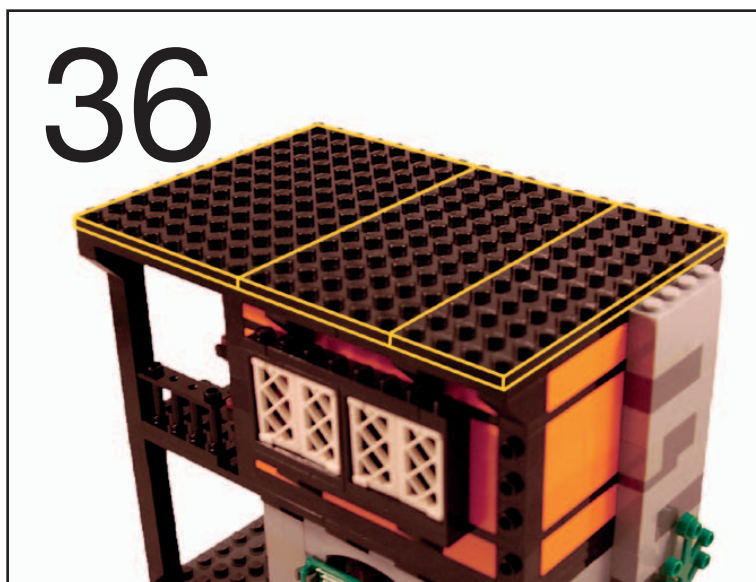
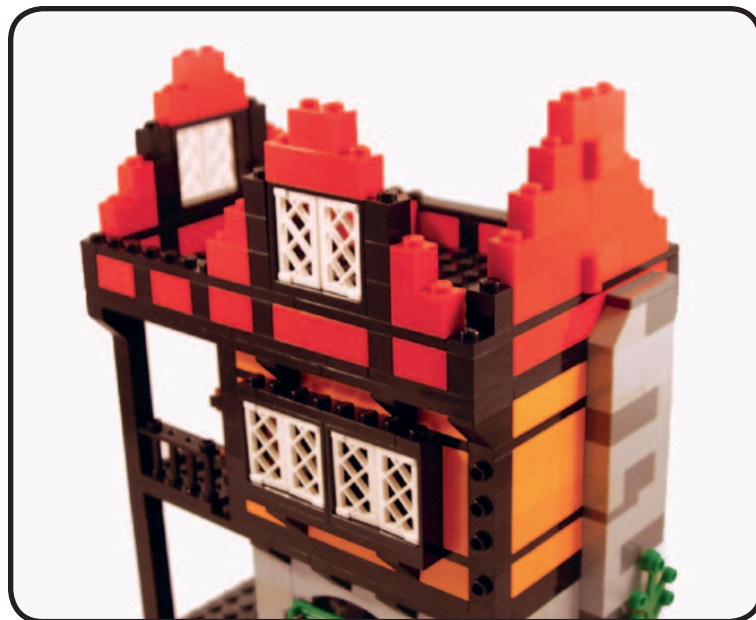
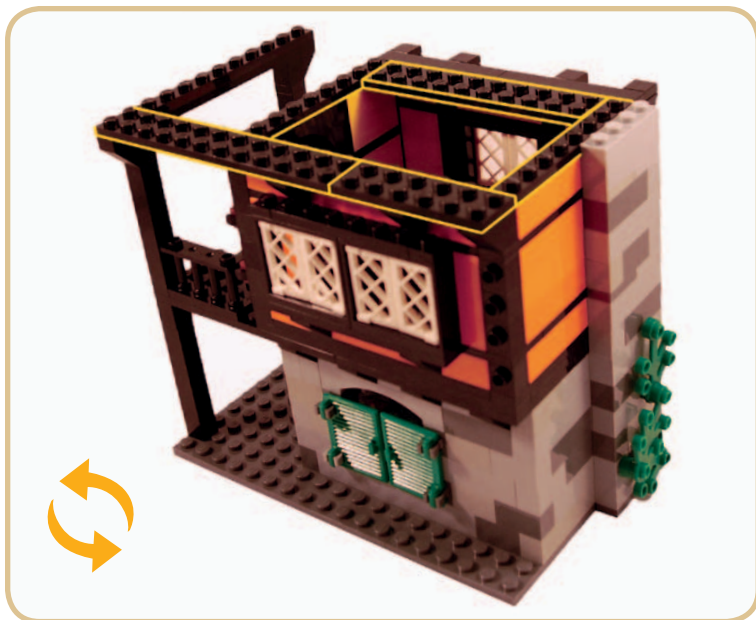


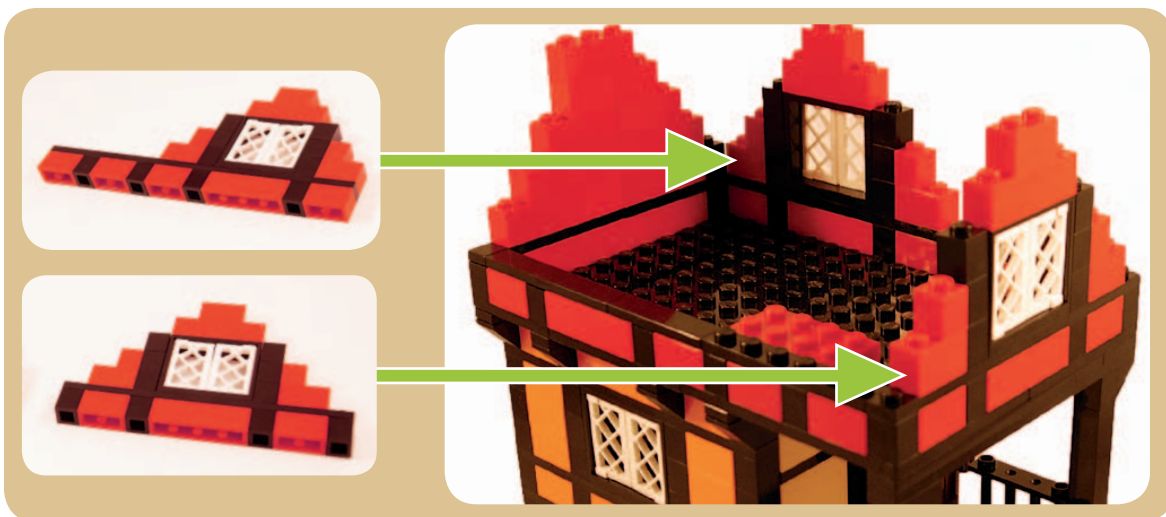
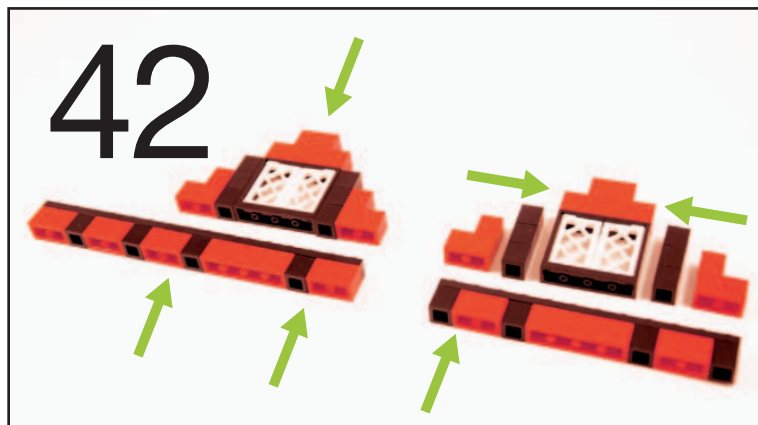
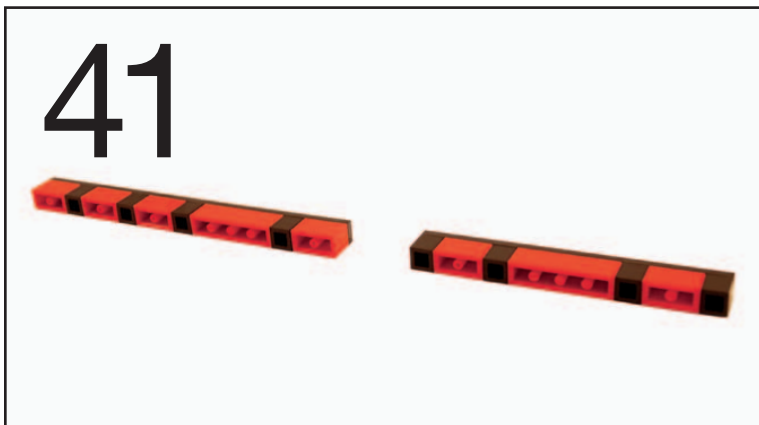
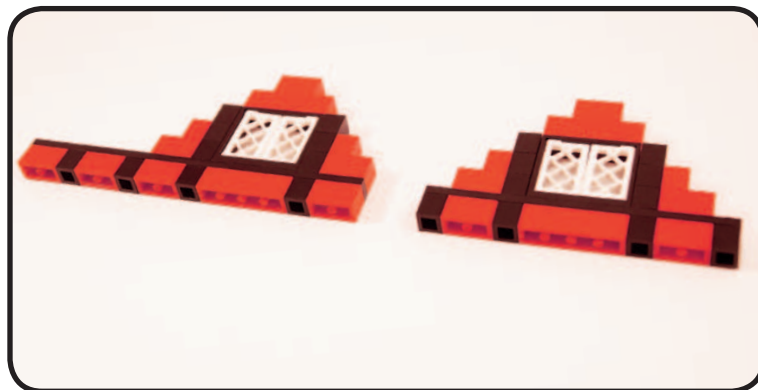
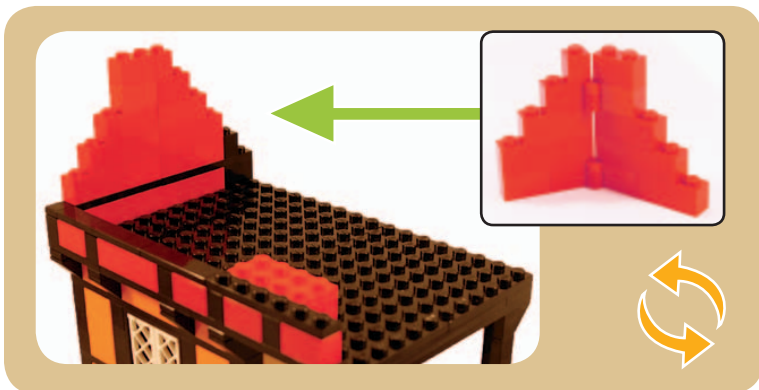
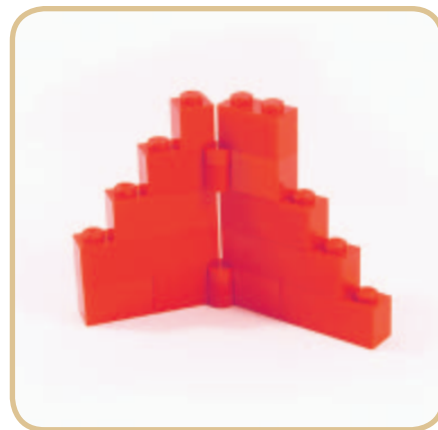
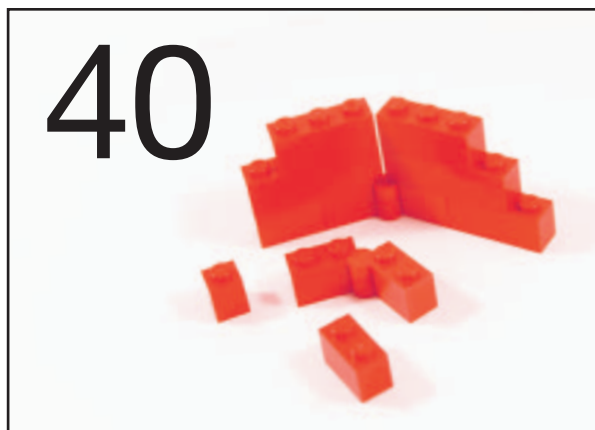
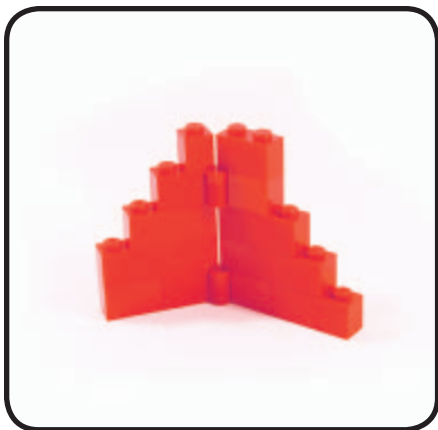
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35

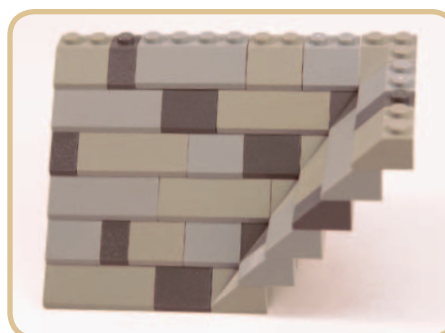
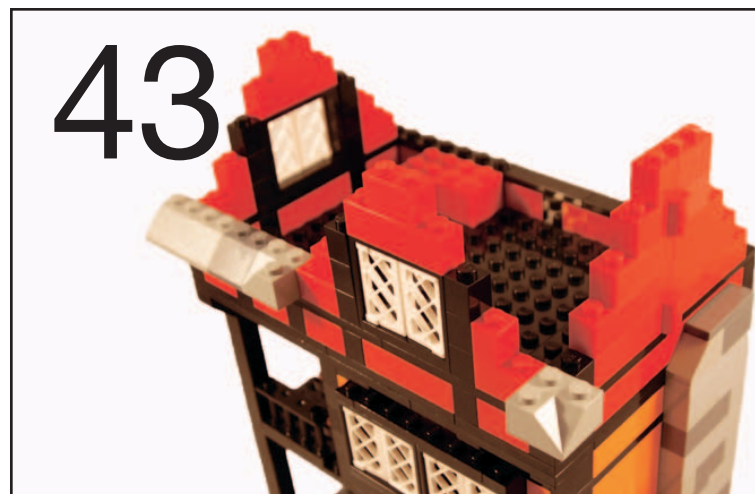


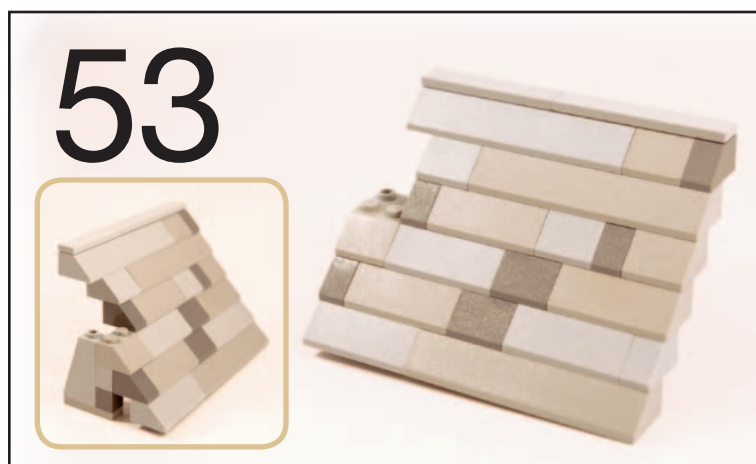
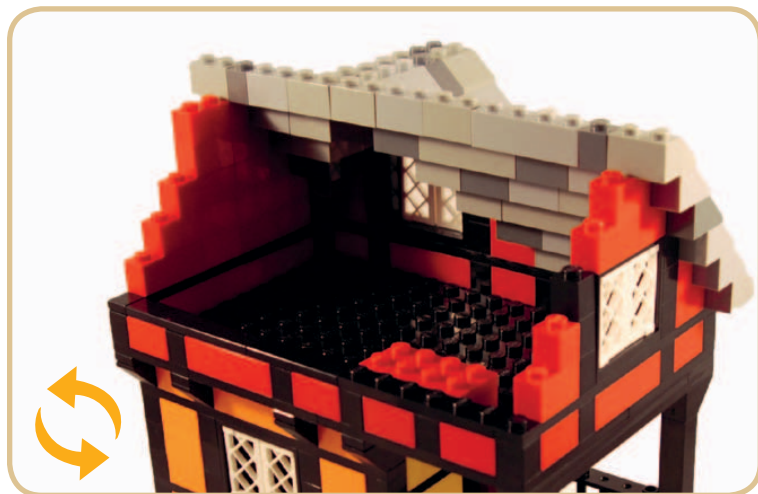




Building Tip

Using black or brown bricks, you can create a gridded frame. Then you can fill the spaces with brighter colors—in this case, yellow, orange, and red. This produces a nice Tudor look.

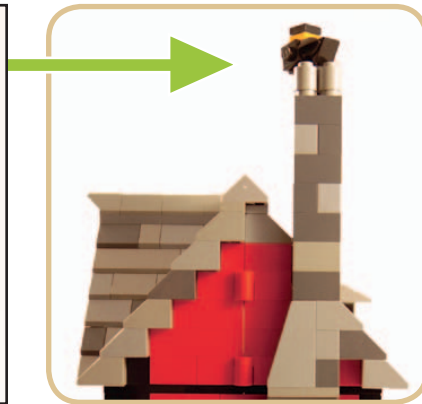






55

This image shows step 55 of a LEGO assembly process. It features a collection of dark grey and light grey LEGO bricks and a yellow piece. Green arrows indicate the assembly sequence: a dark grey 1x2 brick is placed on top of a light grey 1x2 brick, which is then placed on top of a yellow 1x2 brick. A final dark grey 1x2 brick is placed on top of the stack. A small inset image shows the completed assembly, which is a penguin's head.



Before you start building, it might help to sketch your ideas on paper to work out space and perspective.

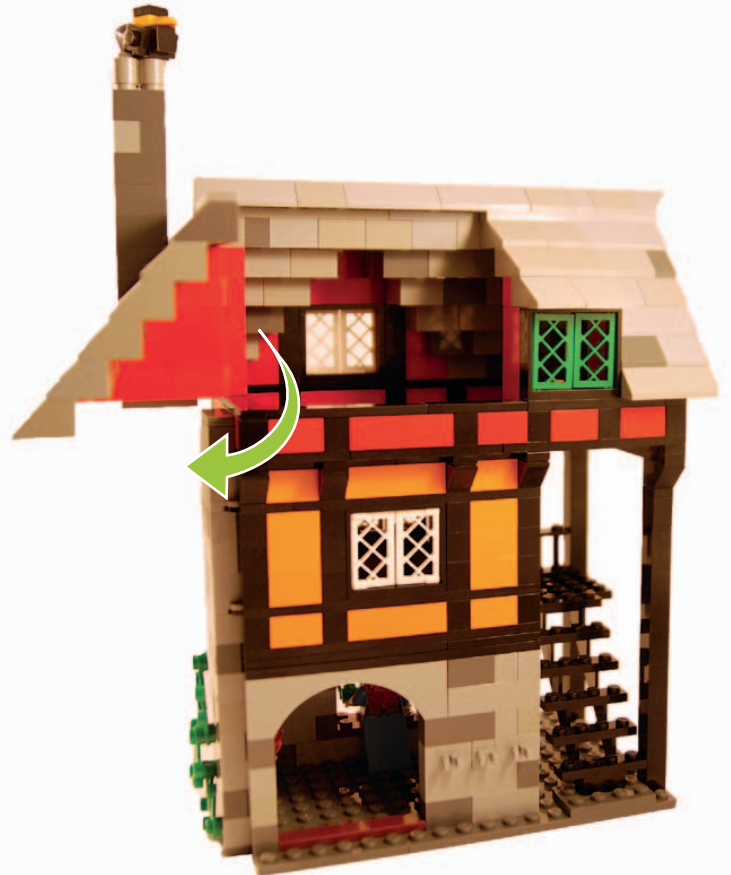
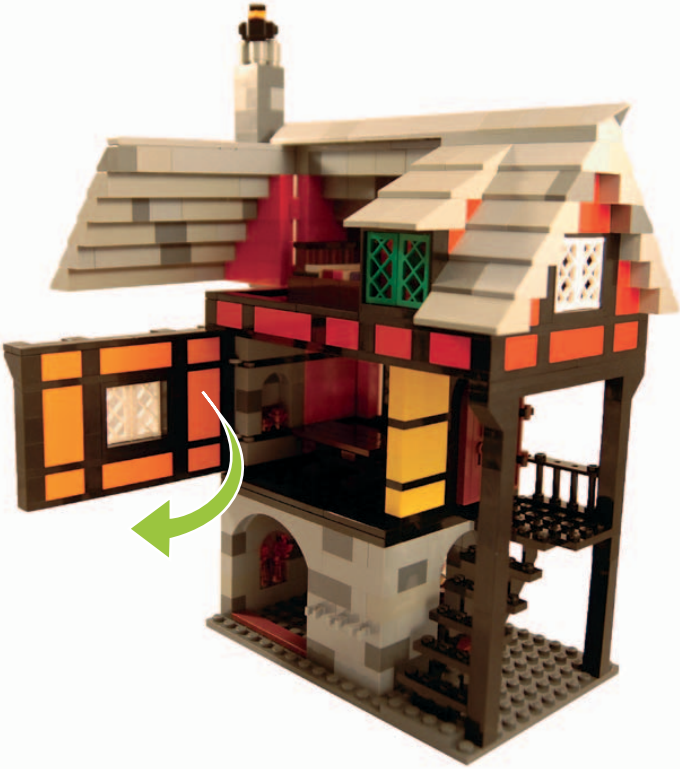




MY HOUSE FEATURES SIDES THAT OPEN. THIS BUILDING DOESN'T HAVE TO BE A HOUSE. BY CHANGING THE INTERIOR, YOU CAN MAKE IT ANYTHING YOU WISH: A BAKERY, A BUTCHER'S SHOP, A SMITHY, OR A TAVERN.

Building Tip

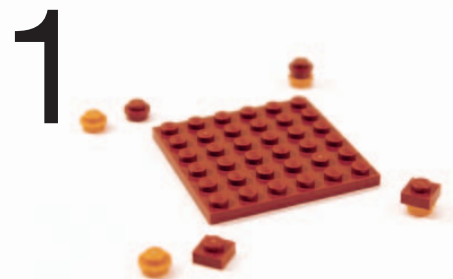
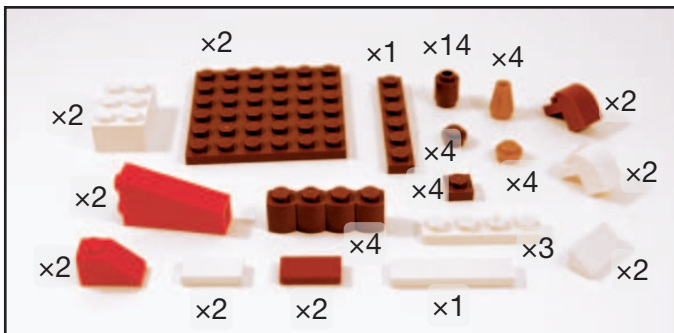
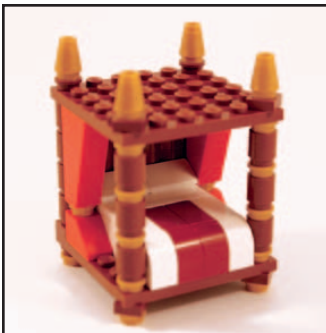
When building a house, it is nice to include a wall or two that can open, so you can easily place furniture and minifigures inside.

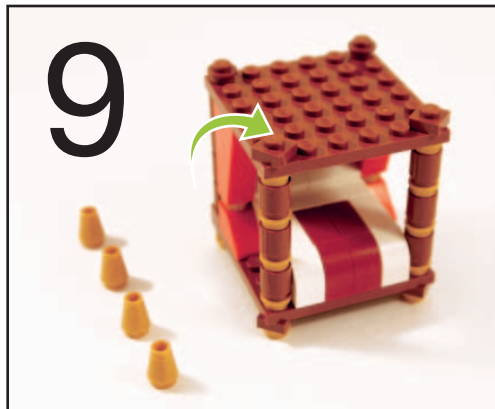
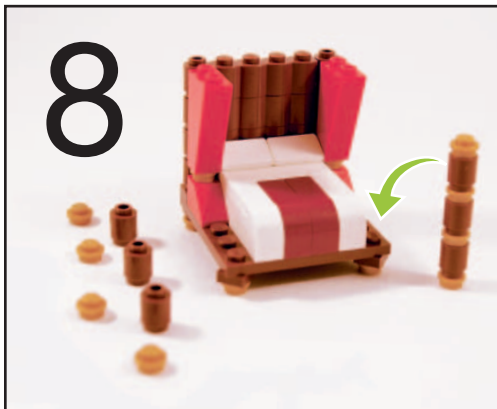
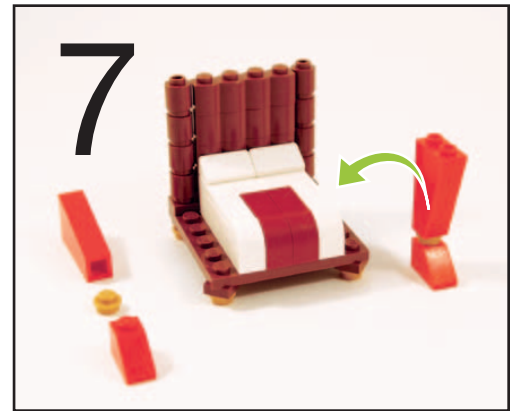
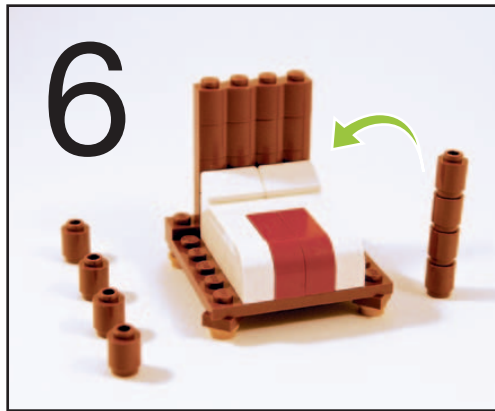
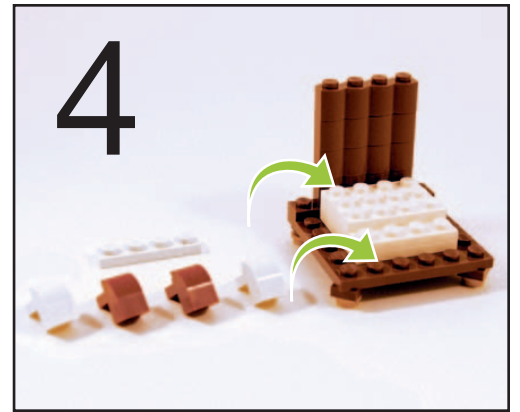
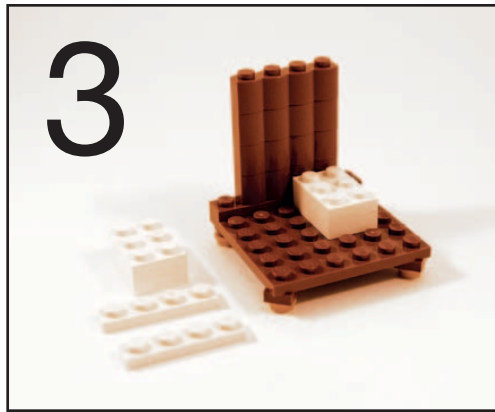
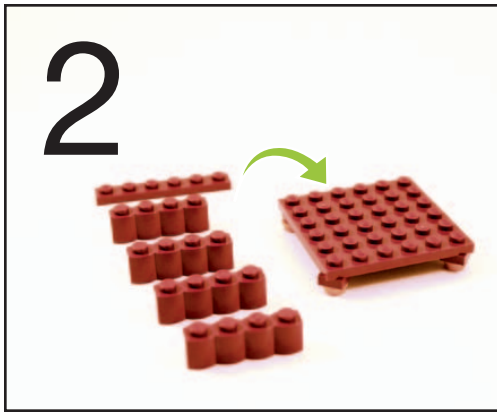


ONCE YOU HAVE BUILT YOUR HOUSE, ADD SOME FURNITURE TO COMPLETE IT.

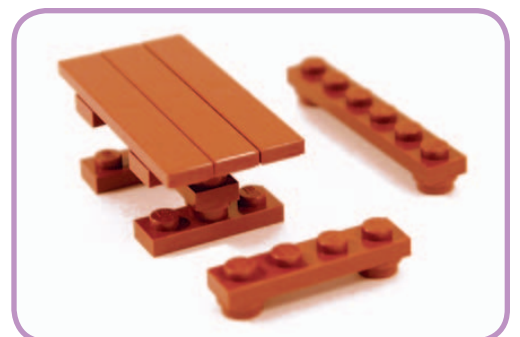
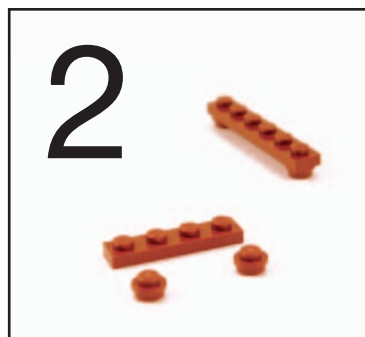
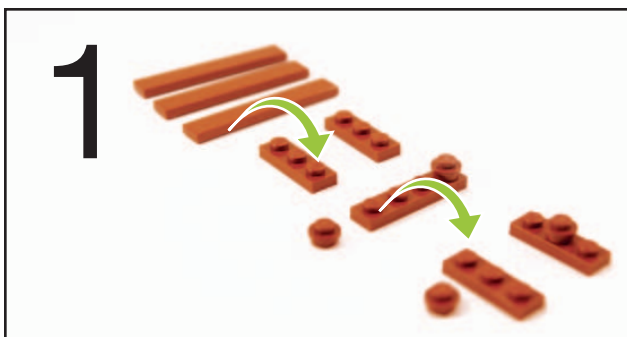


Four-Poster Bed

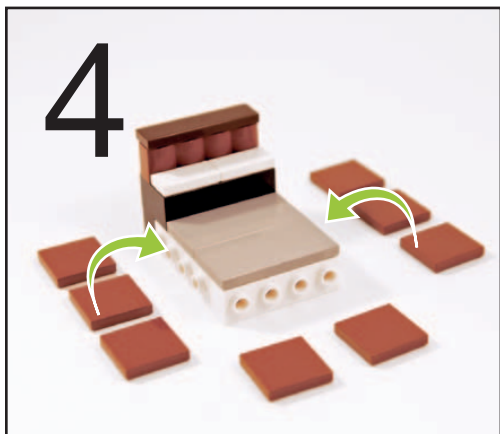
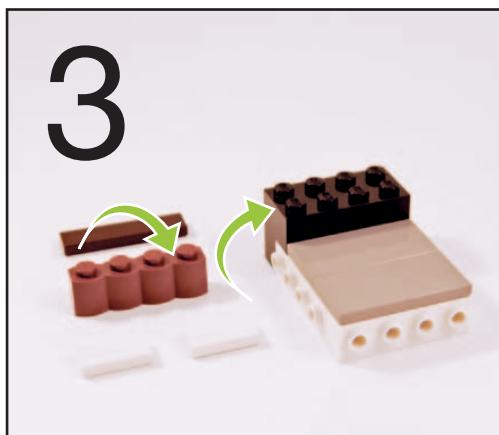
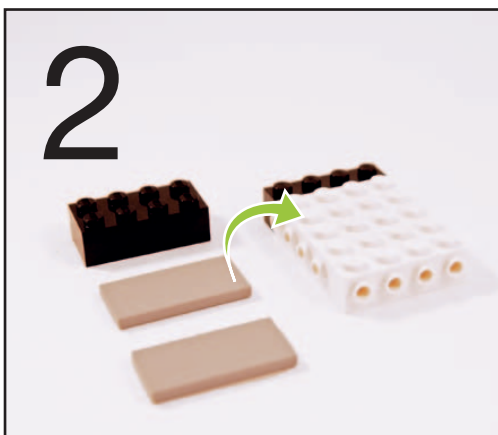
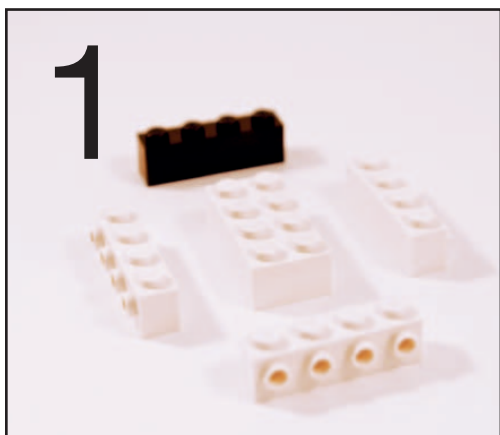
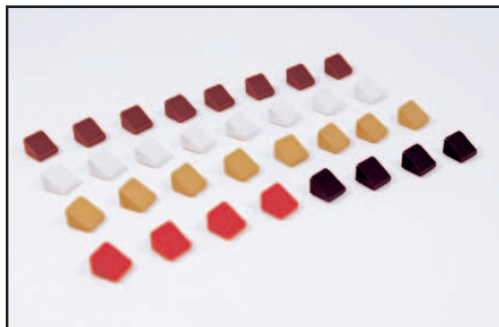
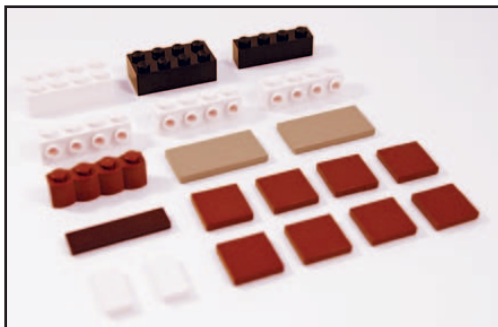




Dining Table

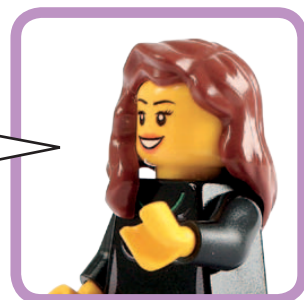


Quilt Bed

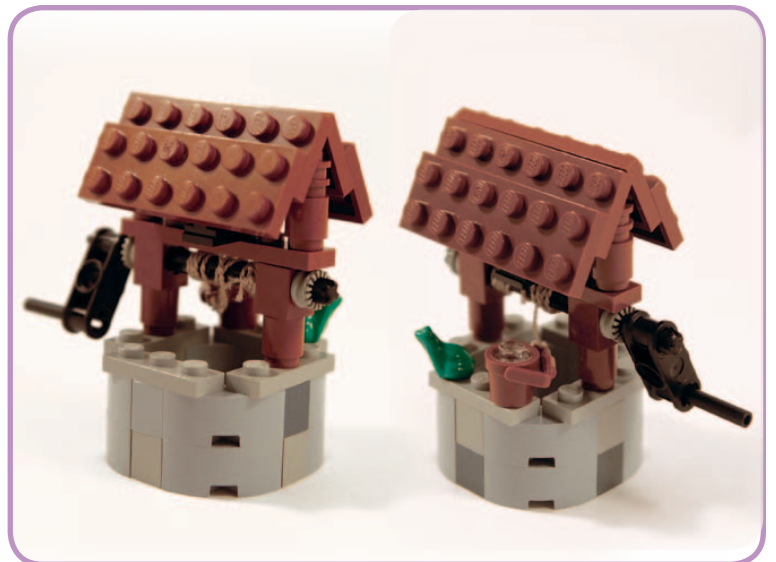


I'VE AN IDEA! LET'S ADD A GARDEN AND MAKE THINGS NICE FOR THE NEW FAMILY.

GOOD THINKING! WHY DON'T WE START WITH SOME OF YOUR PLANTS AND TREES?



In the Garden





THERE, THAT LOOKS MUCH BETTER! JUST IN TIME. YOU GO HIDE, MEGS, AND I'LL CHANGE INTO PERIOD DRESS SO THE NEW FAMILY DOESN'T GET CONFUSED.



Building Tip

Flowers and plants really brings a LEGO display to life. It only takes a few brightly colored LEGO bricks to build some plants, and an old barrel or crate can make a nice planter box for them.

Snugburg



WELCOME TO SNUGBURG!
THERE IS A LOT GOING ON
HERE. EACH SIDE OF TOWN
TELLS A DIFFERENT STORY.



Building Tip

When building a town or other large LEGO structure, the best way to keep a coherent look is to repeat design features in several places. This will prevent things from becoming too chaotic and give your model a cleaner look.





Life in Snugburg



BUILDING JOURNAL

I really enjoyed meeting Birgitte and seeing her brilliant models! Her use of bright colors with more muted black and brown timber framing creates a medieval look that's fun and whimsical. She told me how she likes to build scenes and create stories for her minifigures. This brings them to life. Snugburg is cleverly built on a single 48×48 stud LEGO base plate and is a great example of how you can build an entire city incorporating different looks into each side within a condensed space. The stonework of the castle blends seamlessly into the Tudor buildings. I should keep these techniques in mind for the next addition to my Idea Lab!



Building Tip

You can group colors—for example, warm colors like yellow, orange, red, and brown or cold colors like blues and purples. Or you can contrast them, as Birgitte has, to make parts of your model stand out.



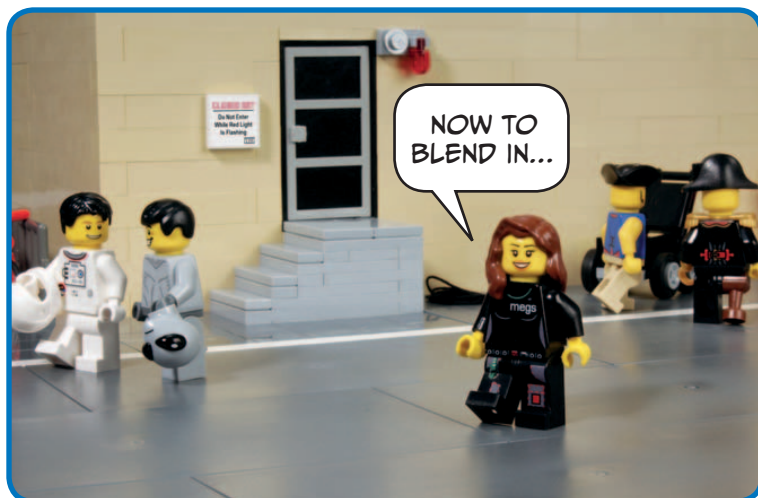
WOW, SNUGBURG LOOKS LIKE A REALLY FUN PLACE TO LIVE! BUT I HAVE TO GET BACK ON THE TRAIL OF THE DESTRUCTOR NOW. THANKS FOR SHOWING ME AROUND, BIRGITTE!

YOU ARE MOST WELCOME, MEGS. IT WAS MY PLEASURE. GOOD LUCK APPREHENDING THAT MAD DESTRUCTOR!

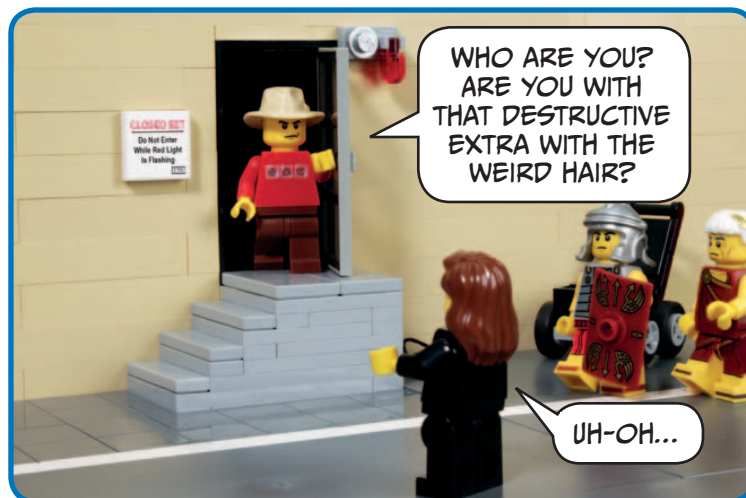




WHOA, WHAT IS THIS PLACE? Hmm...NO SIGN OF ANY DESTRUCTION, I'D BETTER STASH MY TRANSPORT-O-LUX AND INVESTIGATE.



NOW TO BLEND IN...



WHO ARE YOU? ARE YOU WITH THAT DESTRUCTIVE EXTRA WITH THE WEIRD HAIR?

UH-OH...

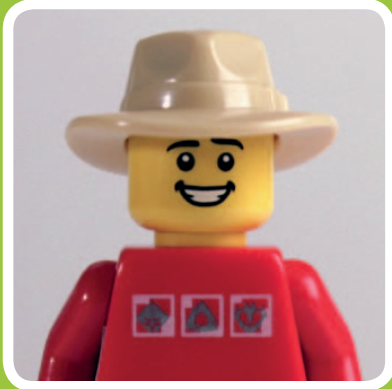


NOT EXACTLY. I'M MEGS. HE DIDN'T DESTROY TOO MUCH, DID HE?



I'M TOMMY. LET'S GO INSIDE—I'LL SHOW YOU WHAT HE WRECKED.

On Set: STAR CLUTCH



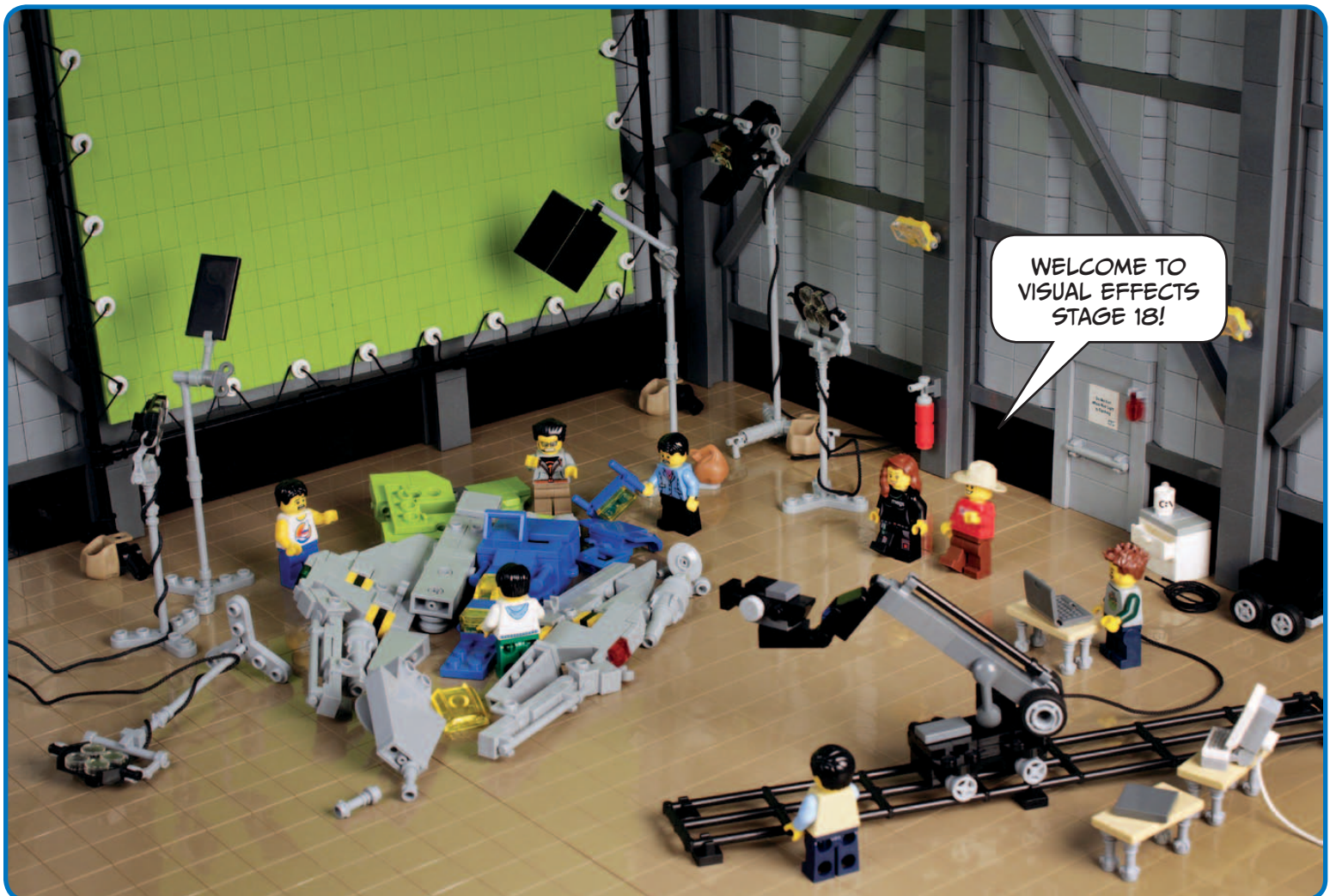
Tommy Williamson

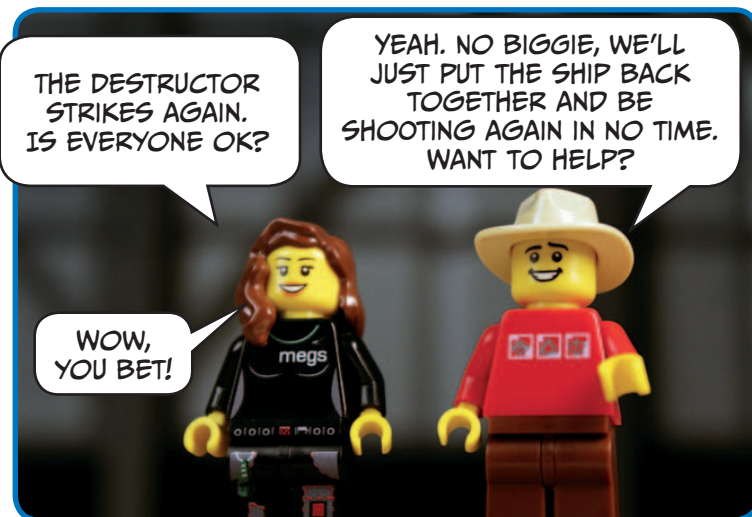
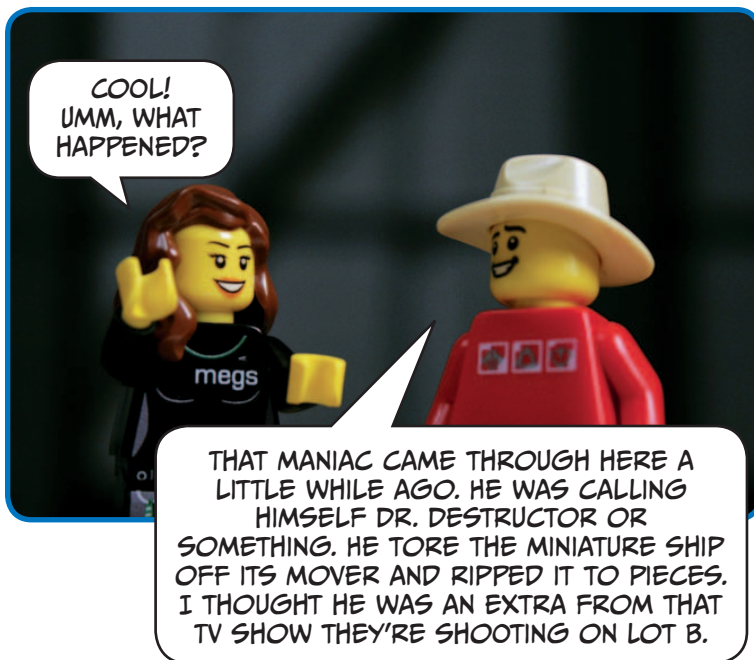
Nickname: Geekytom

Profession: Brick Artist

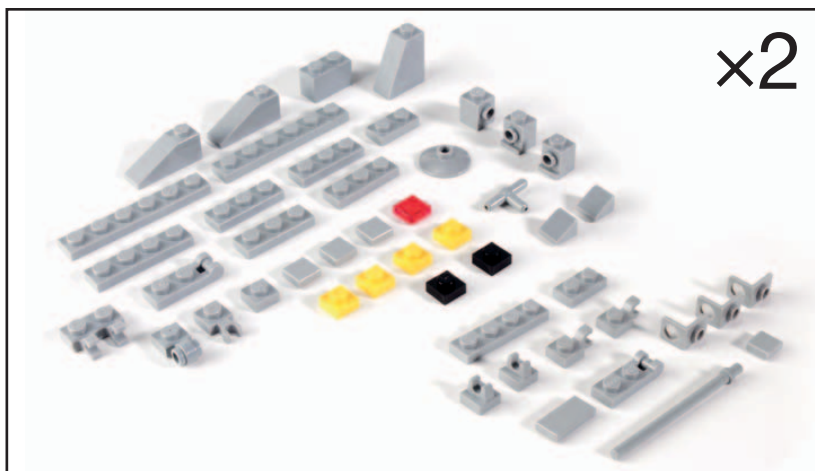
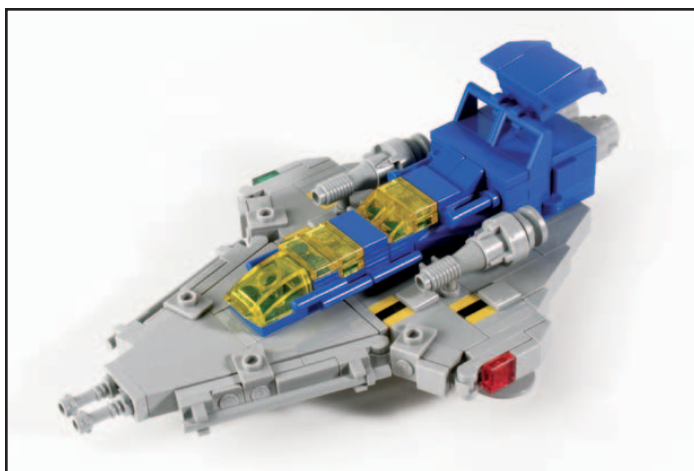
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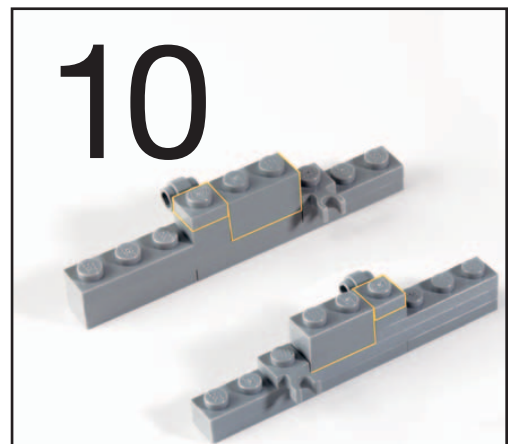
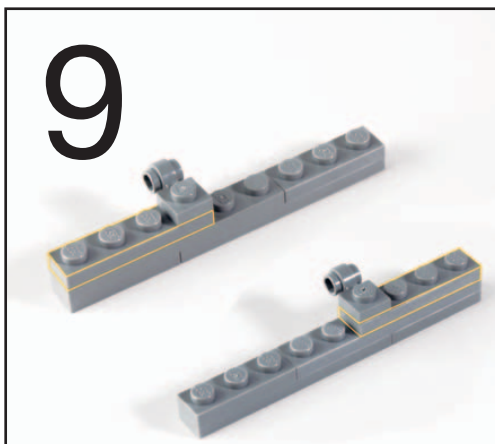
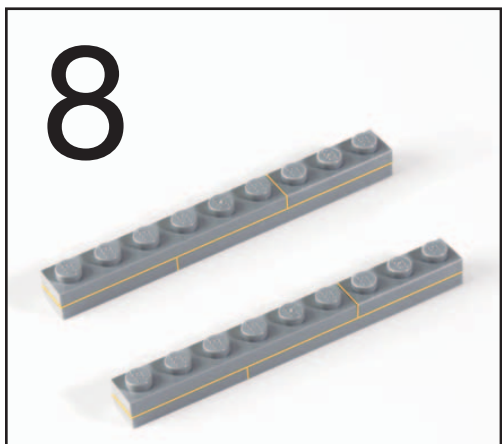
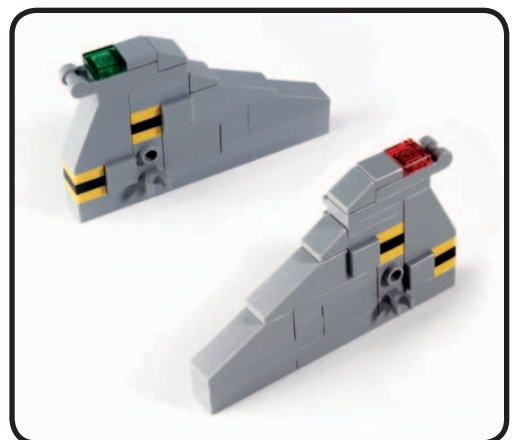
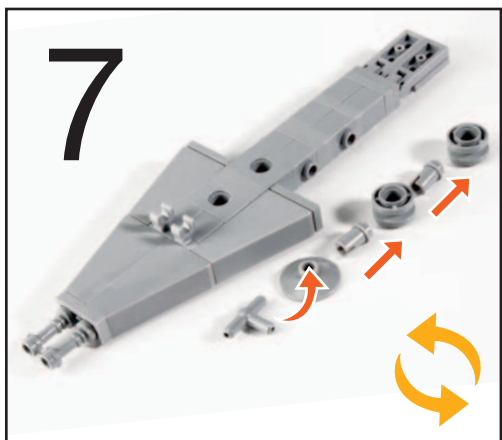
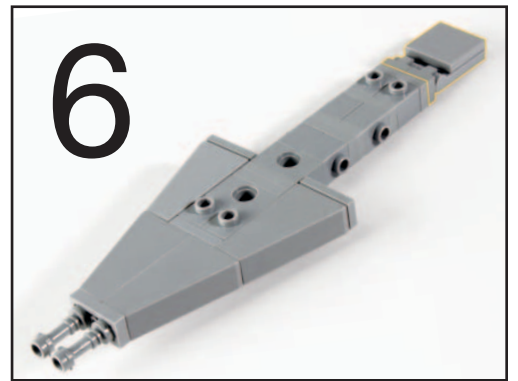
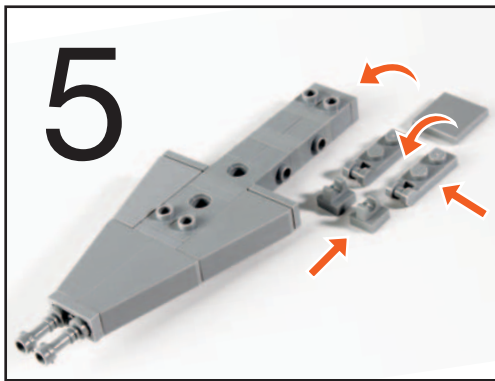
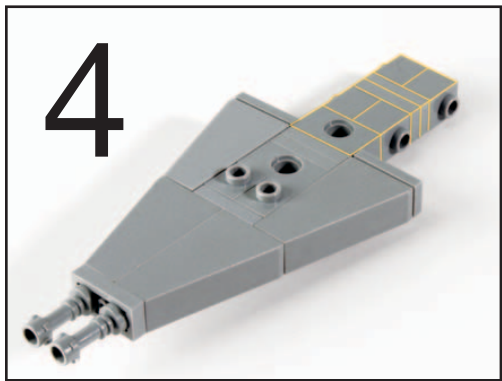
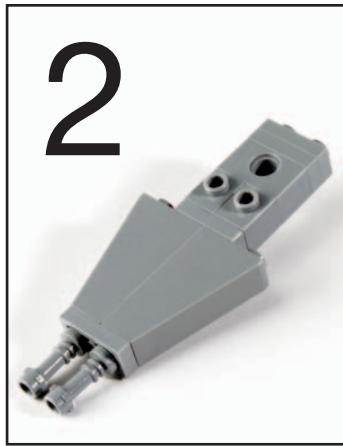
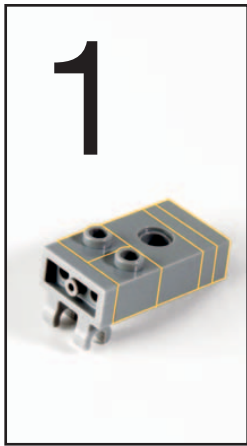
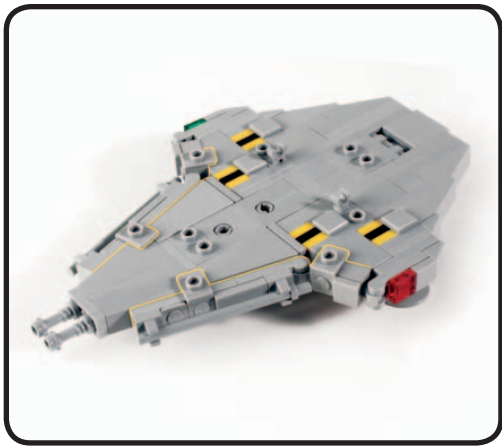
Website: www.bricknerd.com/

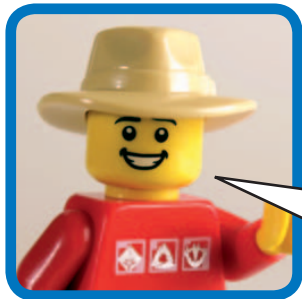
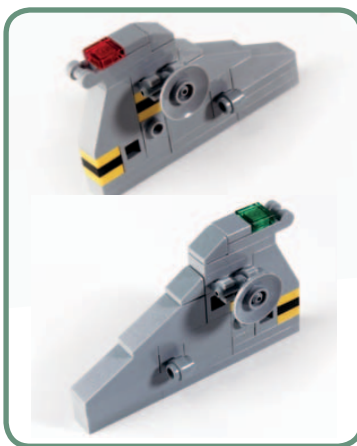
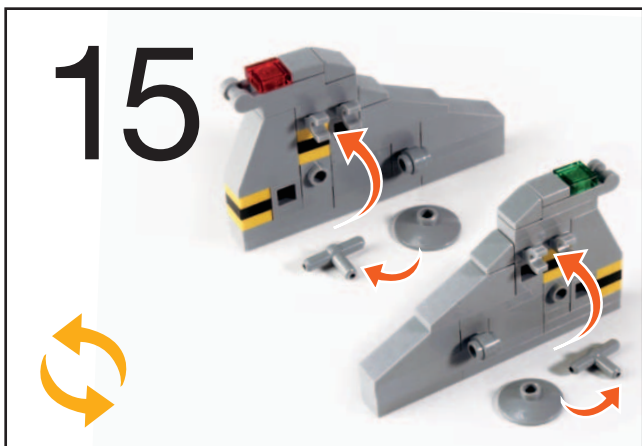
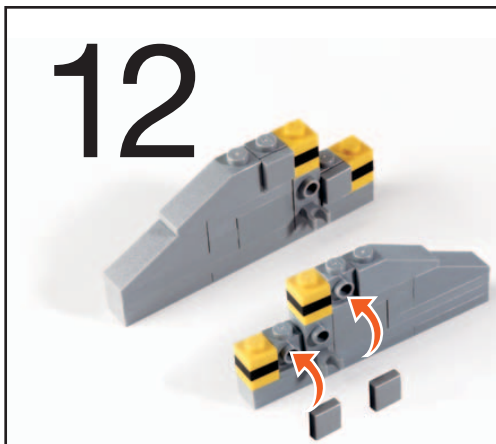
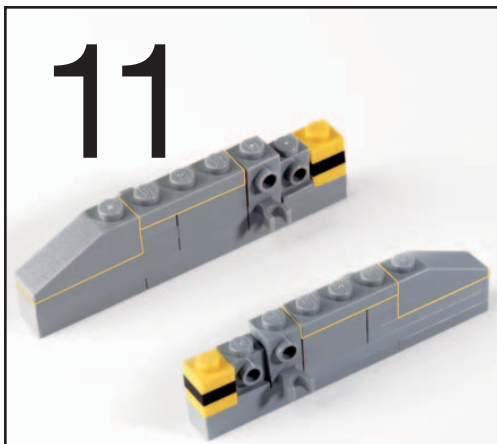




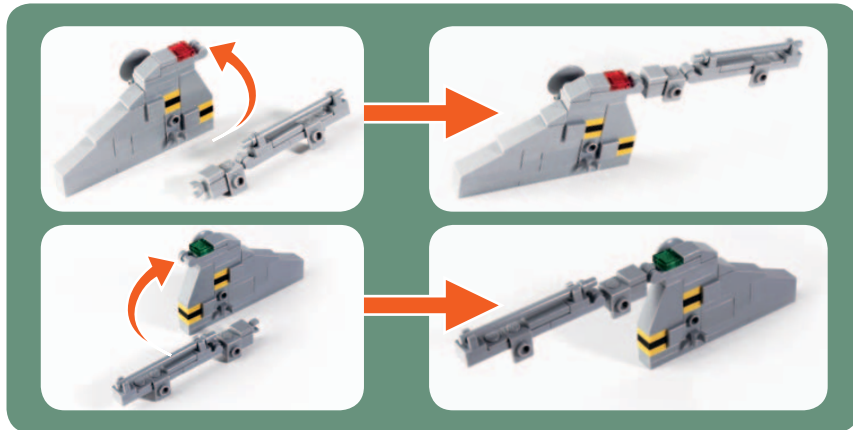
Galactic Adventurer

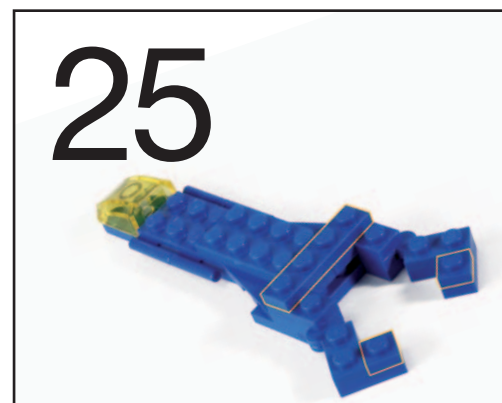
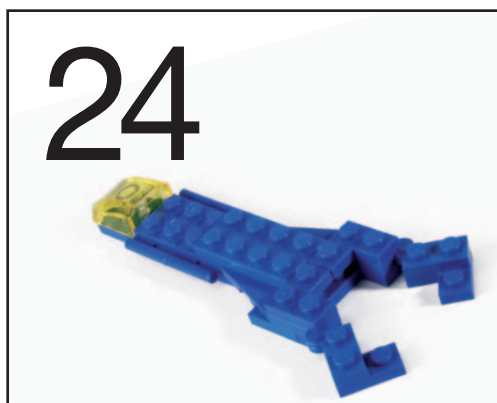
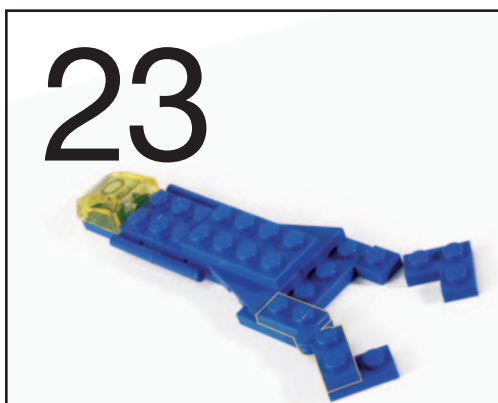
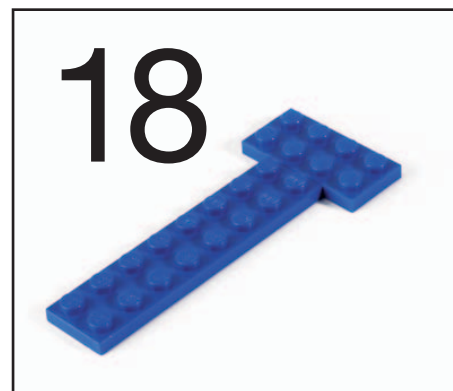
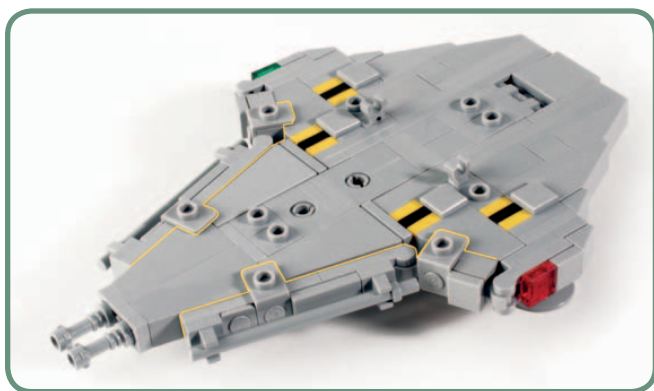
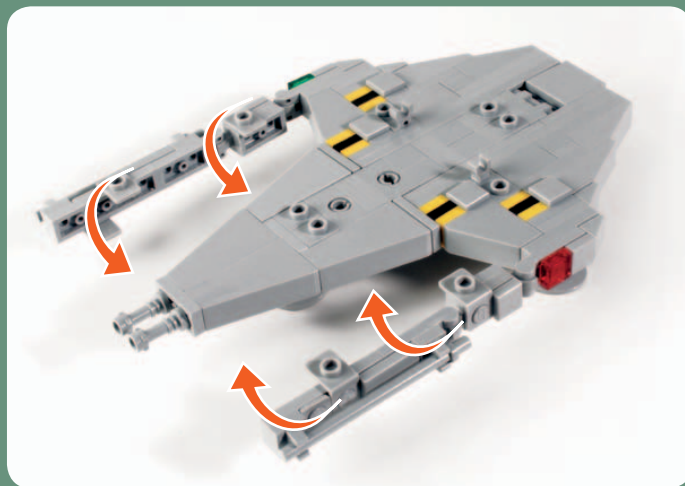
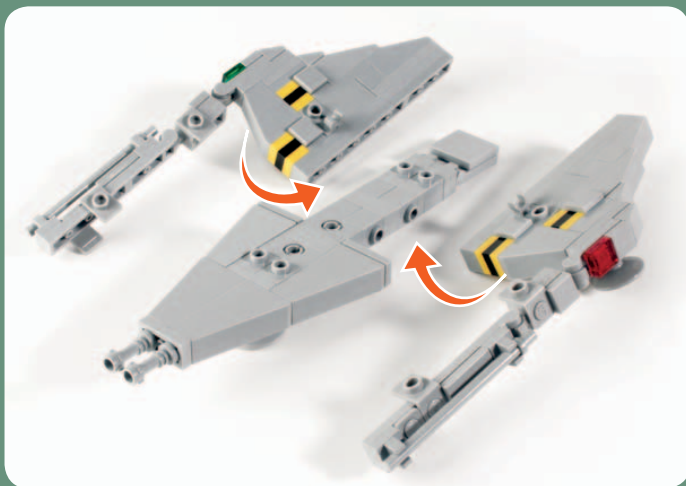




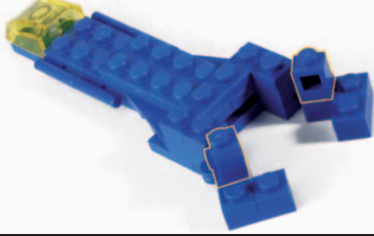


NOW YOU JUST HAVE TO BUILD THE OTHER SIDE, MIRRORING THE SUBASSEMBLY ABOVE. NOTICE THAT THE LIGHT ON THE WING TIP IS GREEN ON THE OTHER SIDE.





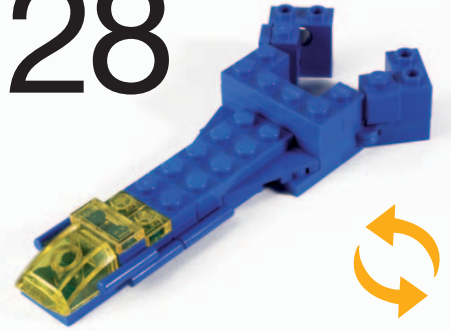
26



27



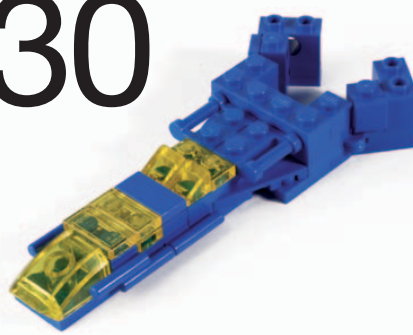
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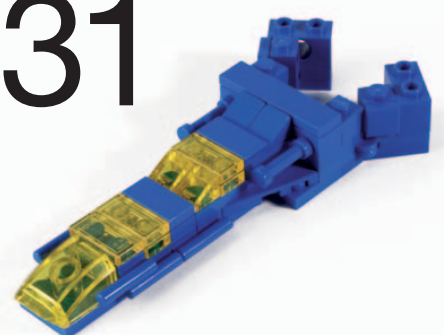
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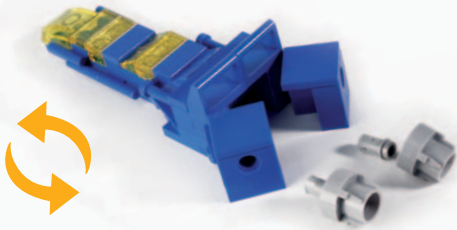
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31



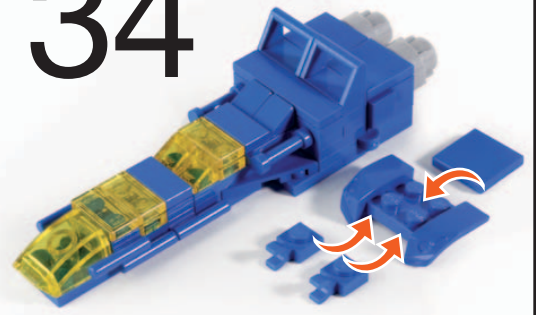
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33



34



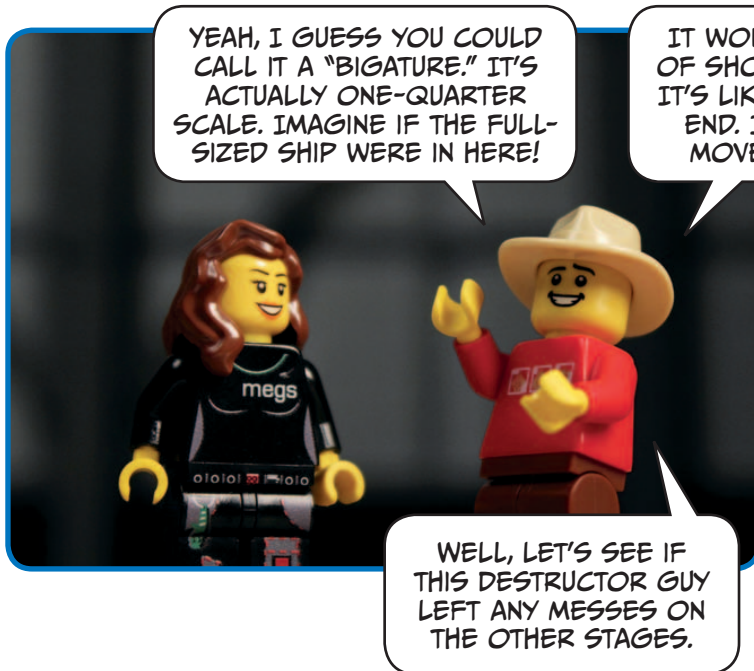
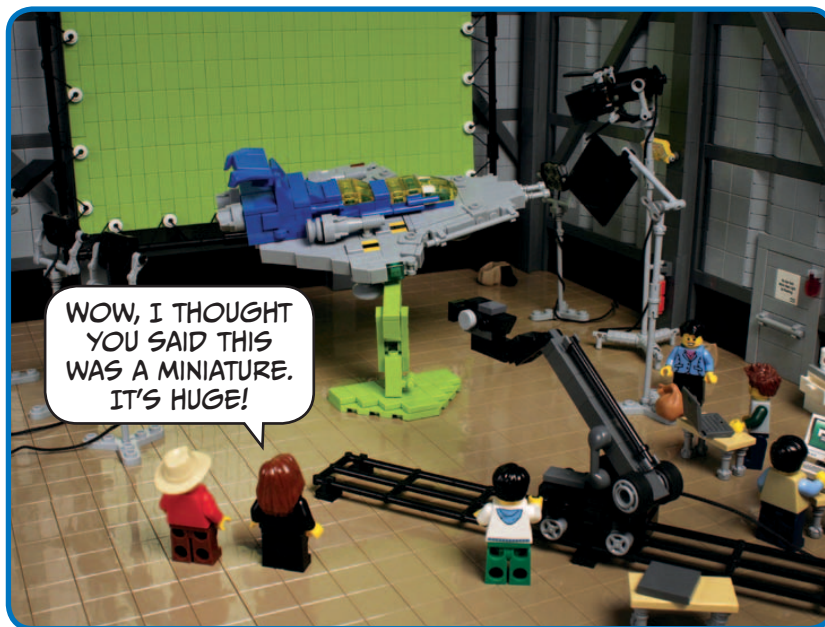
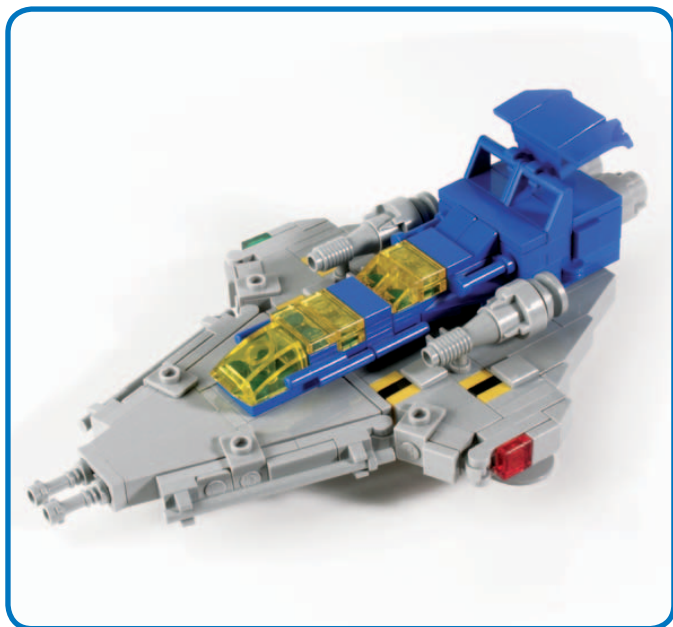
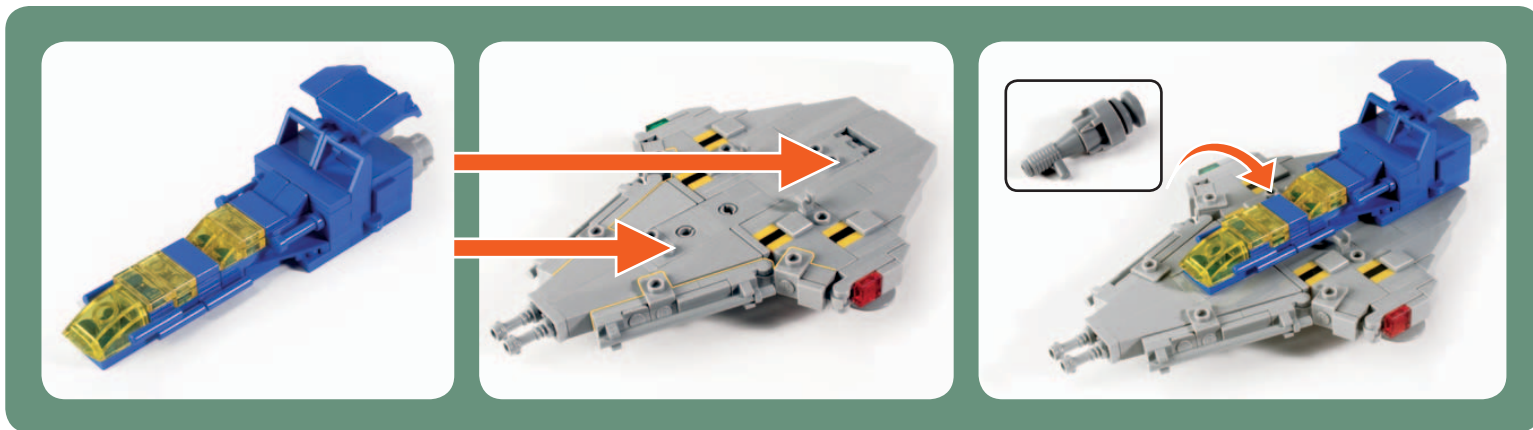
35



x2

Building Tip

Don't let a missing part stop you from experimenting. You can always switch out the part later, so keep building and try using other parts or colors.



IT WOULD BE HARD TO SHOOT. FOR THIS TYPE OF SHOT, WE USE A MOTION CONTROL CAMERA. IT'S LIKE A ROBOT ARM WITH A CAMERA ON THE END. IT ALLOWS FOR PRECISE, REPEATABLE MOVES SO WE CAN ADD SPECIAL EFFECTS.



Building Tip

The secret to building in microscale is learning what is needed to capture the iconic details of your microscale LEGO model. Think of what you are trying to build as basic shapes. For instance, a car is pretty much a rectangle with a bump on top, and a house is a box with triangles on top. Try to identify these basic shapes and add just enough detail to make the model recognizable.

THIS IS A SCENE WITH TEKNOPOP, ONE OF THE ROBOTS IN THE MOVIE.

WHOA, HE HAS NO LEGS!

NOT FOR THIS TYPE OF SCENE. IT'S A CLOSE-UP WHERE HE HAS TO DO A LOT, AND SINCE YOU DON'T SEE THE LEGS, WE USE THIS PUPPET.

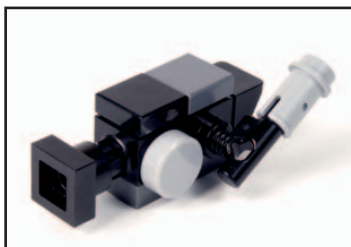
IT TAKES ALL THOSE PEOPLE TO MAKE HIM MOVE?

THAT'S ACTUALLY NOT THAT MANY. FOR ONE OF THE BIG ROBOTS, IT TAKES NINE PEOPLE TO MAKE HIM WORK.

DUDE, THAT IS A LOT OF PUPPETEERS!

HEHE, YES IT IS. LET'S GET MOVING BEFORE THEY START ROLLING.

Movie Camera



1



2



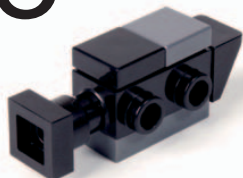
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4



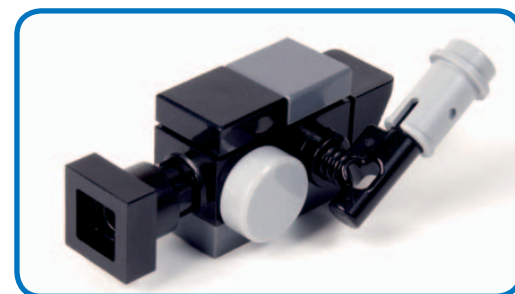
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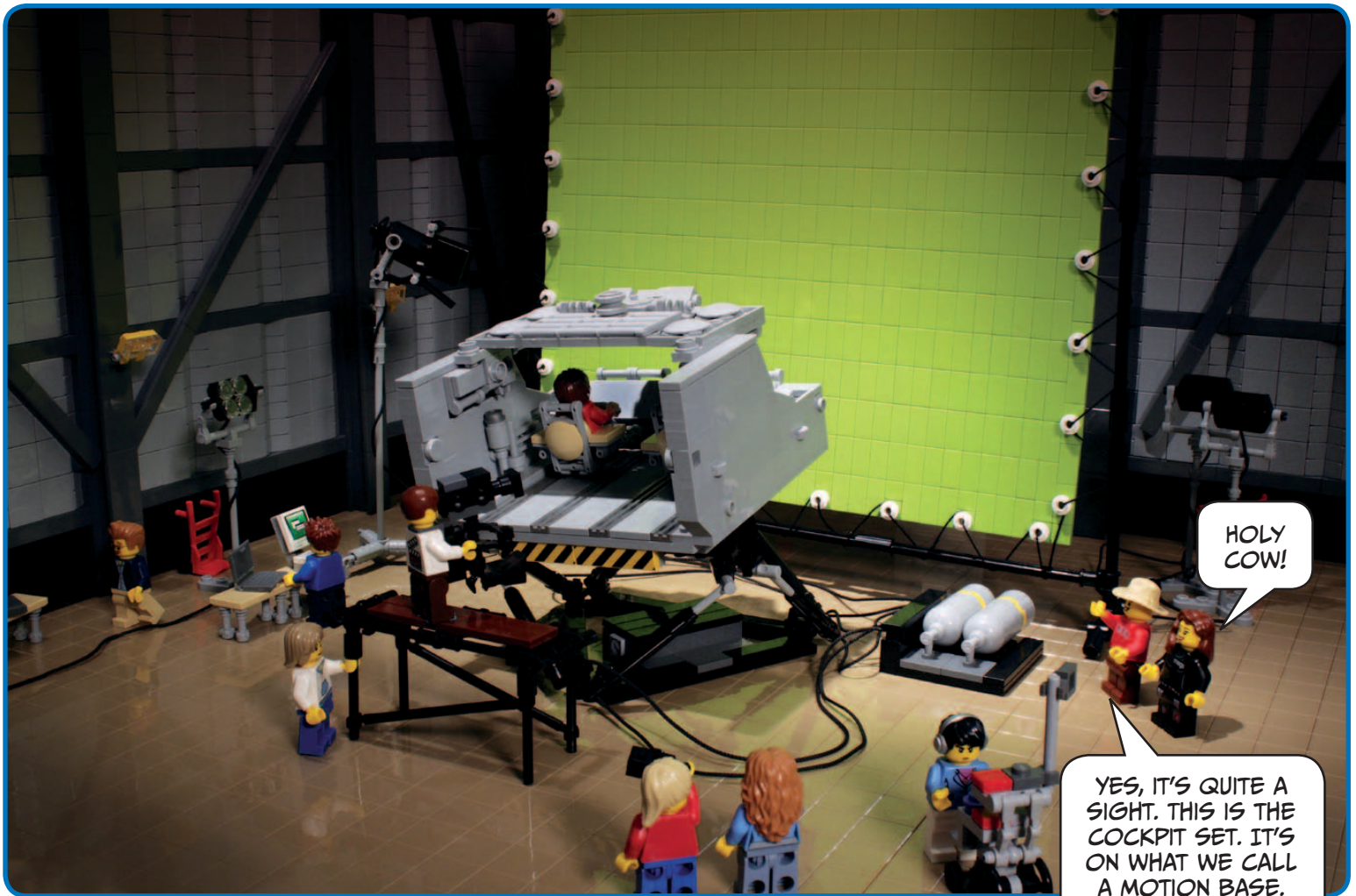


6



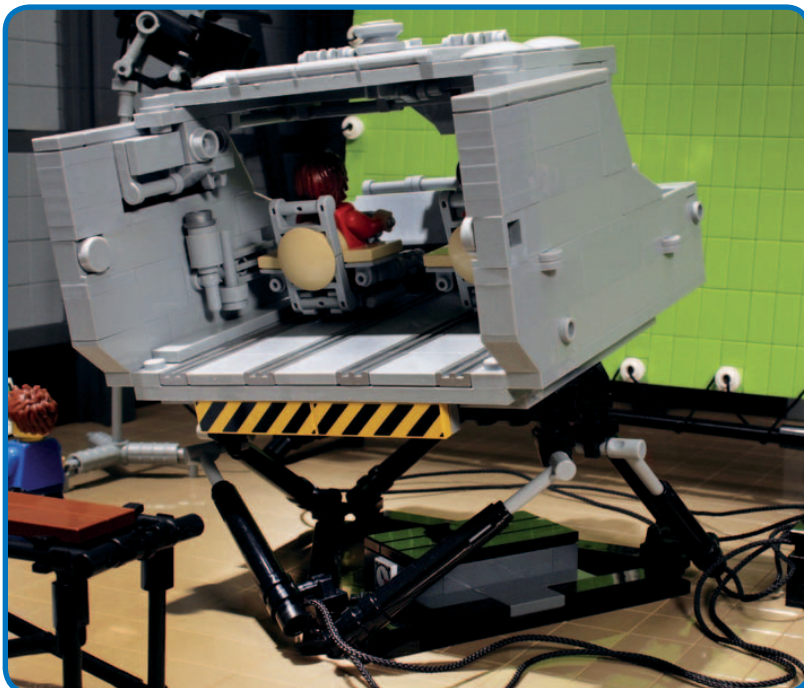
7





HOLY COW!

YES, IT'S QUITE A SIGHT. THIS IS THE COCKPIT SET. IT'S ON WHAT WE CALL A MOTION BASE. IT'S PRETTY MUCH A FLIGHT SIMULATOR WITH A MOVIE SET ON TOP.

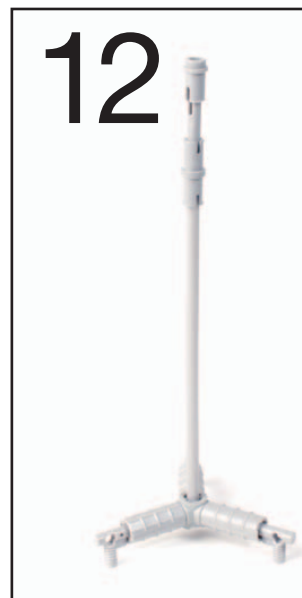
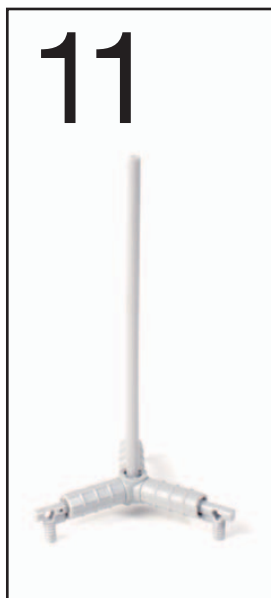
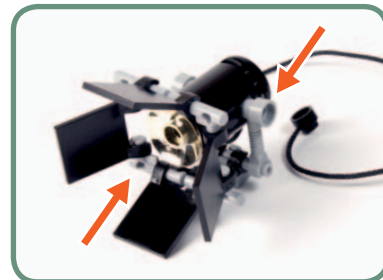
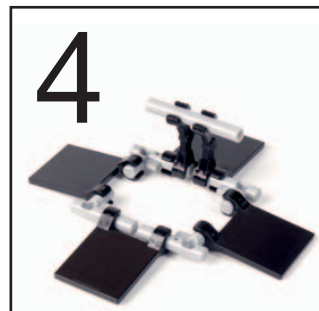
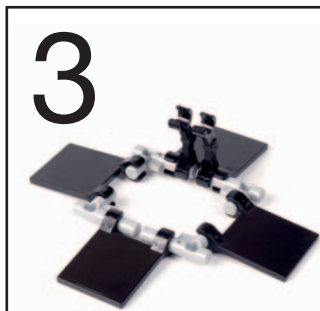
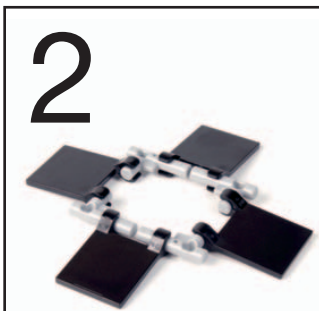
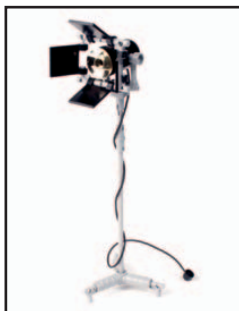


AWESOME. WHAT'S THAT BIG GREEN THING?

THAT'S A GREEN SCREEN. WE USE IT WHEN WE HAVE TO PUT IN A SPECIAL EFFECT LATER. IN THIS CASE, OUTER SPACE WILL BE VISIBLE THROUGH THE SHIP'S WINDOWS.

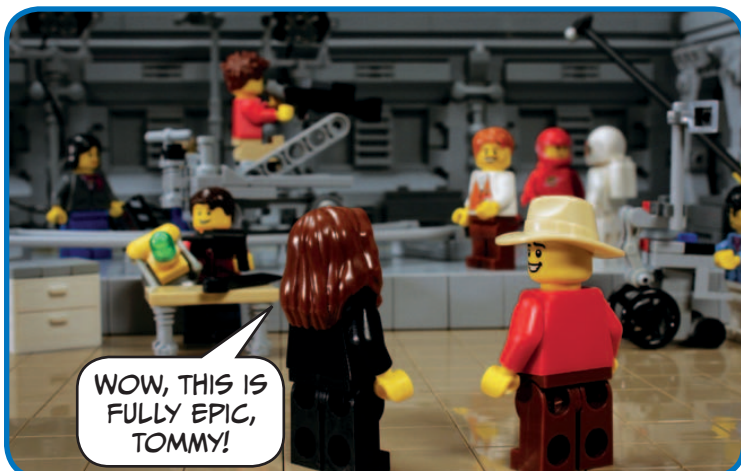


5K Light

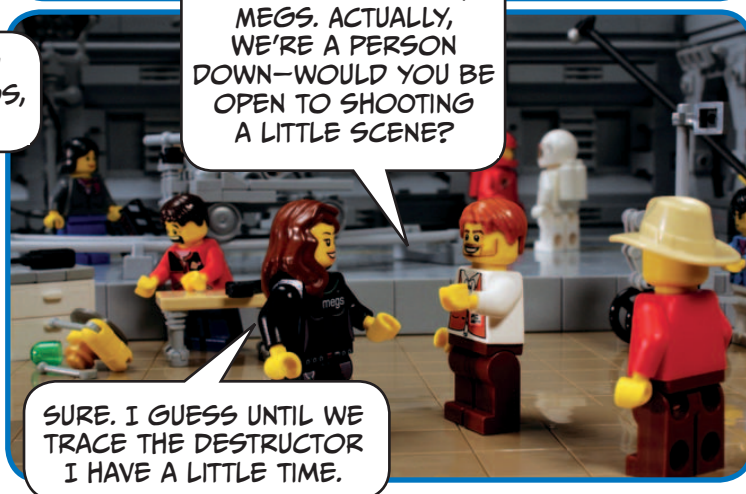
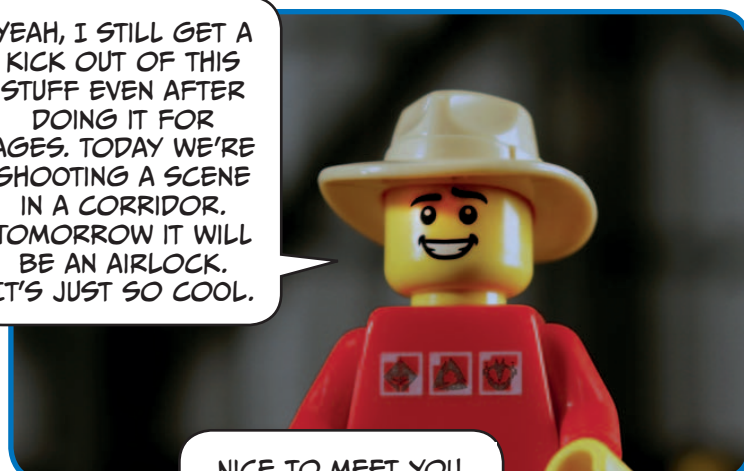


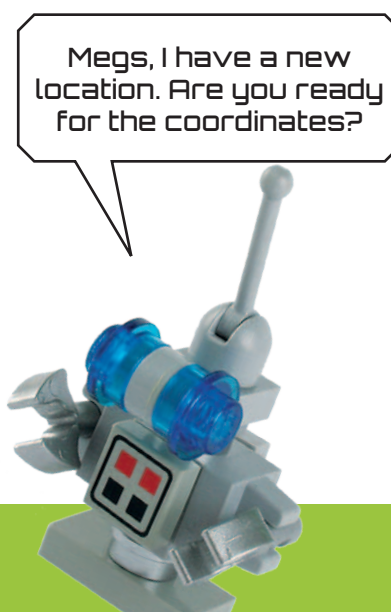
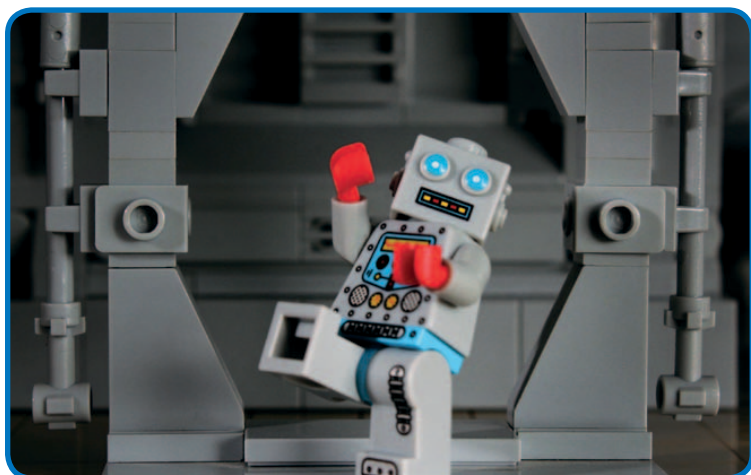
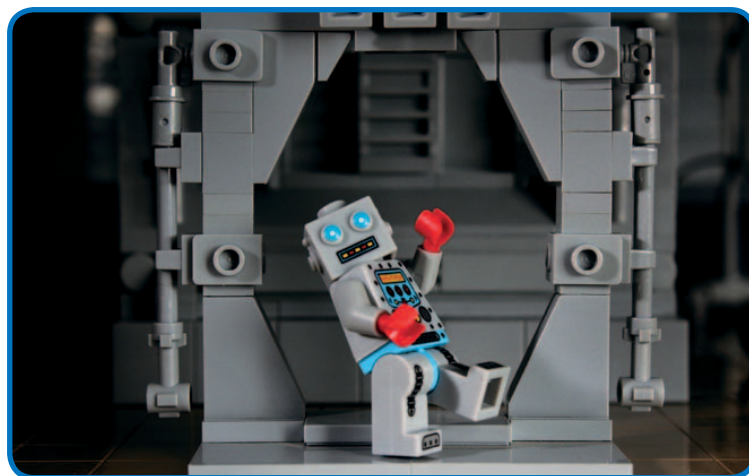
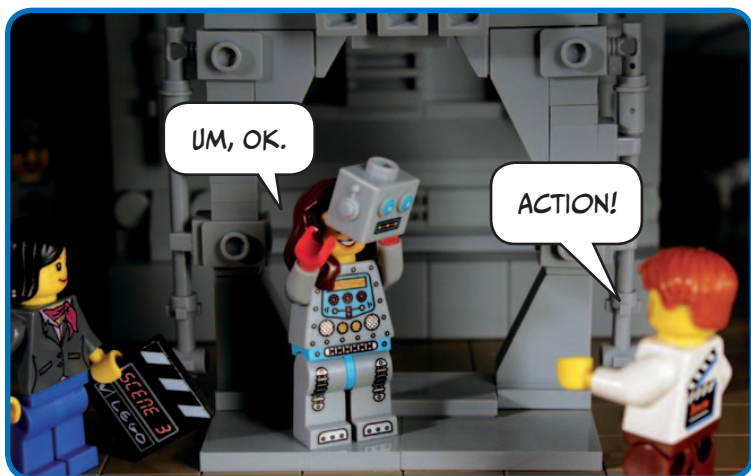
Building Tip

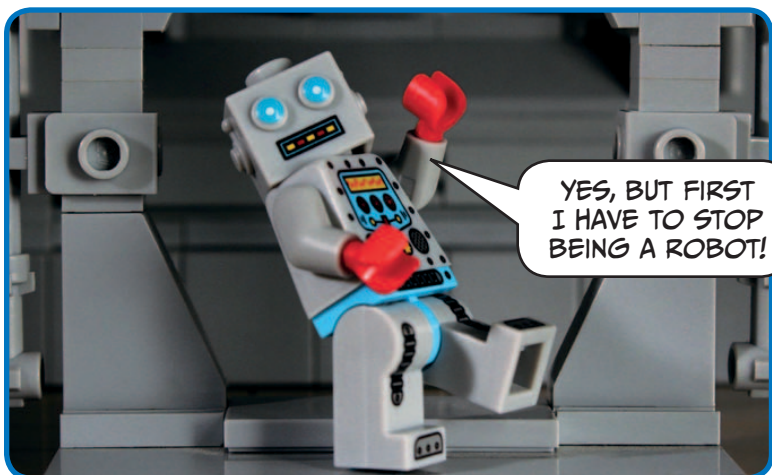
Sometimes playing with and connecting random LEGO pieces (called tablescrapping) can lead to amazing discoveries and inspiration. When you find some spare time and have a load of LEGO bricks in front of you, start sticking them together. Don't overthink it, just build and see what you come up with.



YEAH, I STILL GET A KICK OUT OF THIS STUFF EVEN AFTER DOING IT FOR AGES. TODAY WE'RE SHOOTING A SCENE IN A CORRIDOR. TOMORROW IT WILL BE AN AIRLOCK. IT'S JUST SO COOL.







That does not compute, Megs, but it sounds like a huge mistake. Everyone should be a robot!



BUILDING JOURNAL

As we wandered through Tommy's epic movie set, I felt like I was on a real Hollywood studio lot! Everything in it is exactly as you'd expect—proper movie cameras, lights, rigging, and green screens! He taught me a lot about the process of filming a movie; I could always use some of these techniques on a smaller scale to create my own studio to shoot some movies.

It was super cool to be filmed as an extra in a movie, too. Will I end up on the cutting-room floor or make it to final cut? Only time will tell!

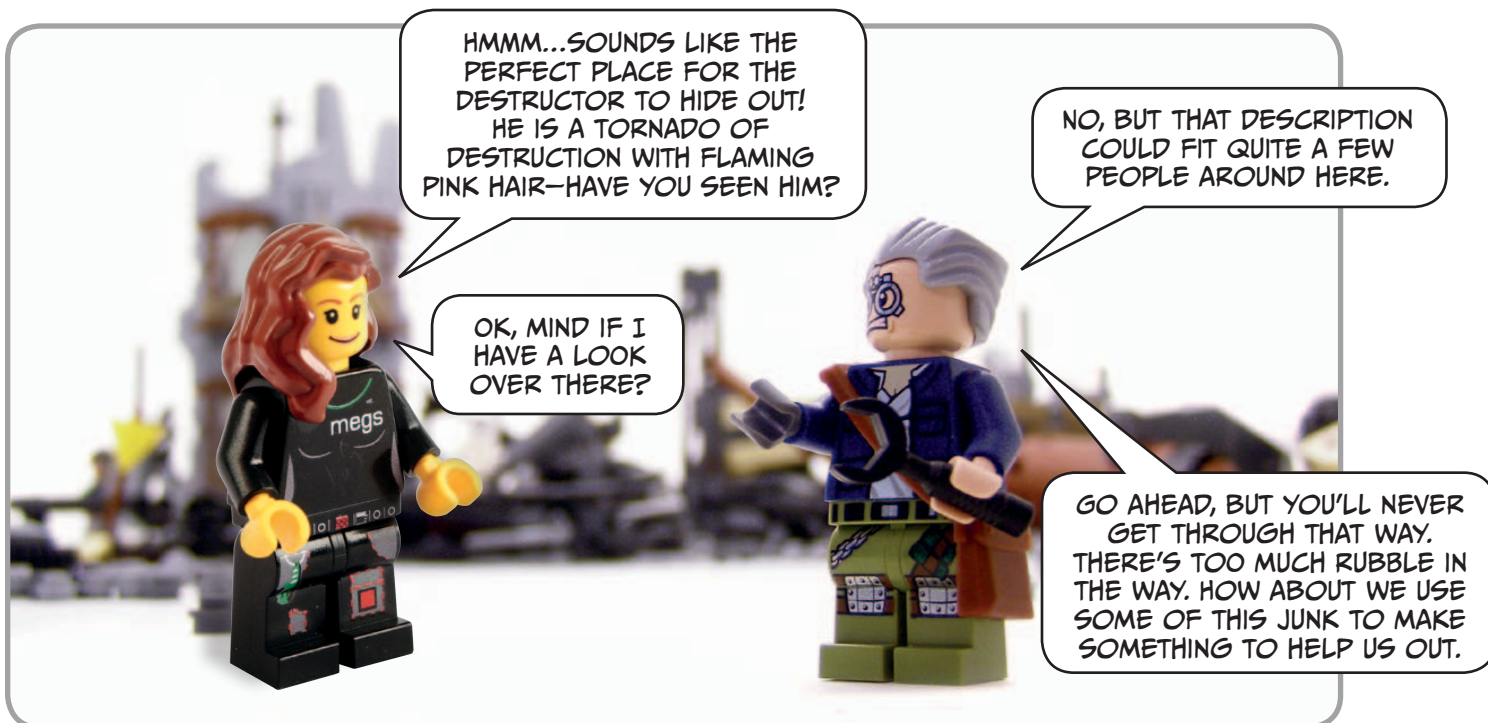


OH NO, THE
DESTRUCTOR HAS
REALLY DONE A
LOT OF DAMAGE
HERE. EVERYTHING
IS DESTROYED!

WHAT A RELIEF!
I'M MEGS, BY THE
WAY. WHAT KIND
OF APOCALYPSE
ARE YOU
REFERRING TO?

DESTROYED YOU SAY? ON THE
CONTRARY, THESE LEGO MODELS
ARE MEANT TO LOOK LIKE THIS.
IT'S A STYLE WE LIKE TO CALL
POST-APOCALYPTIC.

HI MEGS, THE NAME'S TYLER.
WHAT CAUSED ALL OF THIS?
IT'S UP TO YOUR IMAGINATION,
REALLY: A BIOLOGICAL,
ECOLOGICAL, OR NUCLEAR
DISASTER; ZOMBIES; AN ALIEN
INVASION; OR WHATEVER YOU
LIKE! THINK WORST-CASE
SCENARIOS.



HMMM...SOUNDS LIKE THE
PERFECT PLACE FOR THE
DESTRUCTOR TO HIDE OUT!
HE IS A TORNADO OF
DESTRUCTION WITH FLAMING
PINK HAIR—HAVE YOU SEEN HIM?

OK, MIND IF I
HAVE A LOOK
OVER THERE?

NO, BUT THAT DESCRIPTION
COULD FIT QUITE A FEW
PEOPLE AROUND HERE.

GO AHEAD, BUT YOU'LL NEVER
GET THROUGH THAT WAY.
THERE'S TOO MUCH RUBBLE IN
THE WAY. HOW ABOUT WE USE
SOME OF THIS JUNK TO MAKE
SOMETHING TO HELP US OUT.

Destruction Zone



Tyler Clites

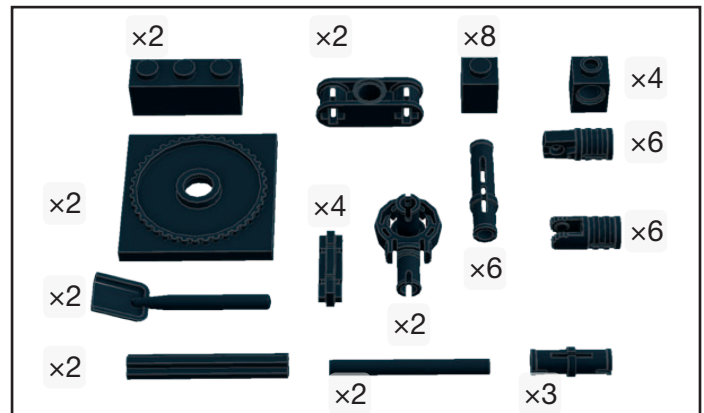
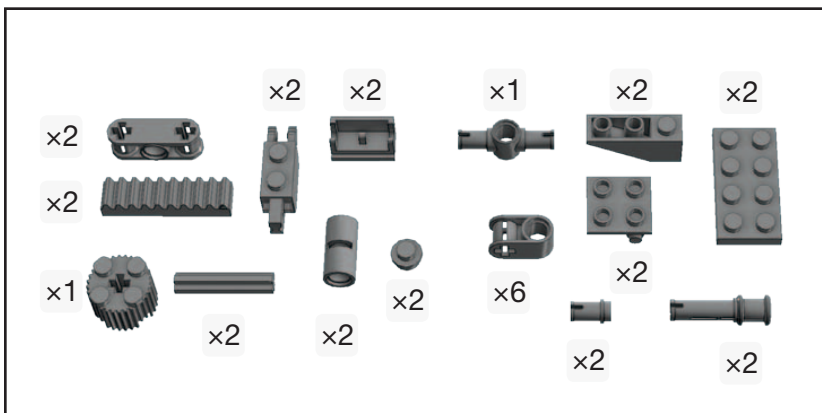
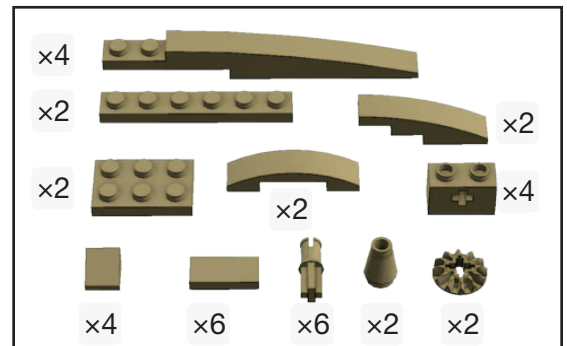
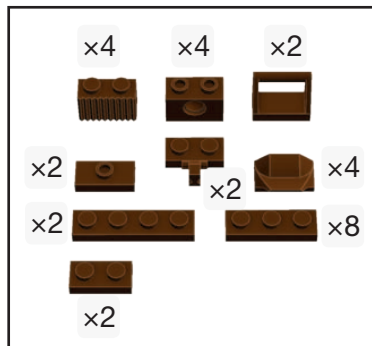
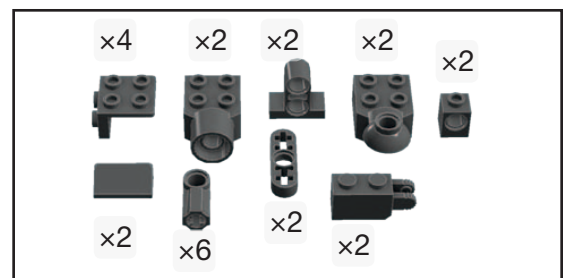
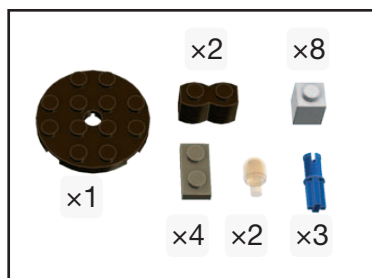
Nickname: Legohaulic

Profession: Freelance LEGO Artist

Nationality: American

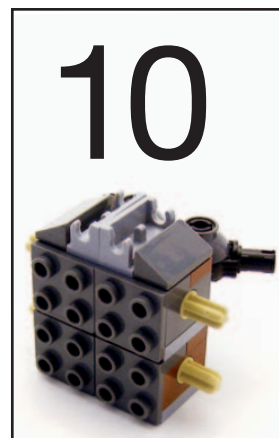
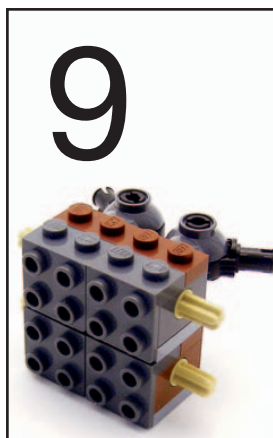
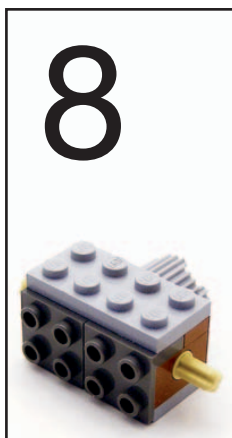
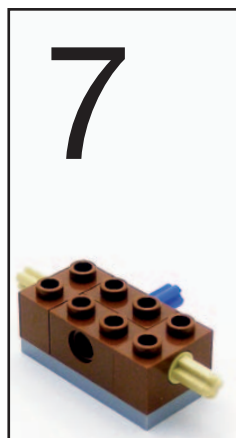
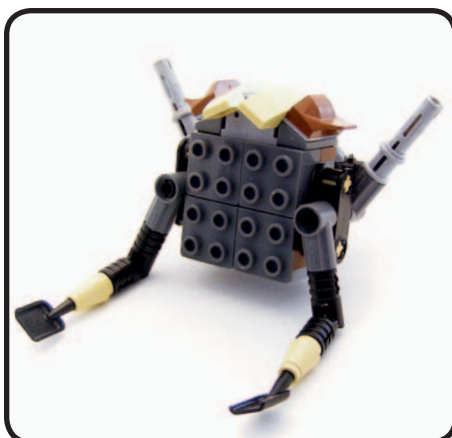
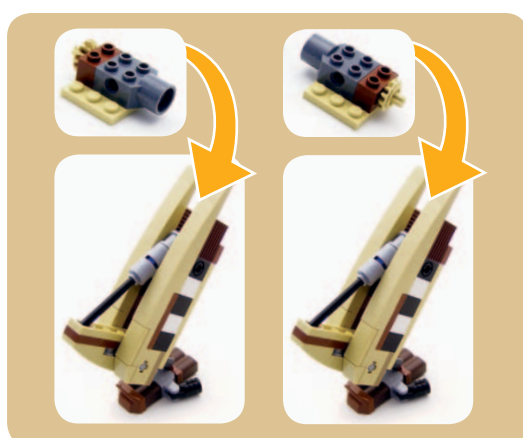
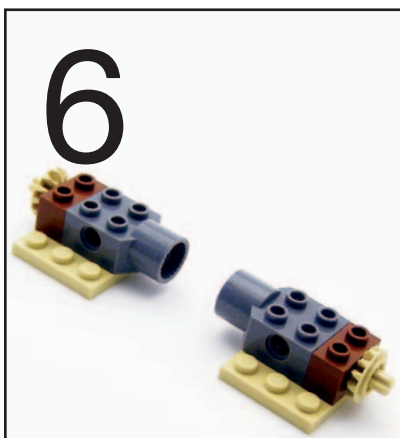
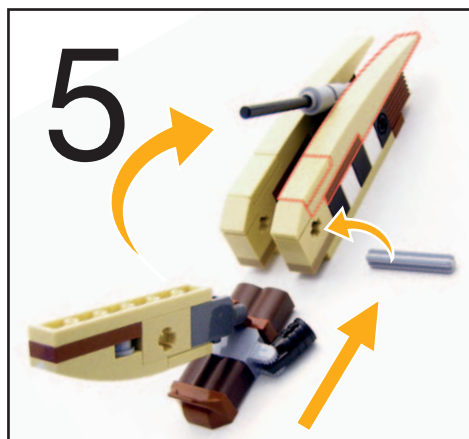
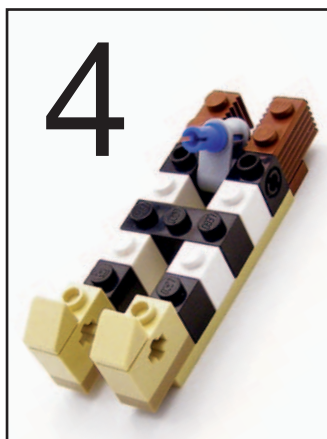
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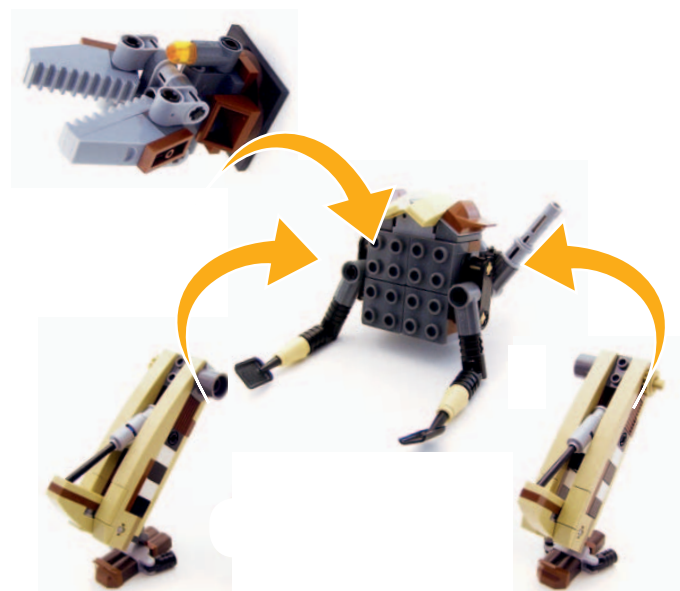
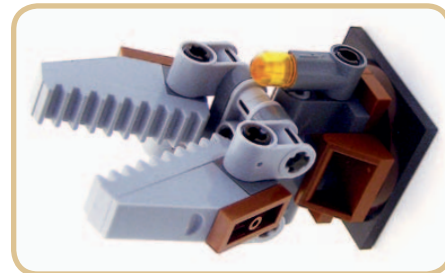
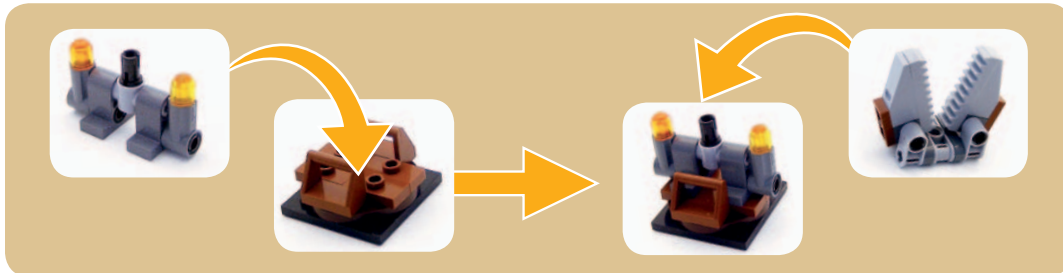
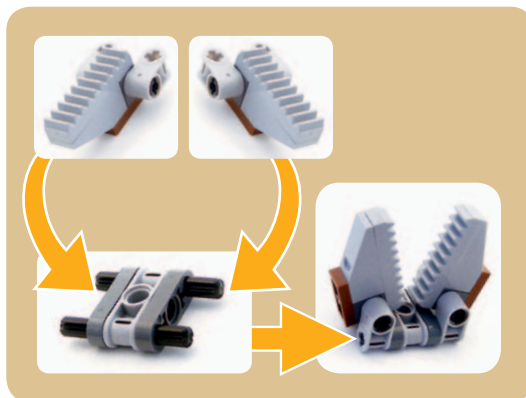
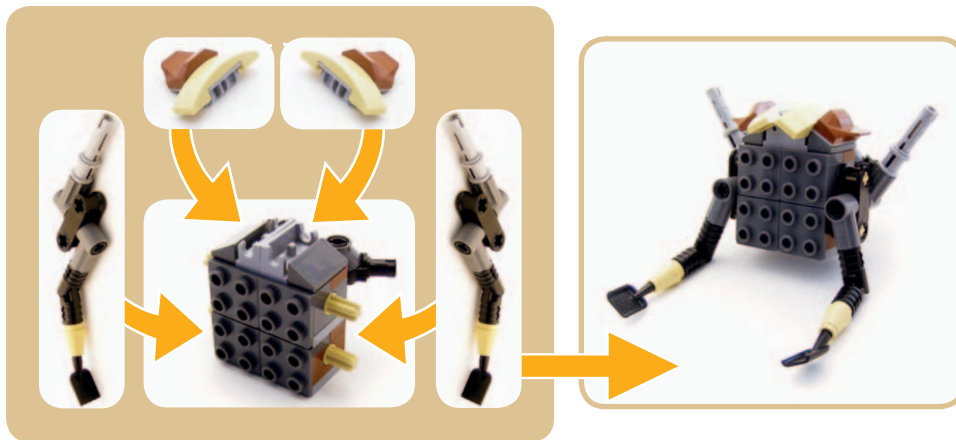
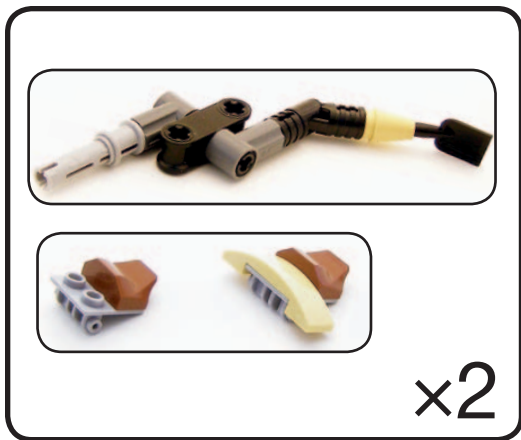
Recycle Wrex

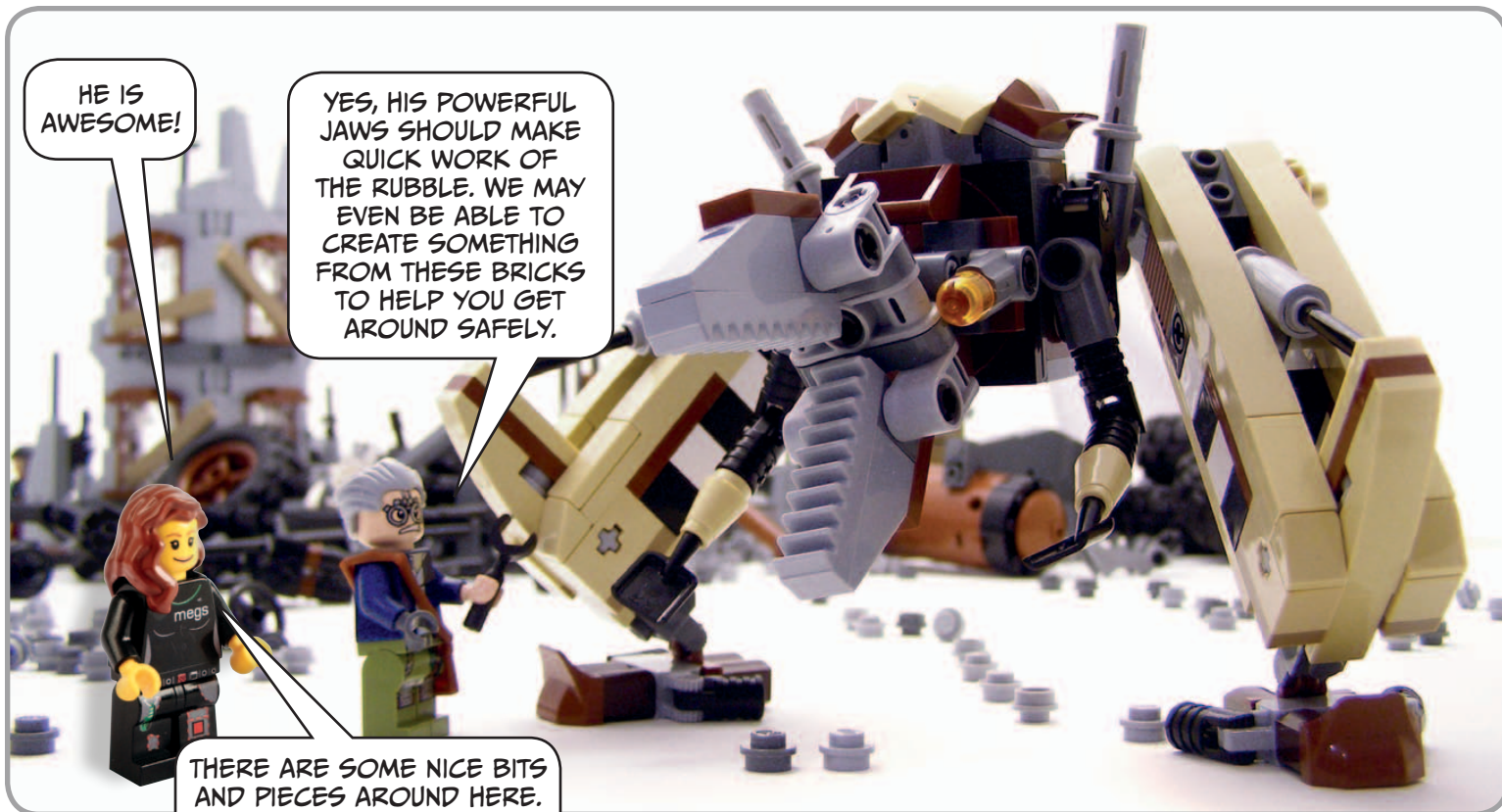




THIS ROBOT
HAS SOME
TRICKY STEPS,
SO STUDY THE
BREAKDOWN
CLOSELY.







HE IS
AWESOME!

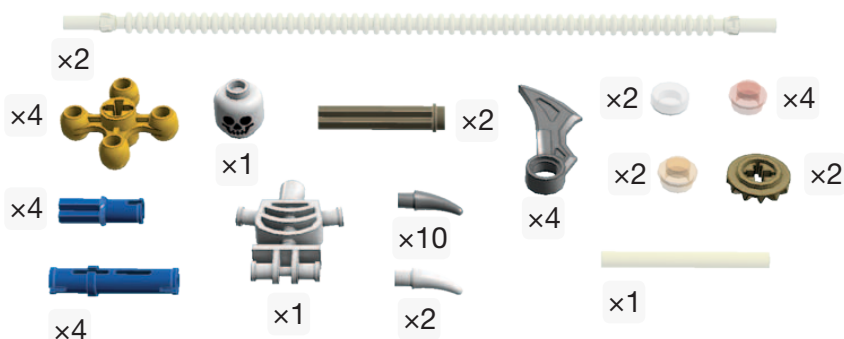
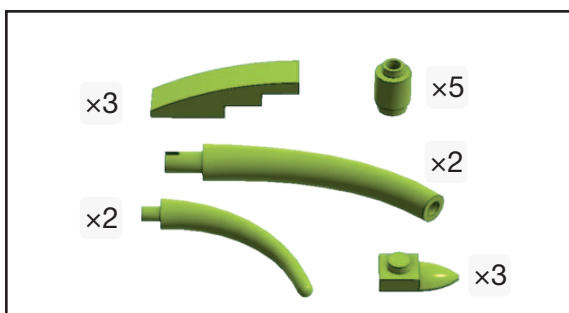
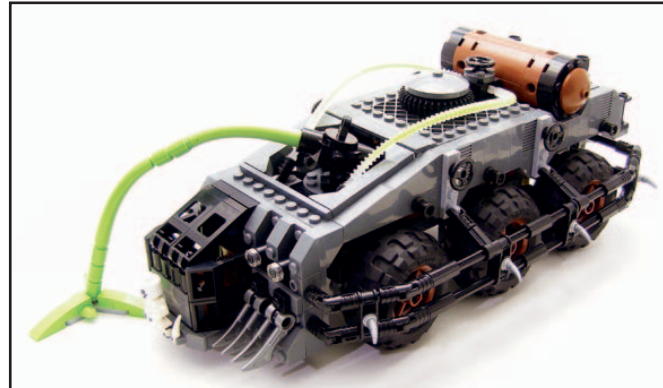
YES, HIS POWERFUL
JAWS SHOULD MAKE
QUICK WORK OF
THE RUBBLE. WE MAY
EVEN BE ABLE TO
CREATE SOMETHING
FROM THESE BRICKS
TO HELP YOU GET
AROUND SAFELY.

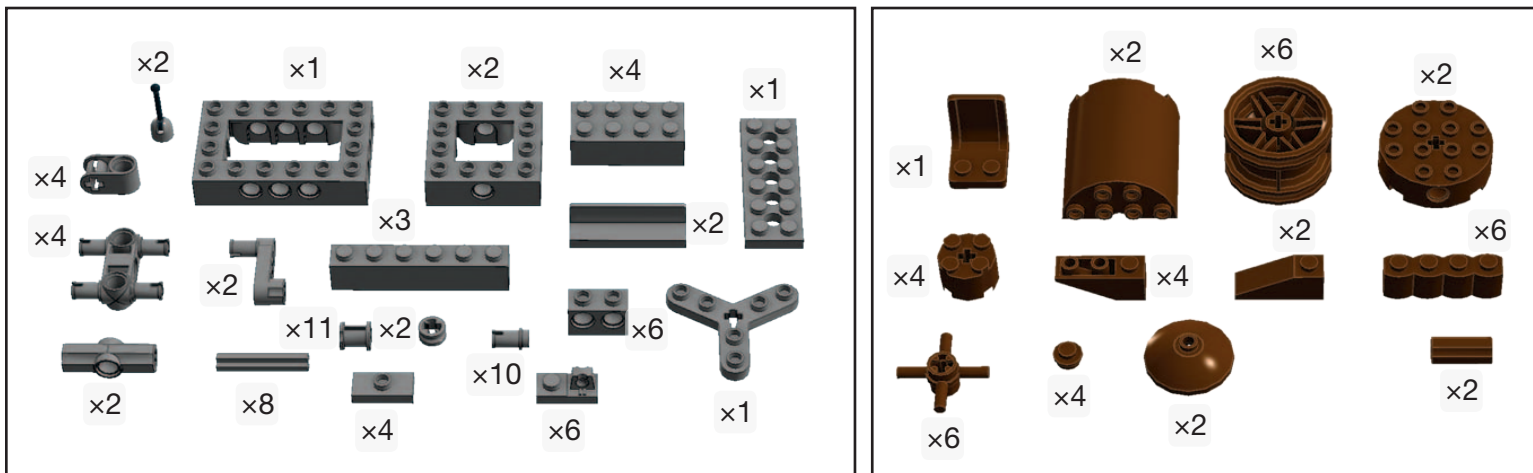
THERE ARE SOME NICE BITS
AND PIECES AROUND HERE.
I'M SURE WE CAN CREATE
SOMETHING COOL.

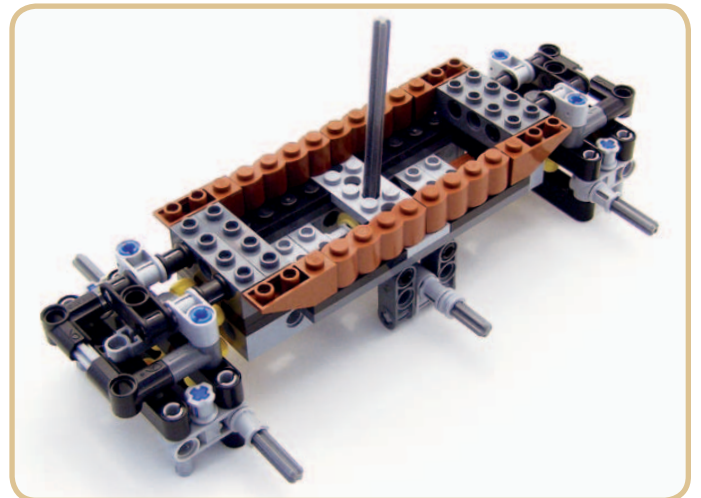
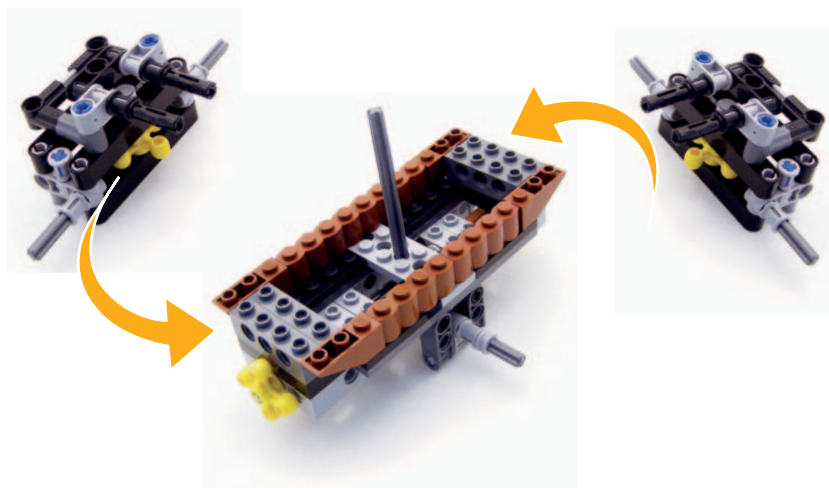
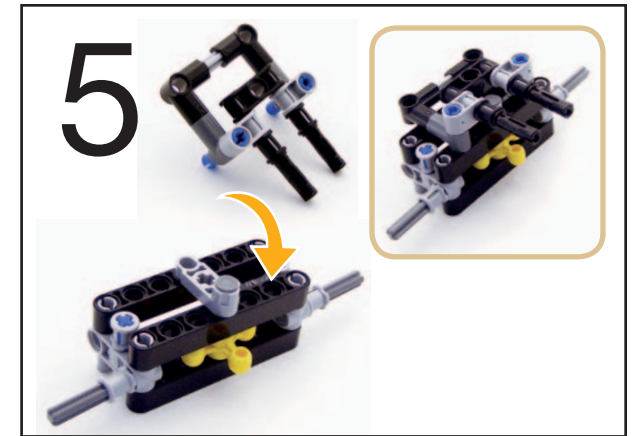
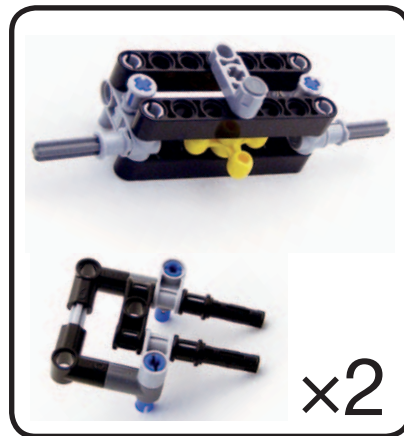
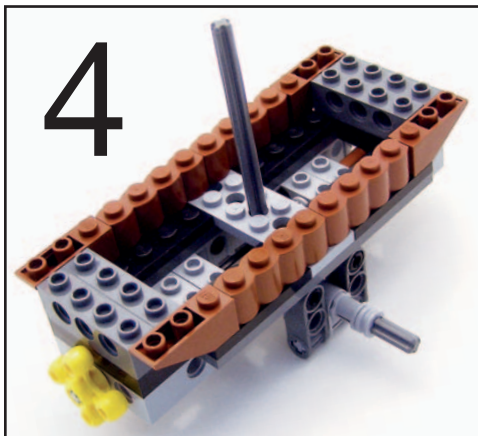
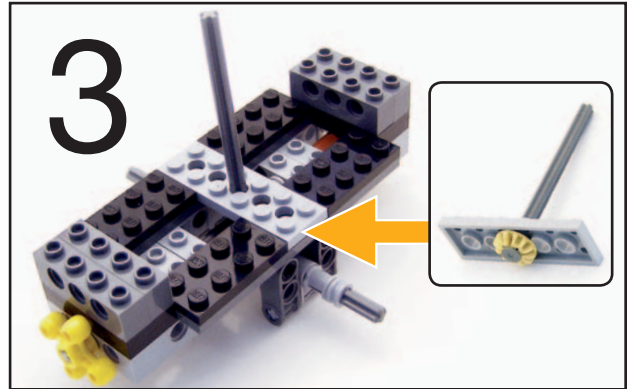
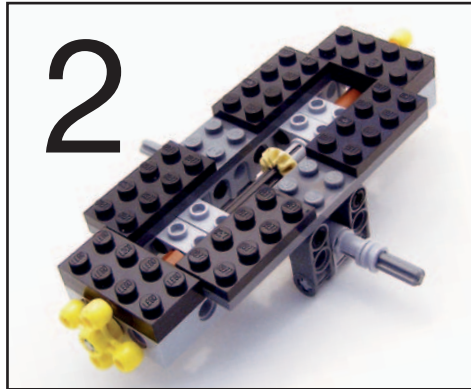
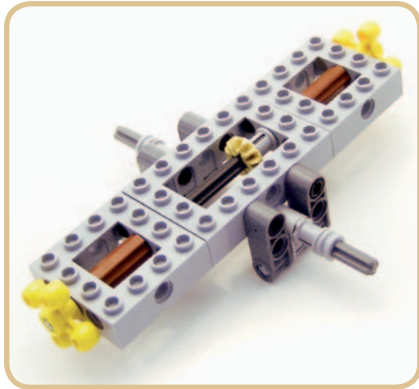
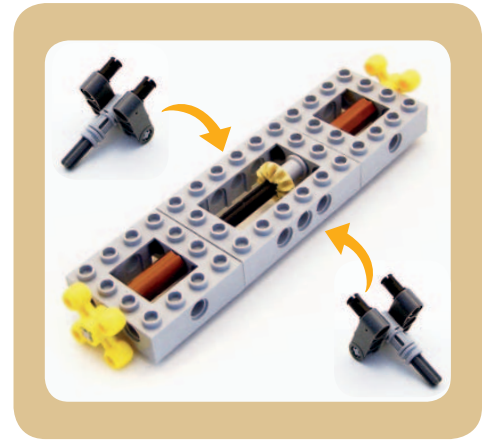
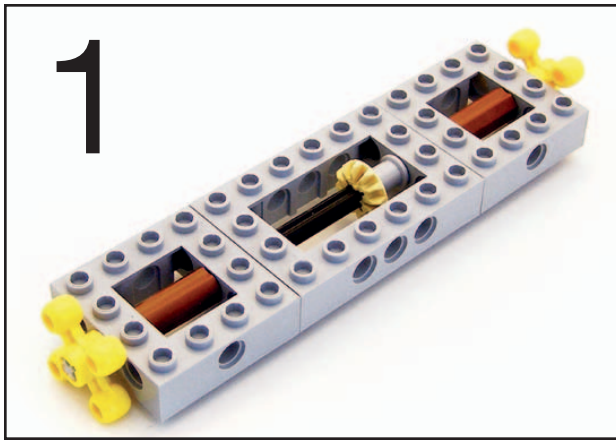
Sludge Puppy

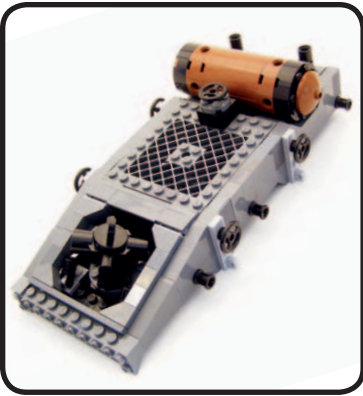


THE MIGHTY SLUDGE PUPPY IS
QUITE A TRICKY BUILD. I WOULD
RECOMMEND THAT YOU HAVE A
GOOD GRASP OF LEGO BUILDING
BEFORE TRYING TO TACKLE THIS
MODEL! DON'T GO TOO FAST AND
KEEP A KEEN EYE ON ALL OF
THE SUBASSEMBLIES.

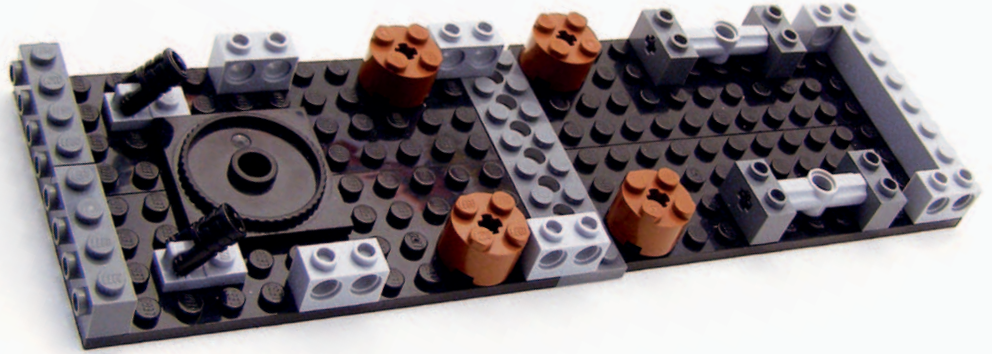




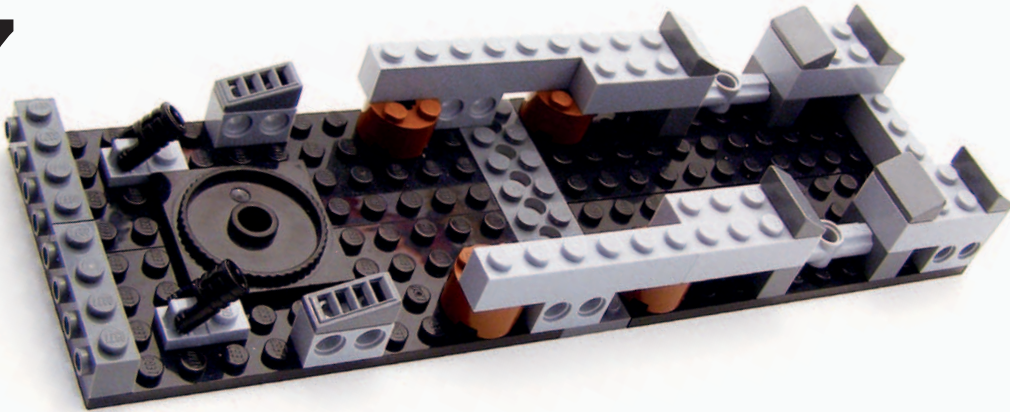




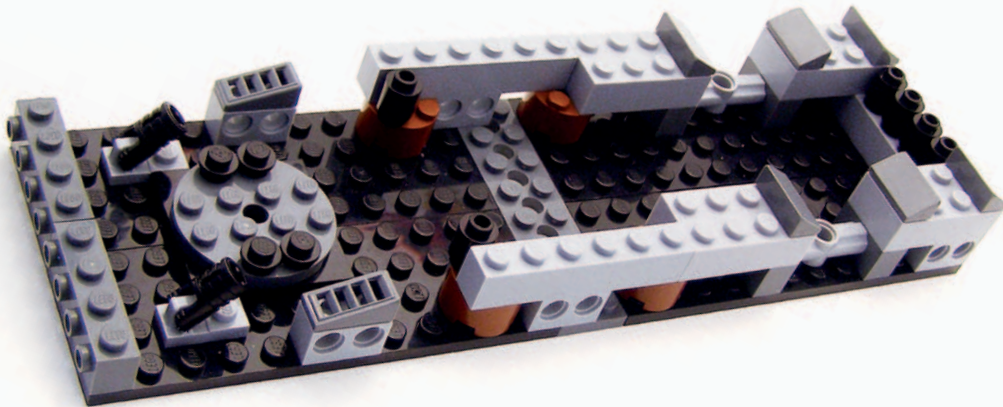
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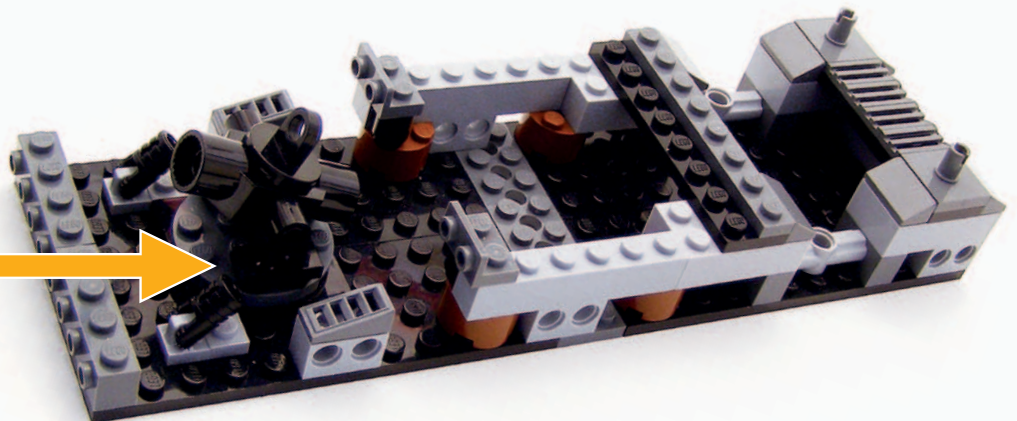
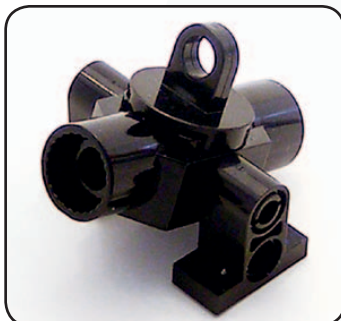
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8



9

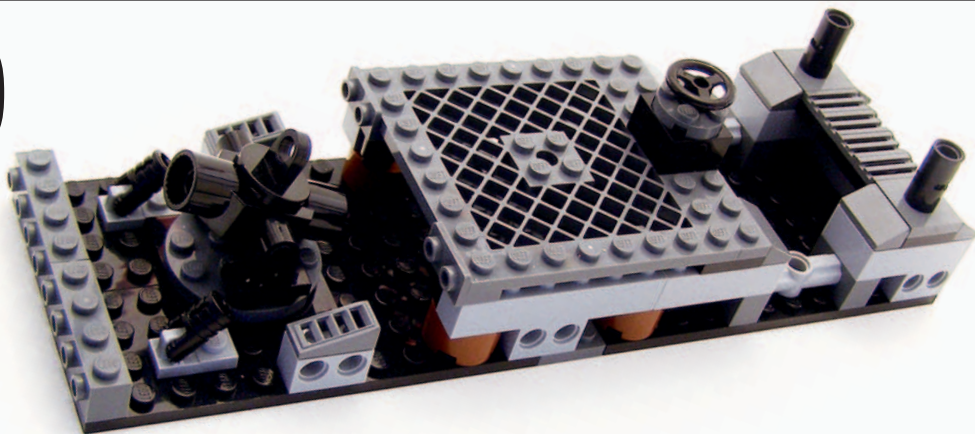


Building Tip

The trick to making your models look like they belong in a post-apocalyptic world is to make them look damaged, repaired, or built out of scavenged parts.



10

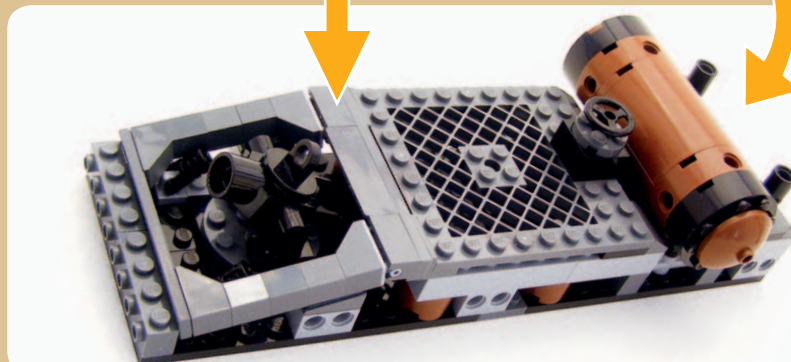
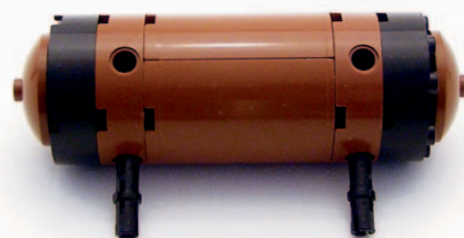
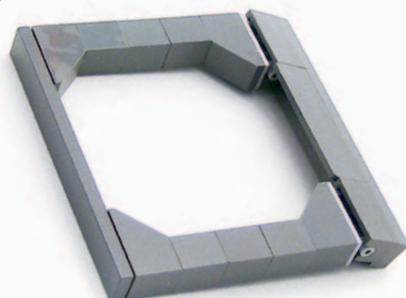


Building Tip

Spikes, blades, darker colors, and skeletons are all items that help give your models a post-disaster look.

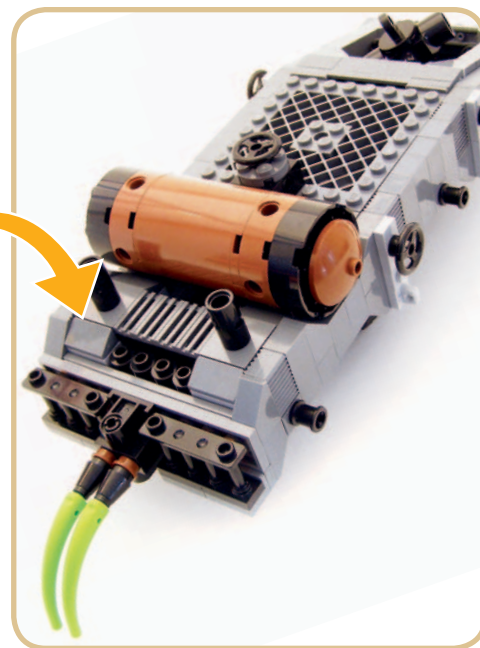
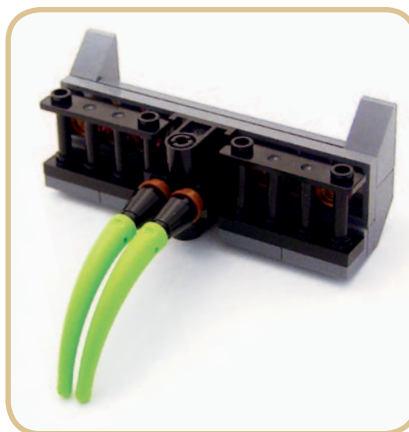
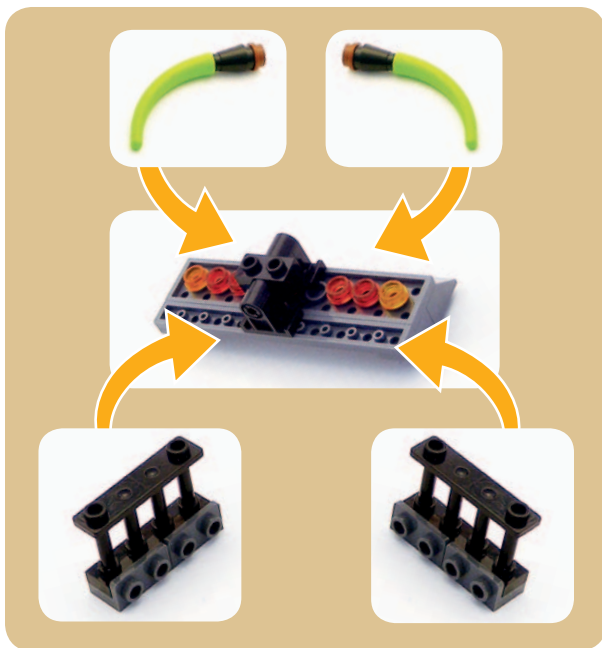
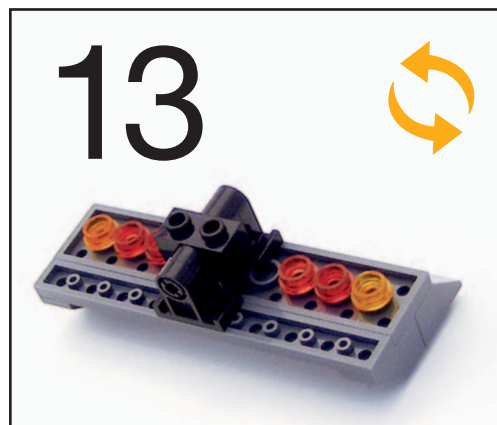
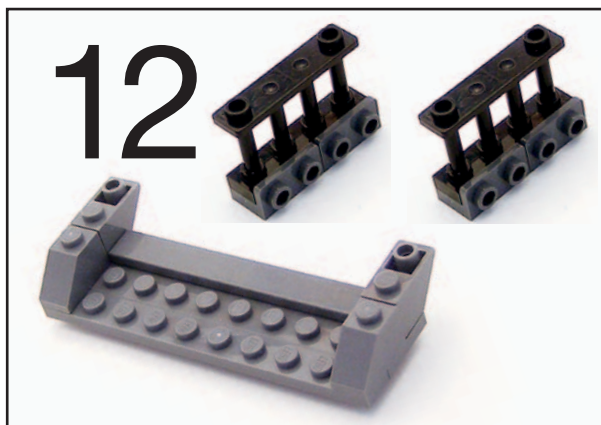
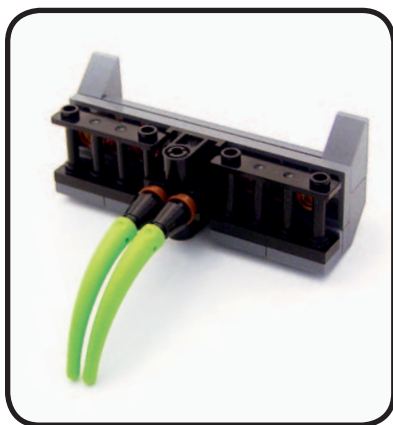
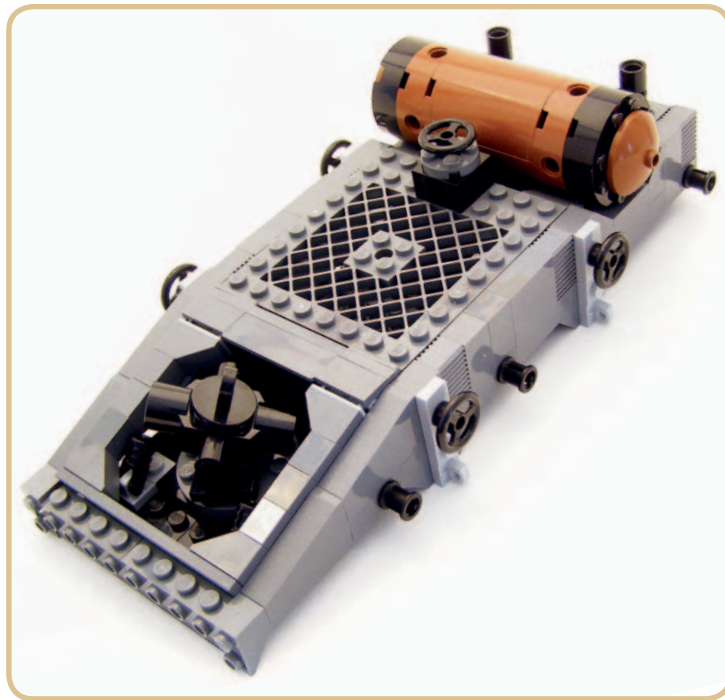
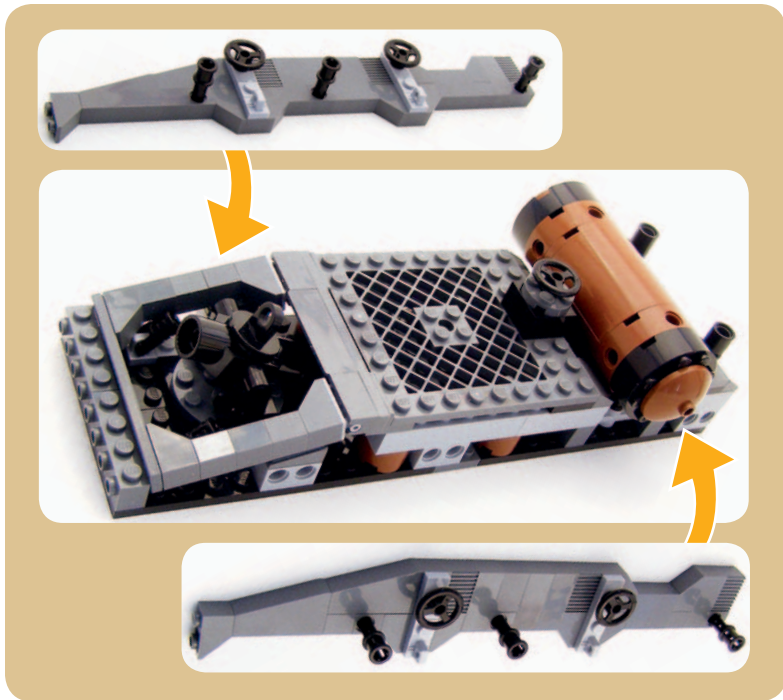


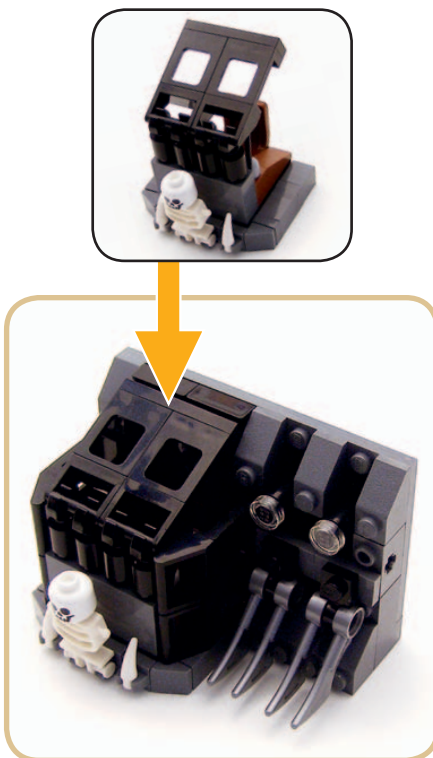
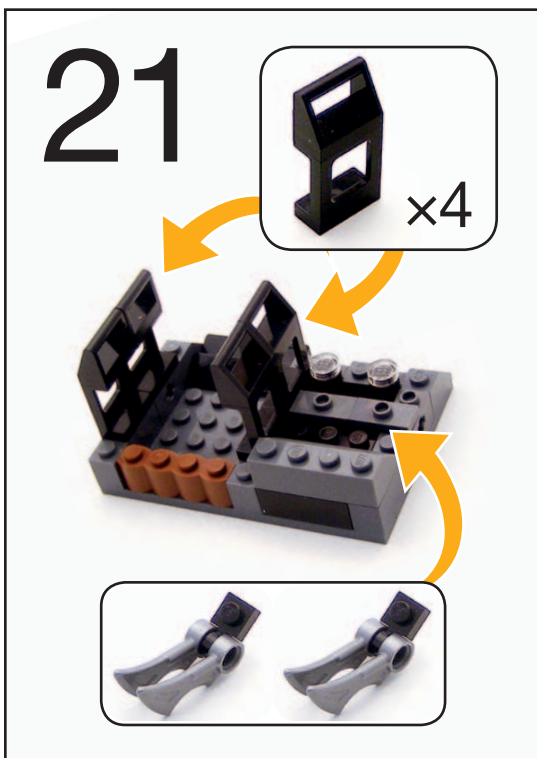
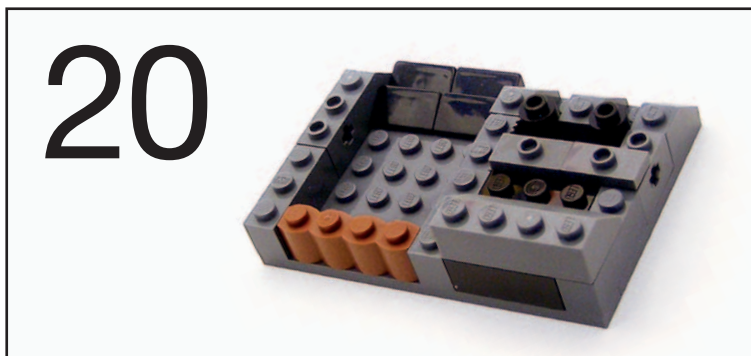
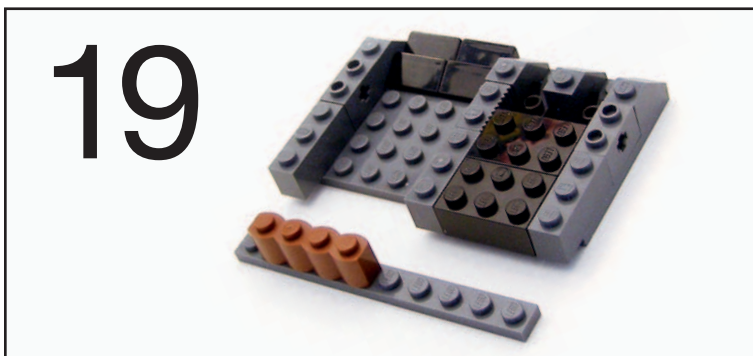
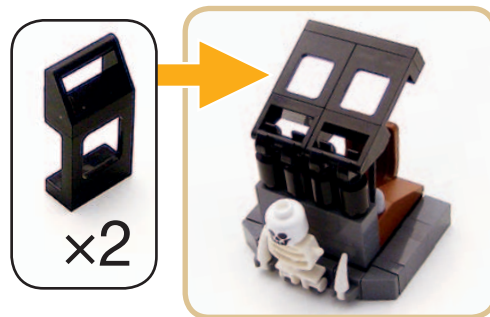
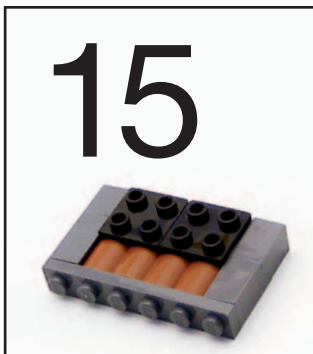
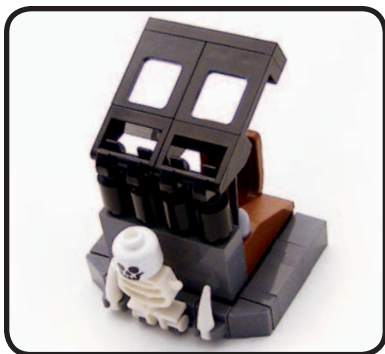
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11

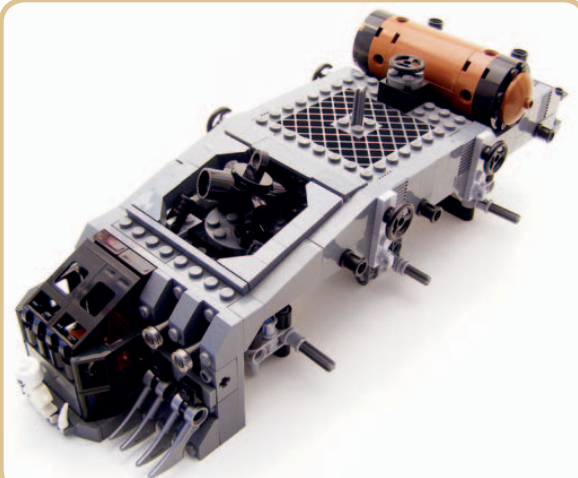
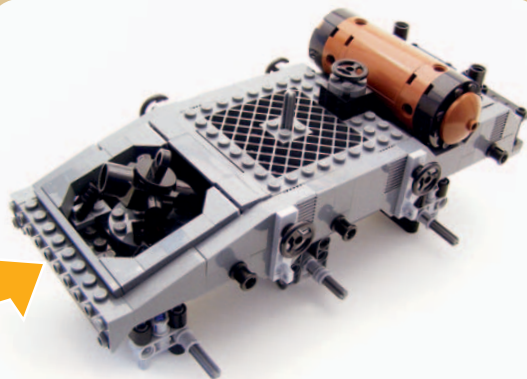
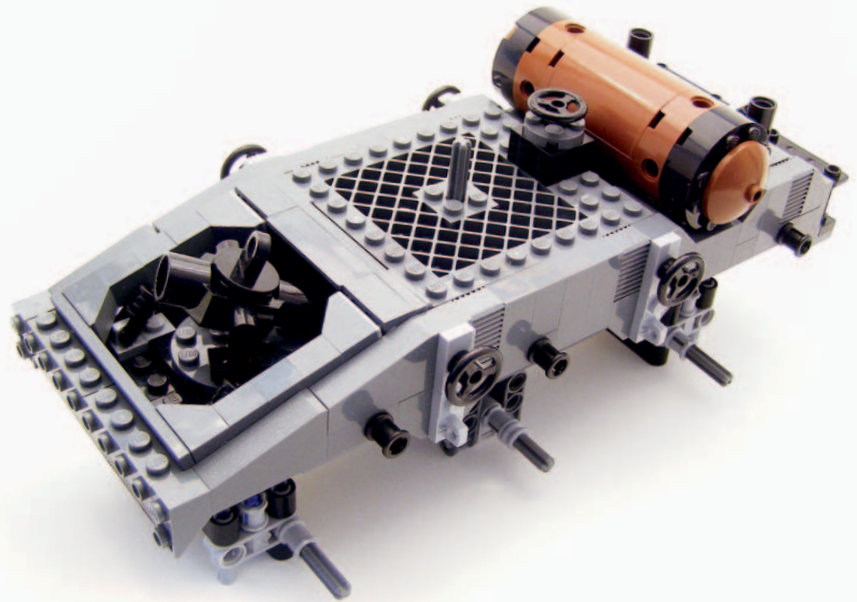
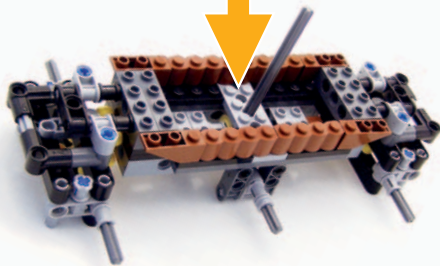
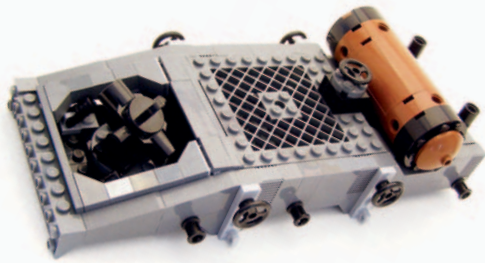






BUILDING JOURNAL

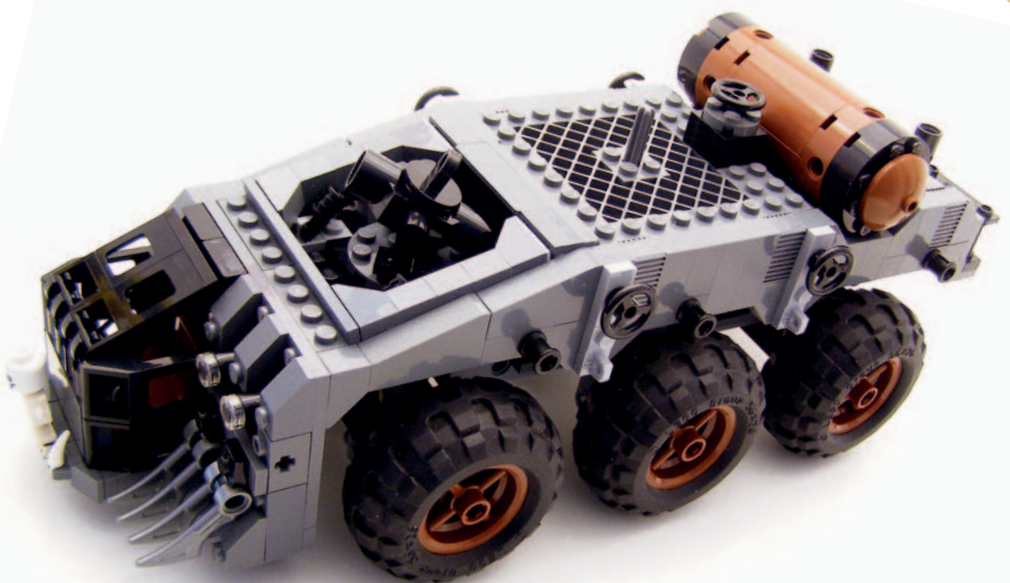
Tyler's models are out of this world. He told me that, for him, the more unusual the idea, the better. His process usually begins with making sketches or finding images that inspire him. Then he starts building—finding the defining features of the model and fitting them all together. For his post-apocalyptic world, muted colors like greys and tans create a dingy, dusty, and broken end-of-civilization atmosphere.

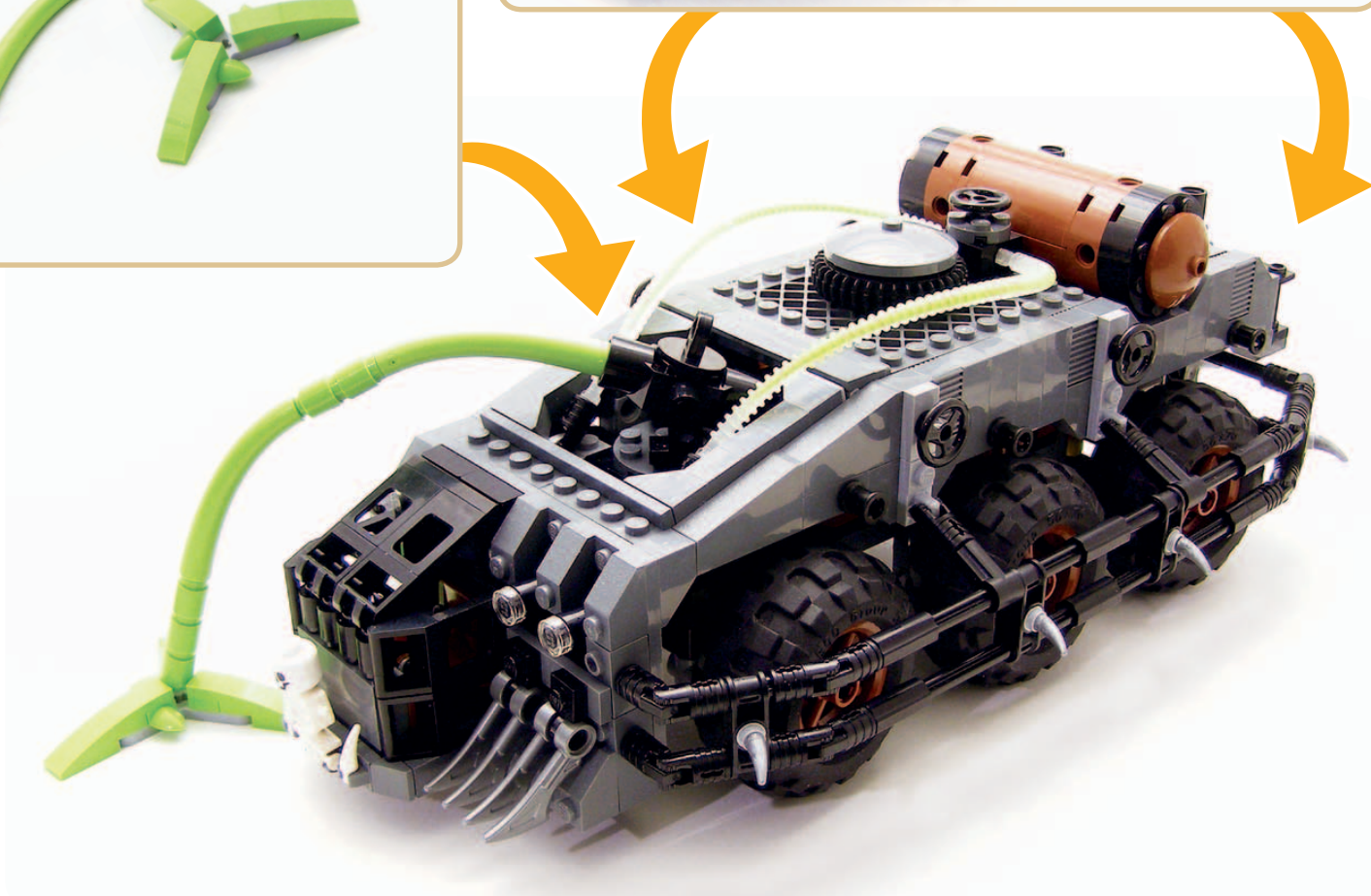
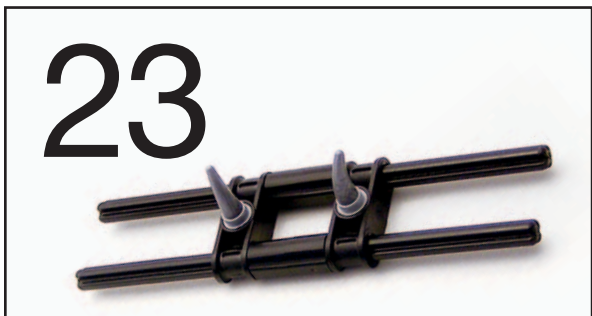
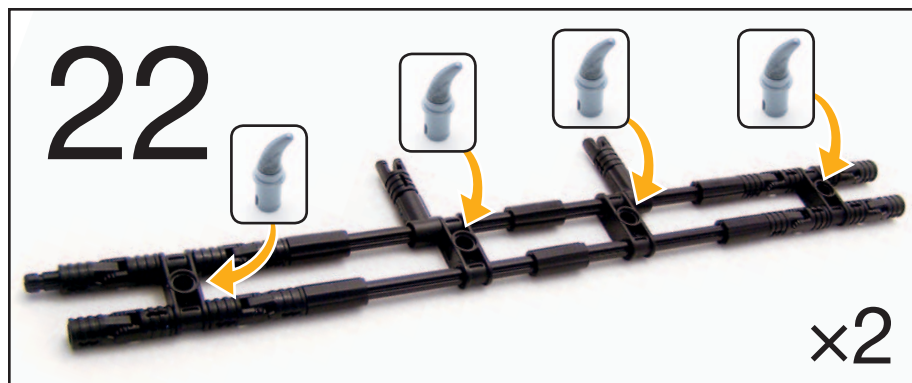


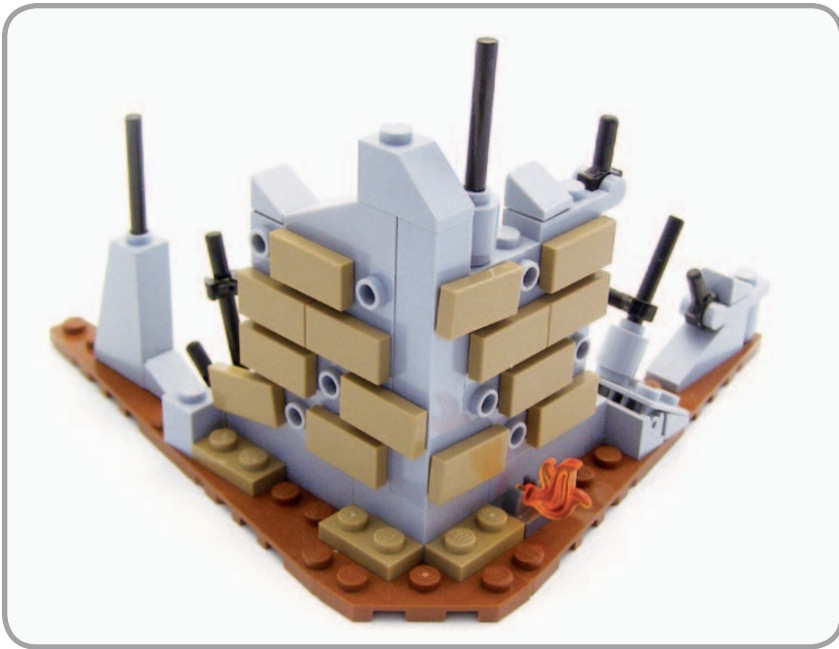
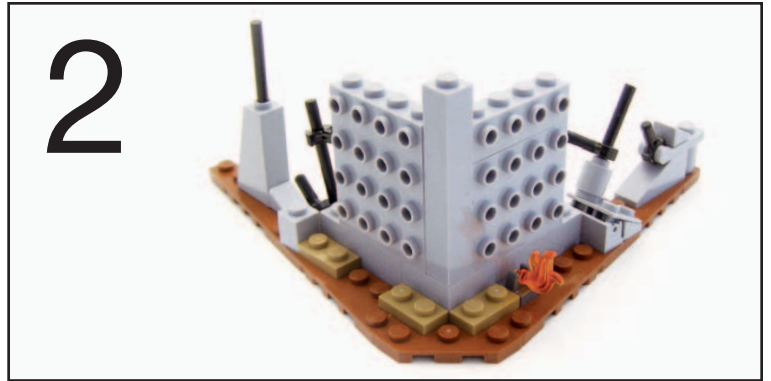
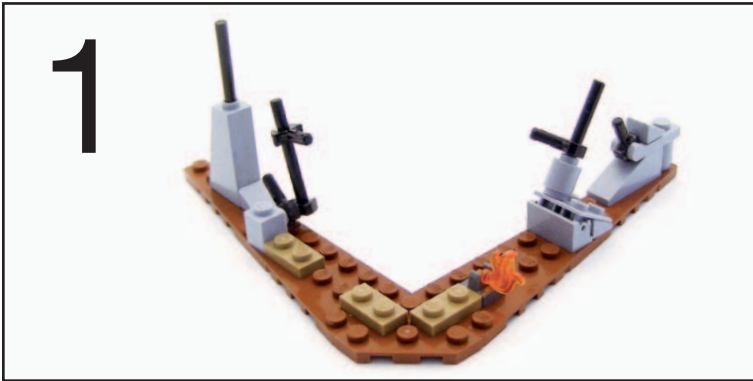
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Building Tip

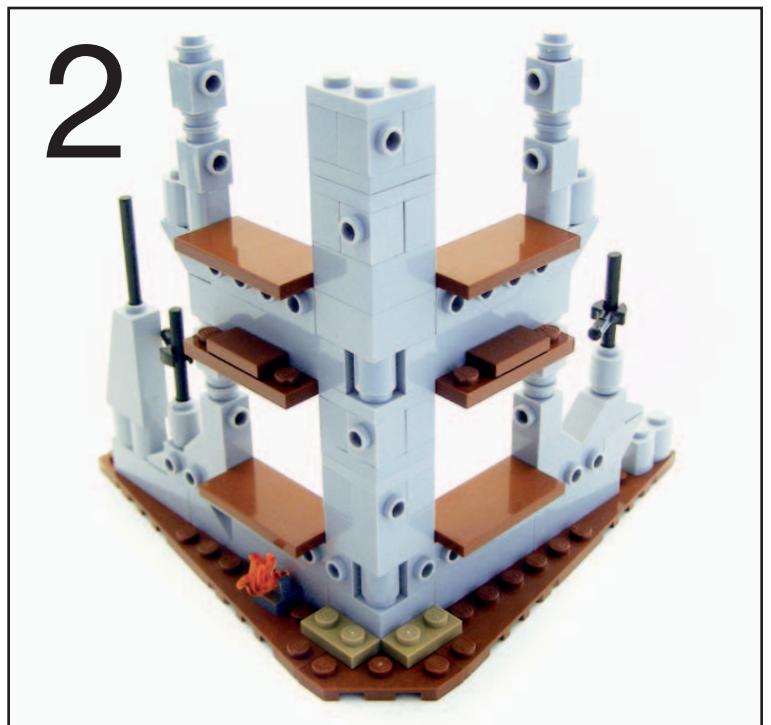
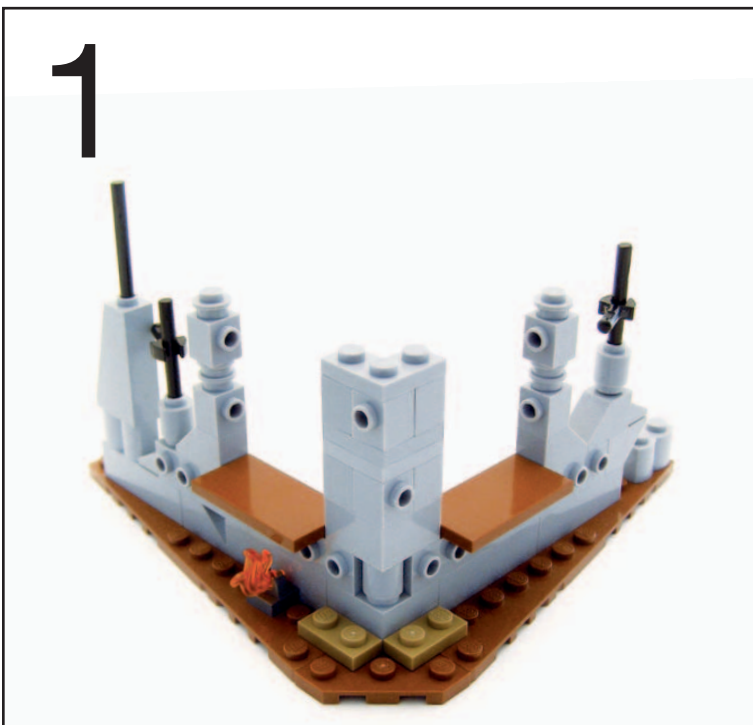
Adding six or more wheels will instantly turn any vehicle into something unusual.



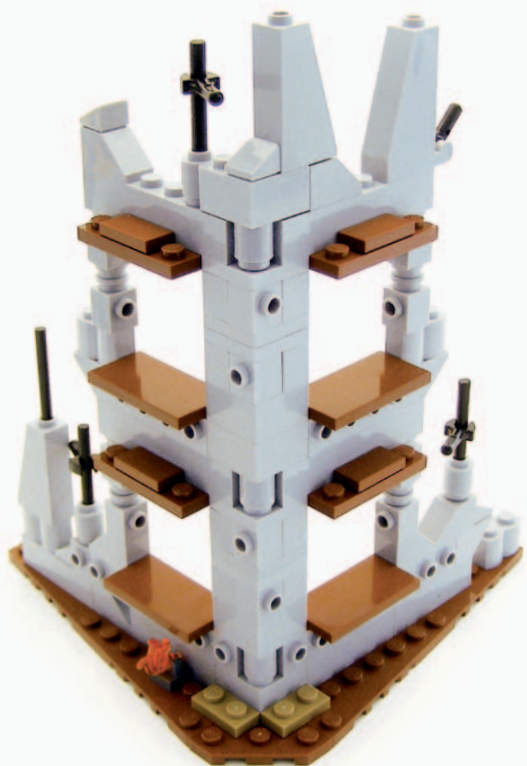




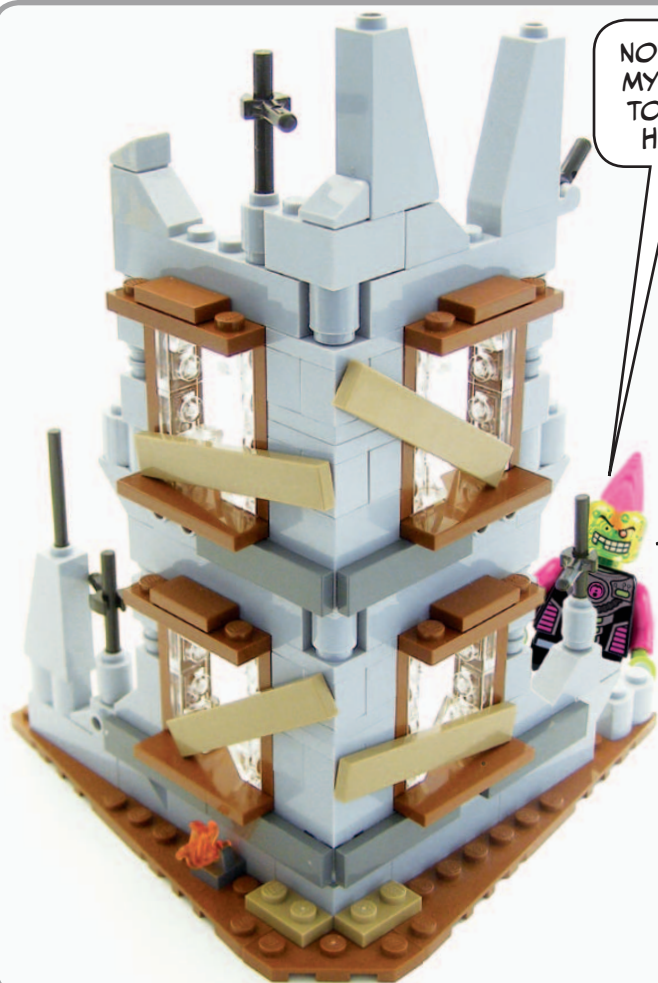
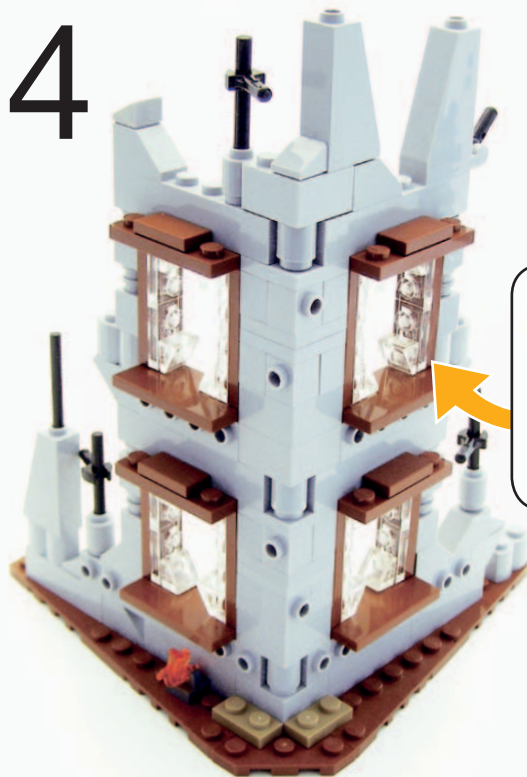
Still Standing



3



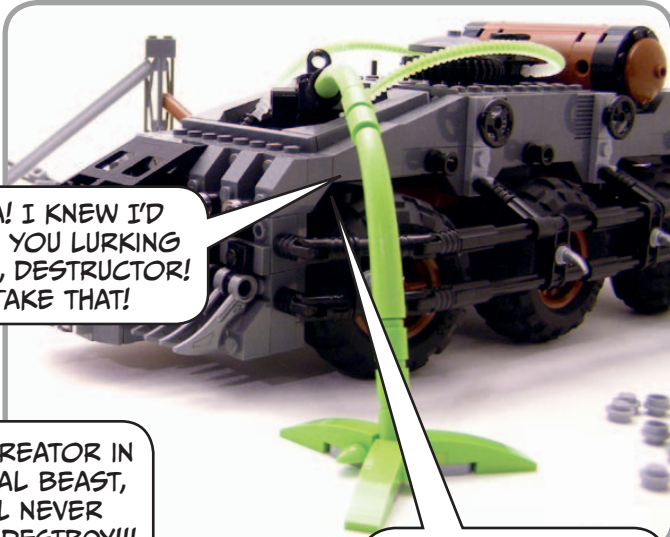
4



NOW THIS IS MY KIND OF TOWN...HEH HEH HEH.

AHA! I KNEW I'D FIND YOU LURKING HERE, DESTRUCTOR! TAKE THAT!

FOOLISH CREATOR IN YOUR METAL BEAST, YOU WILL NEVER CATCH ME! DESTROY!!!



ARGH! HE'S GETTING AWAY! TO THE TRANSPORT-O-LUX!

ZOOOM!






HELLO UP THERE! I DON'T KNOW WHO YOU ARE, BUT WELCOME TO THE LAND OF HISTORICA! I'M MARCO, AND YOU'RE JUST IN TIME TO HELP US REBUILD OUR DEFENSES.

HI, MARCO, I'M MEGS. IT SURE LOOKS LIKE YOU COULD USE SOME HELP.

WE'VE HAD OUR SHARE OF MONSTERS HERE, BUT THERE'S A NEW CREATURE ABOUT.



WOULD THAT CREATURE BE A PINK-HAIRED DESTRUCTION MONSTER? I'VE BEEN AFTER THE FOUL BEASTIE FOR A WHILE NOW AND ALMOST HAD HIM, BUT HE GOT AWAY.

YES, THAT SOUNDS LIKE THE MONSTER WHO ATTACKED OUR GUARD POST. WE'D BETTER START REPAIRING THE TOWER NOW, BEFORE HE OR ANY OTHER MONSTER SHOWS UP!

OK, LET'S DO IT!

A Veritable Fortress



Marco den Besten

Nickname: 'Ecclesiastes

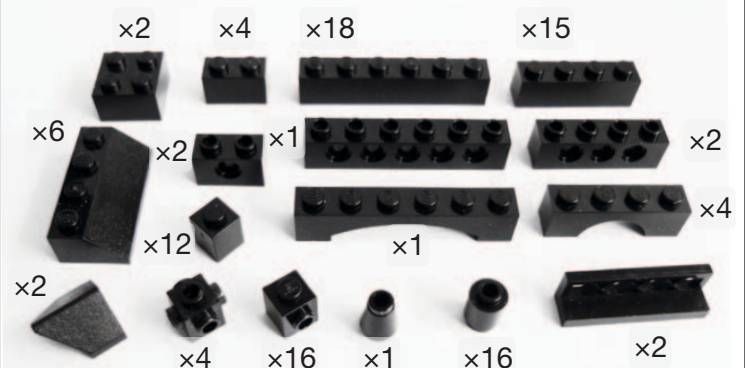
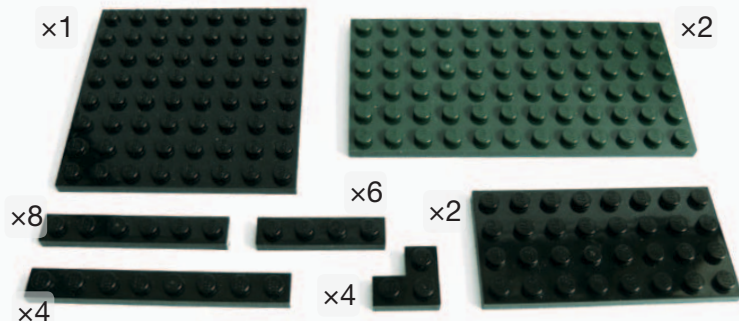
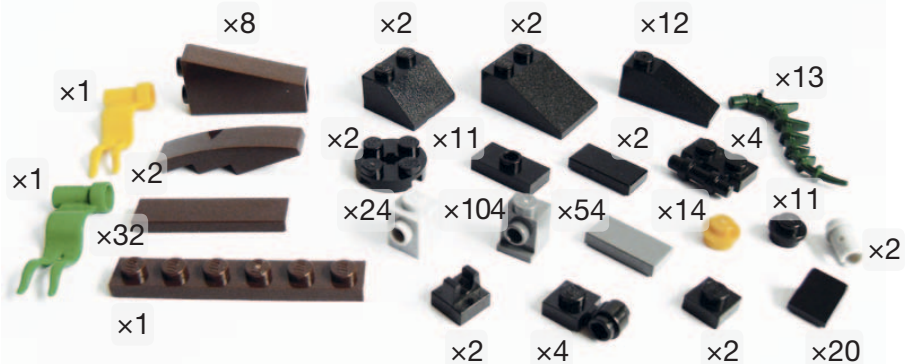
Profession: Sales Manager

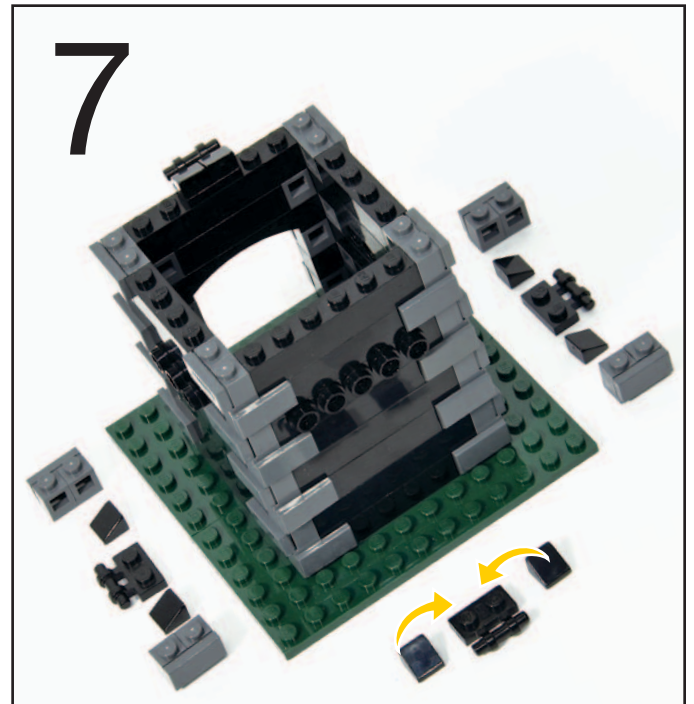
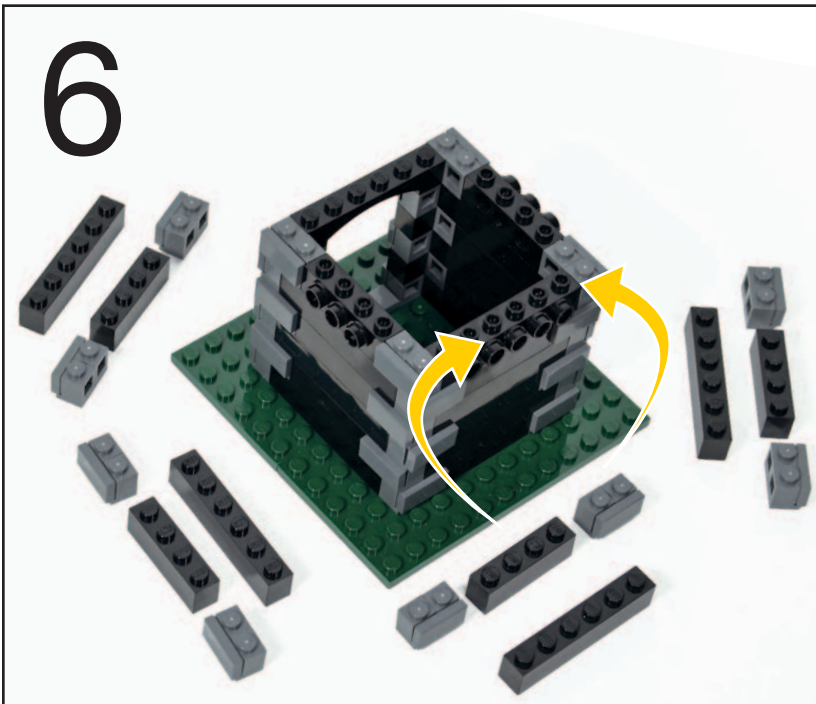
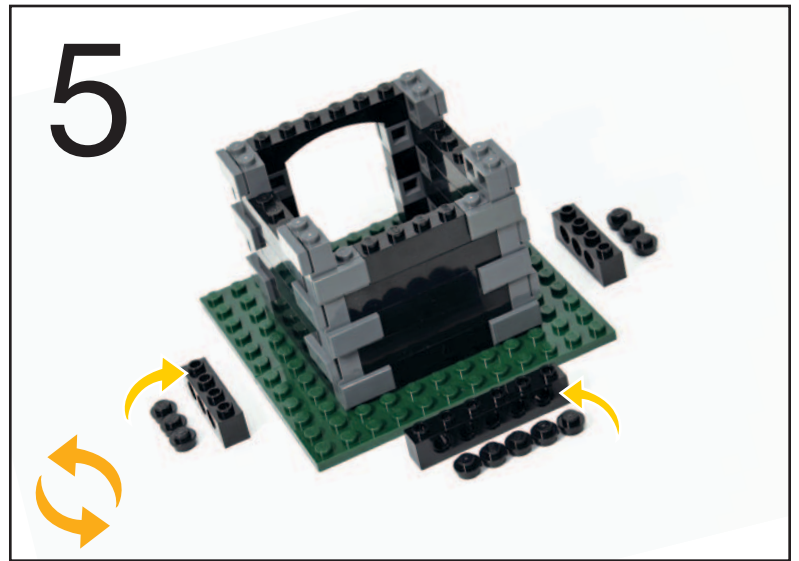
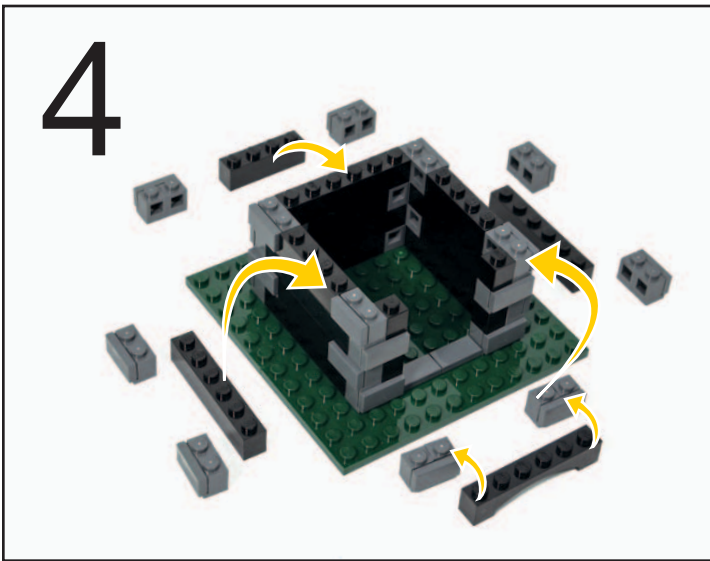
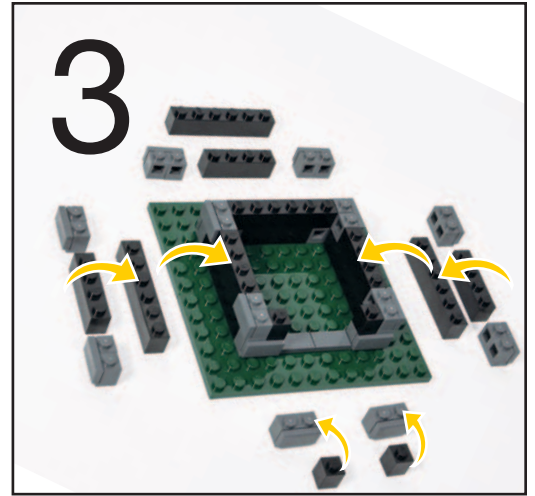
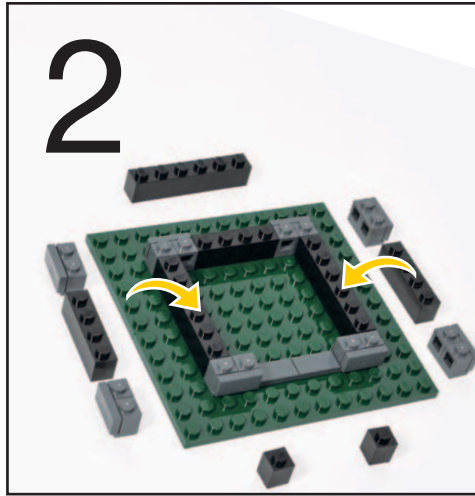
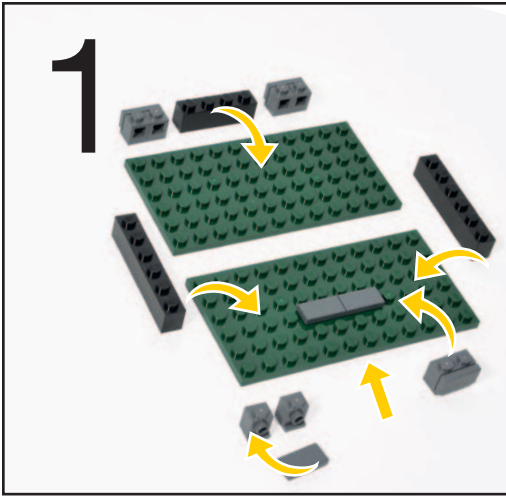
Nationality: Dutch

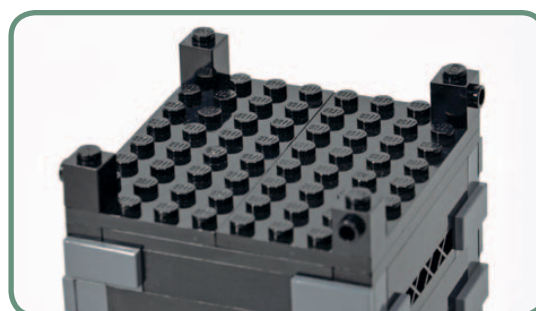
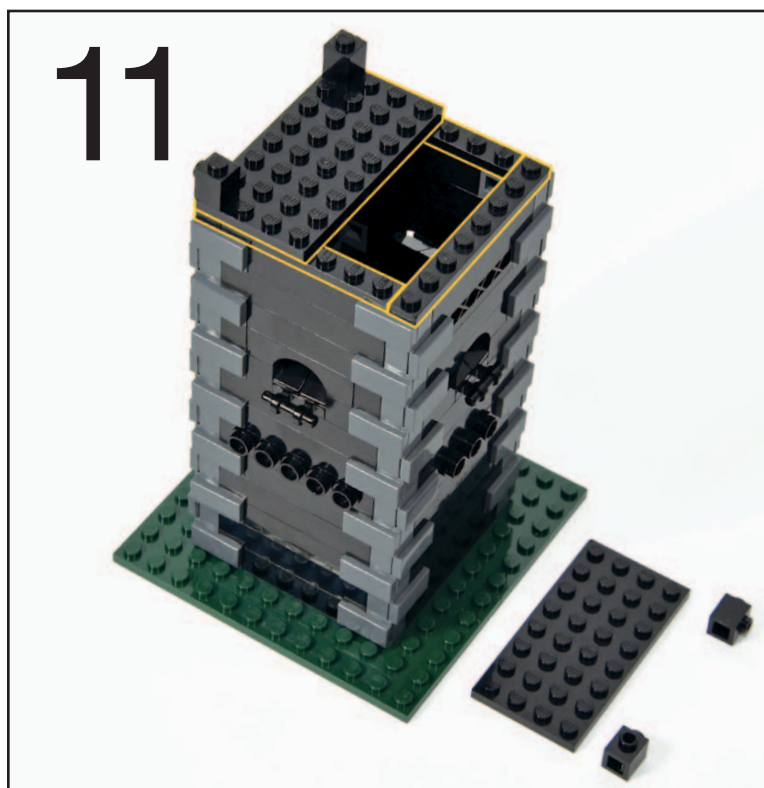
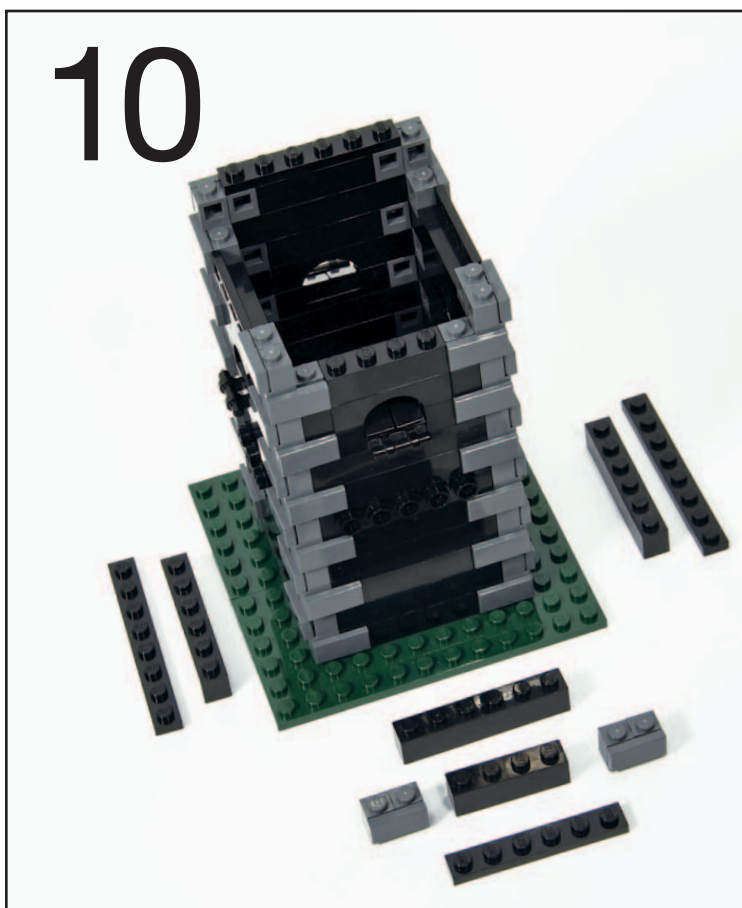
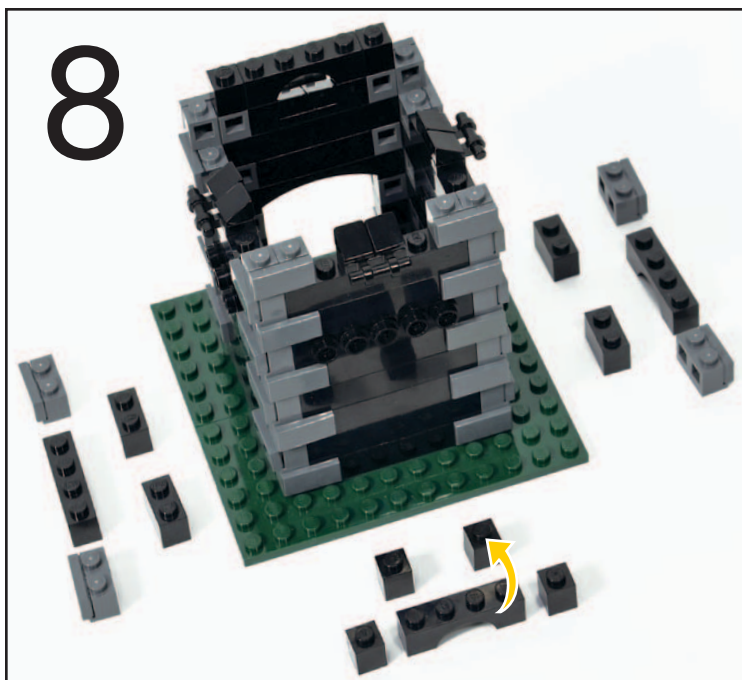
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Watchtower

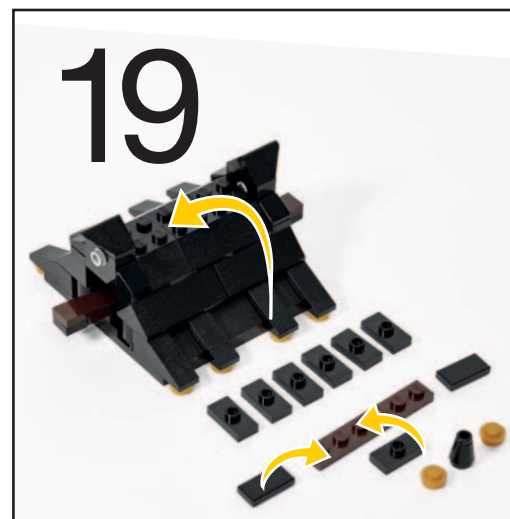
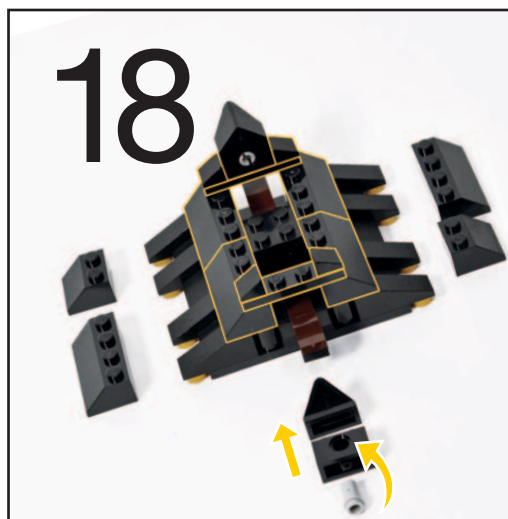
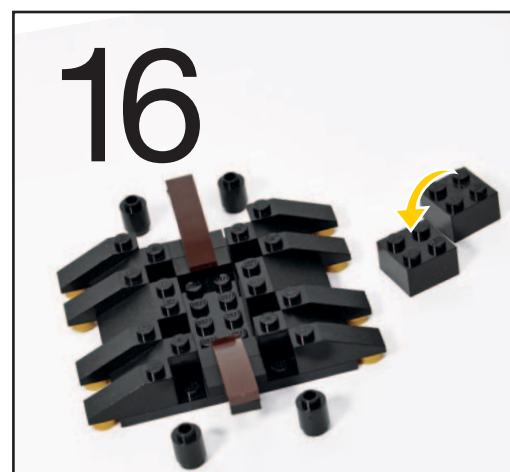
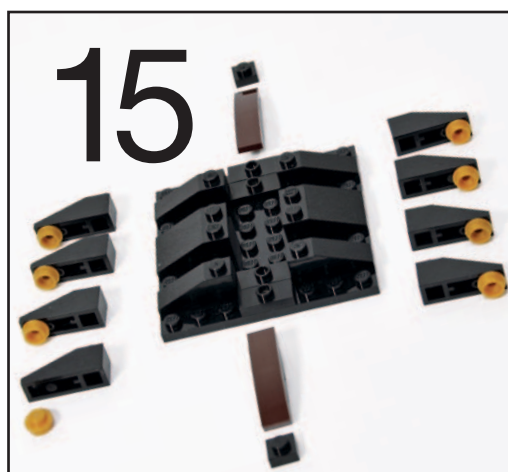
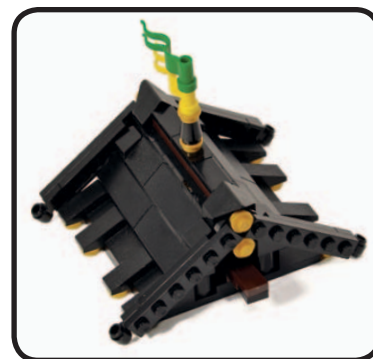
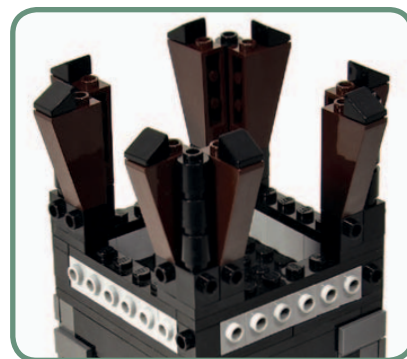
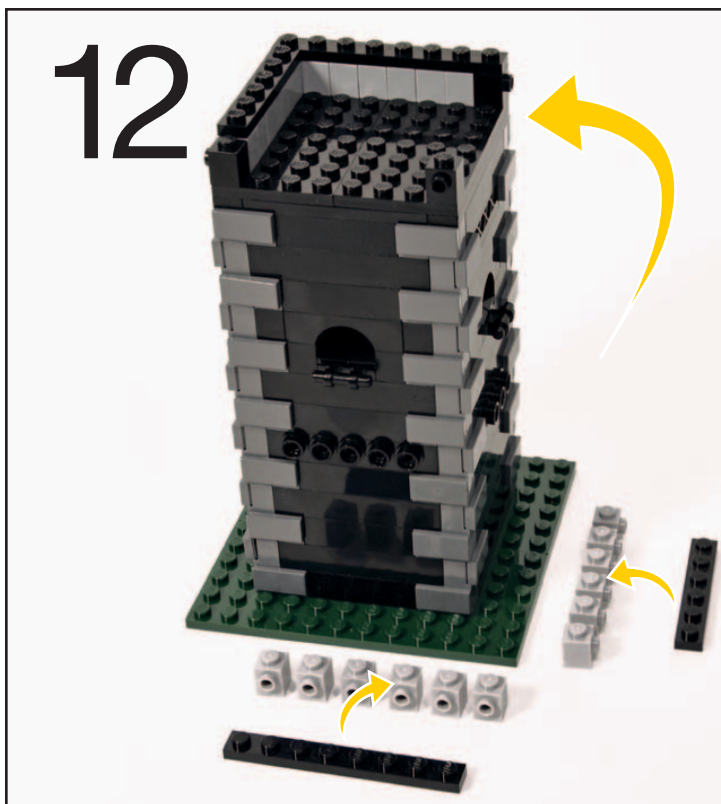


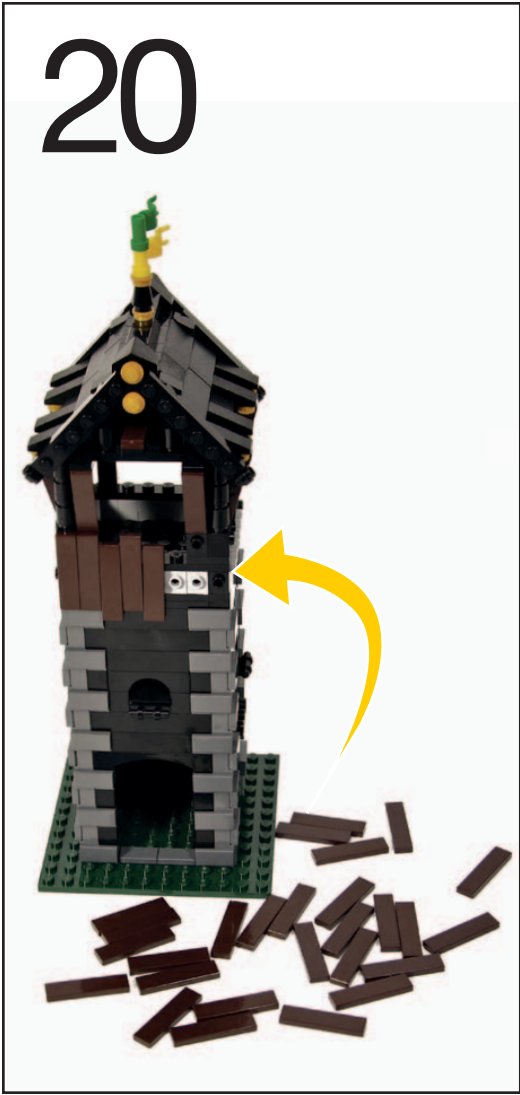
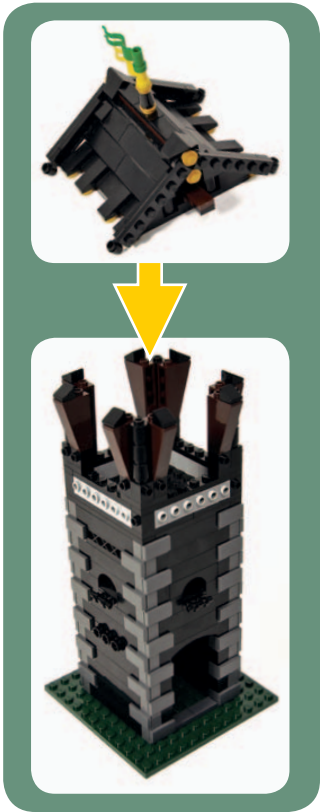
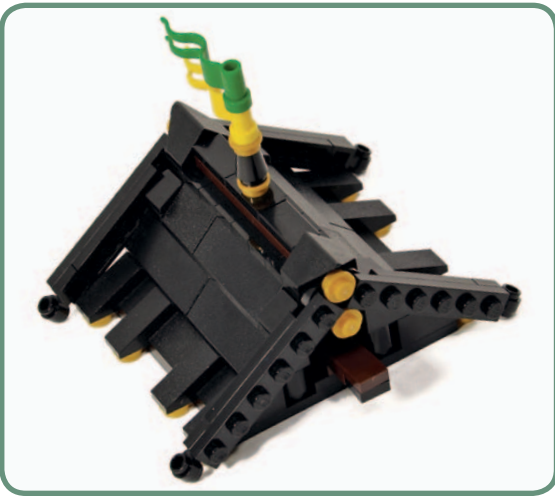
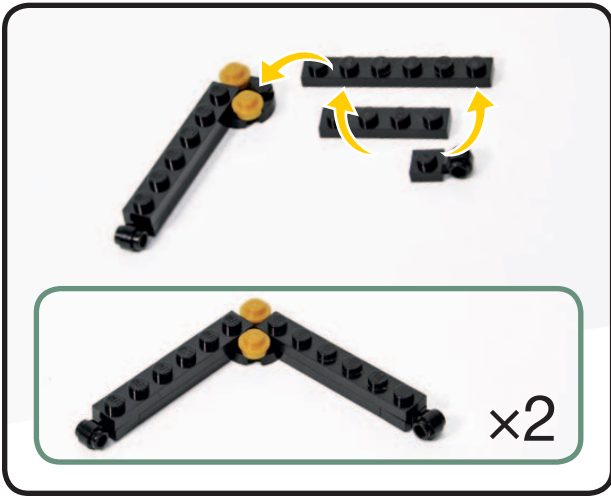




Building Tip

Using an accent color for the cornerstones will give your building more character and create the appearance of ancient stonework.

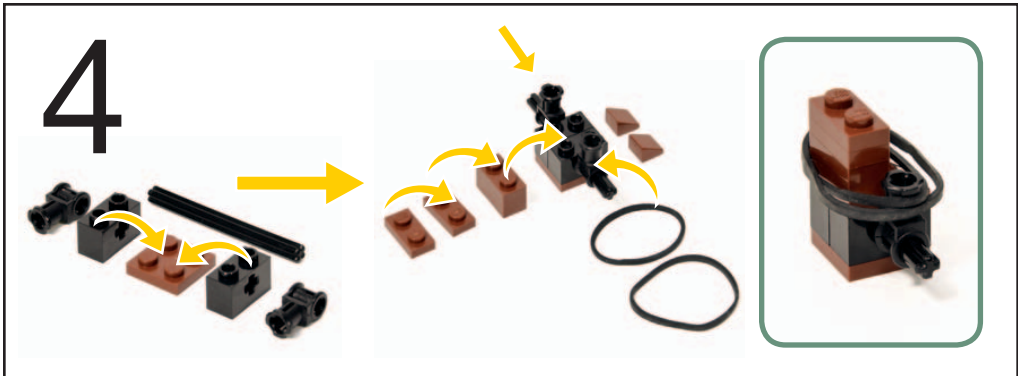
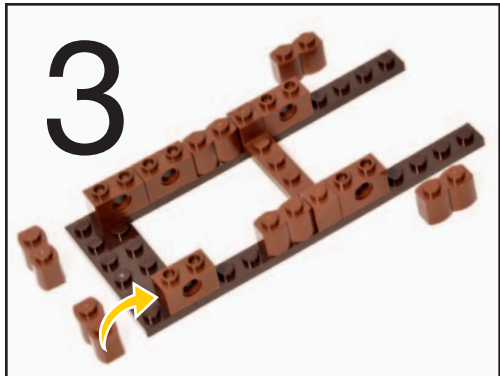
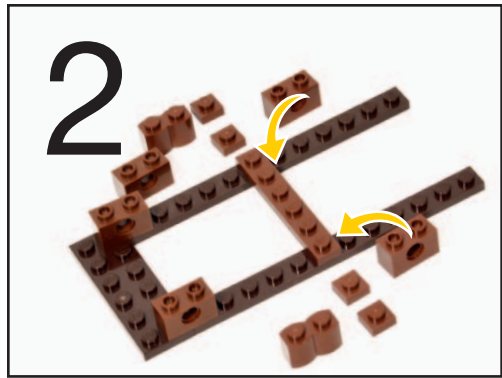
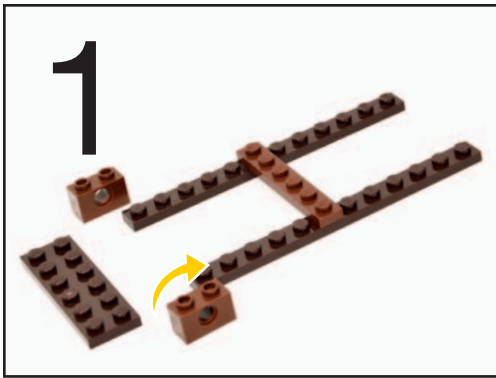
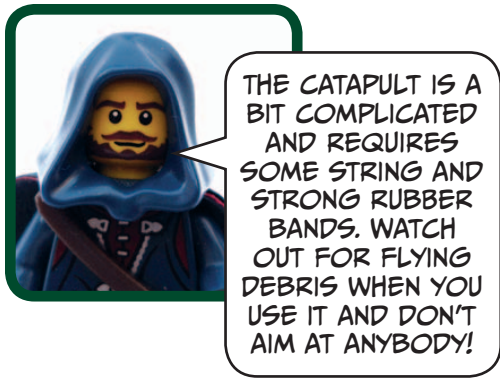
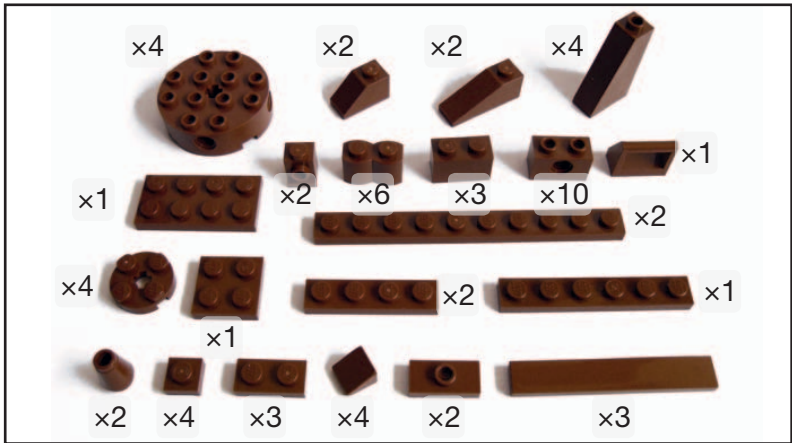
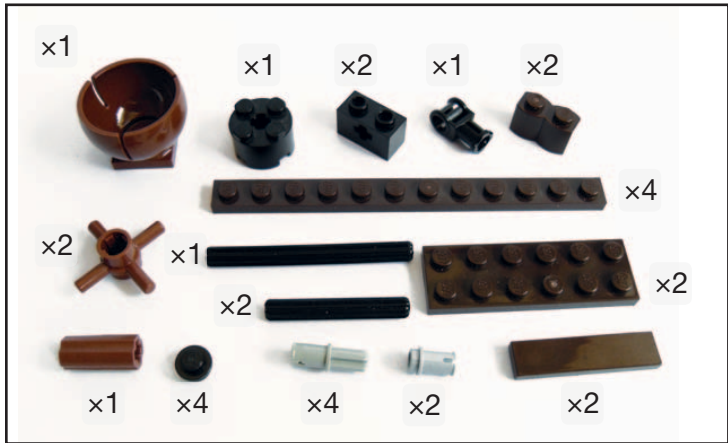
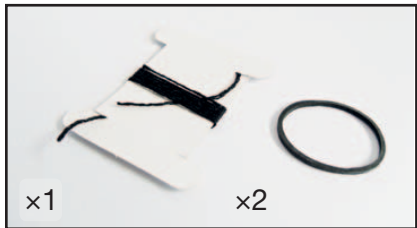


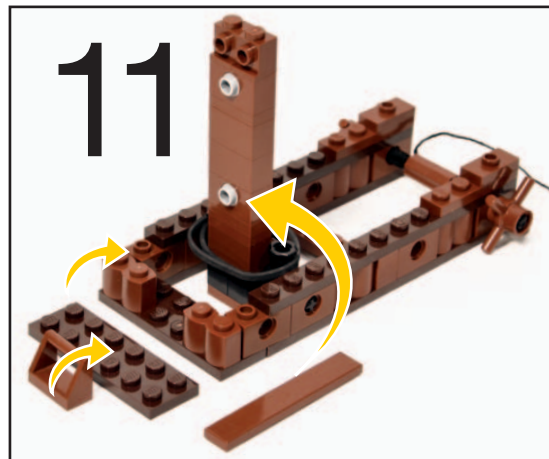
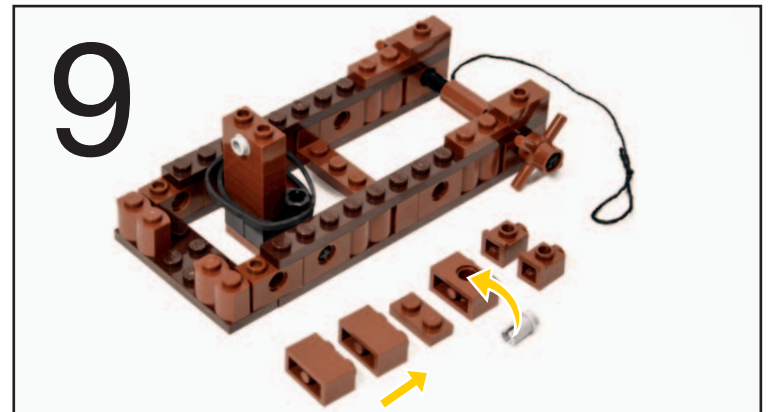
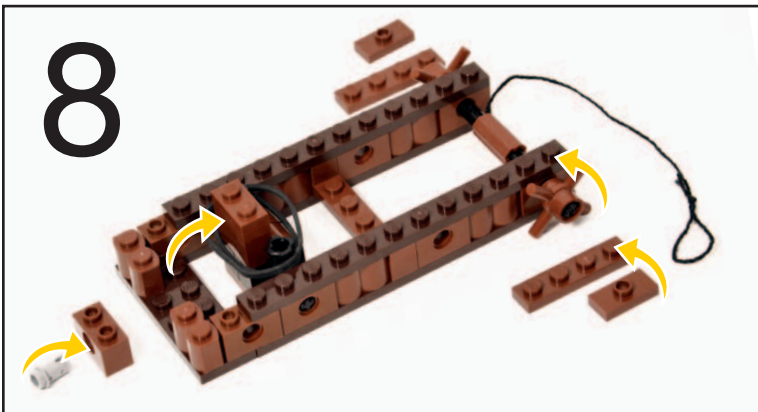
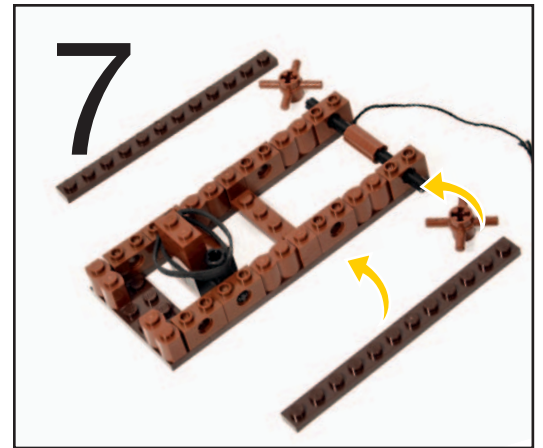
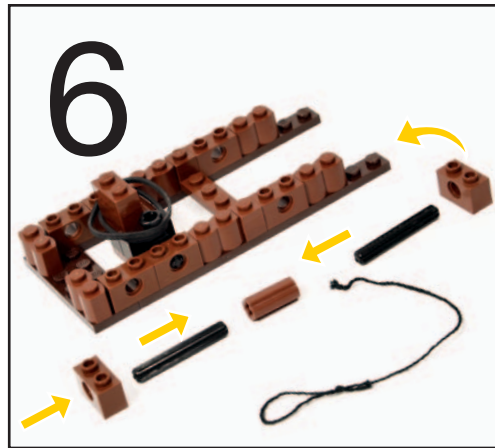
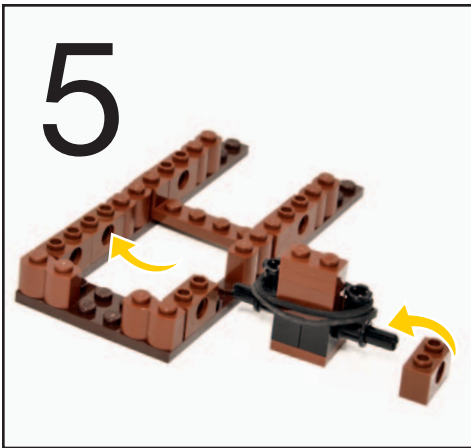


Building Tip
Use multiple plant pieces in combination to make trees or add flowers for atmosphere.

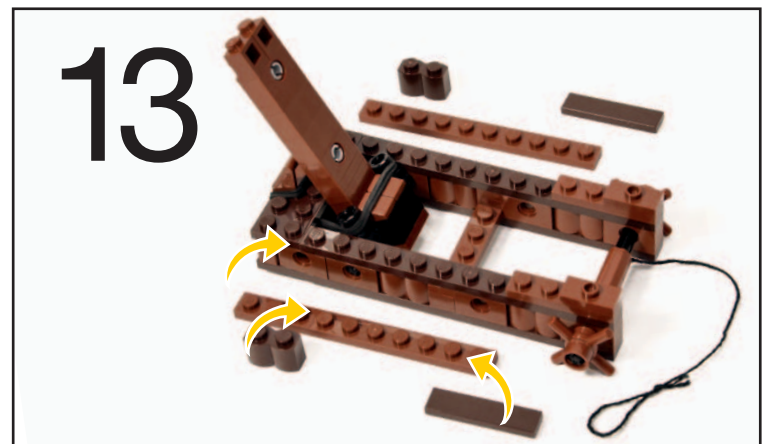
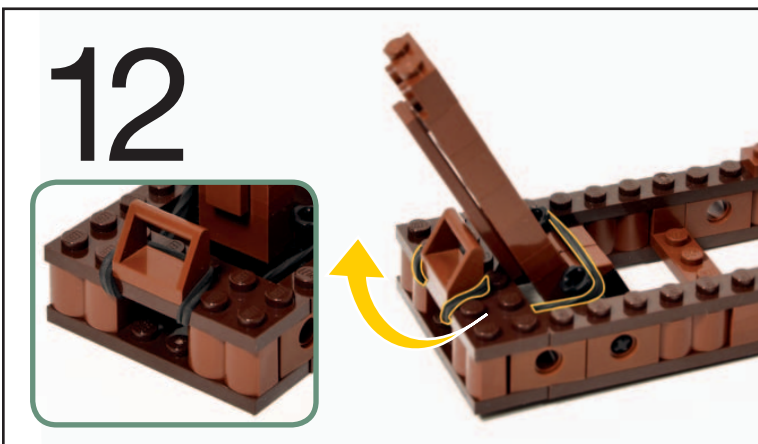


Catapult

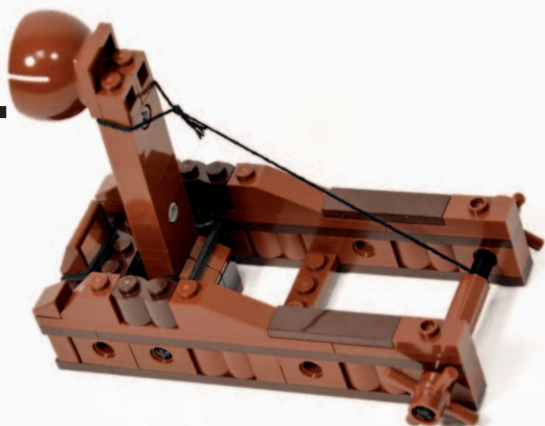




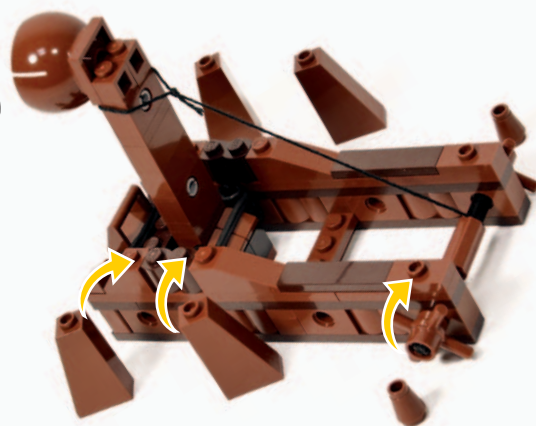
Building Tip
Putting the rubber band on can be a bit tricky. First thread it under the 2x6 plate and pull it over the 1x2 handle, and then adjust it on the catapult.



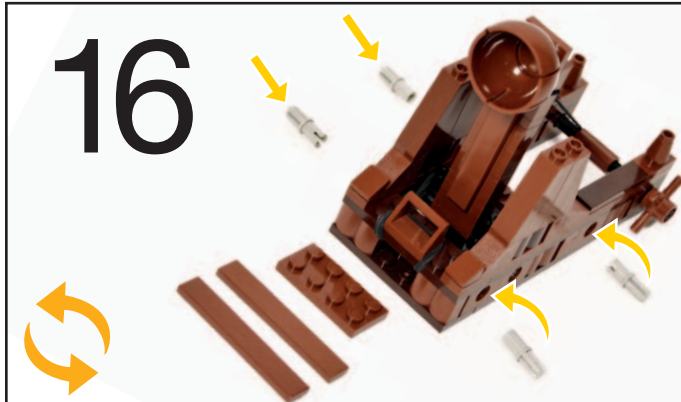
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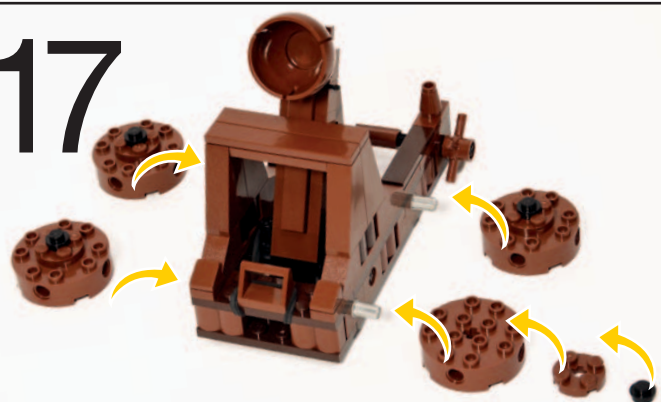
15



16



17



BUILDING JOURNAL

Marco has created a very cool world! He often finds inspiration in online building contests. Before he starts building any structures, he uses minifigures to come up with new characters, which are essential to his models. He thinks about what kind of environment they would live in, like snow, mountains, or swamplands, and considers the elevation. After he has built the terrain, he imagines the kind of buildings that would exist there. He plans it all out in his head and then builds each model to suit its environment. When I build, I should consider not only the buildings but their surroundings and how they flow with each other.

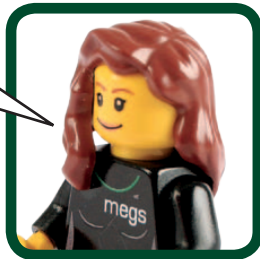
Building Tip

You can add more rubber bands to the catapult to increase its power, but adding too many could break it apart.

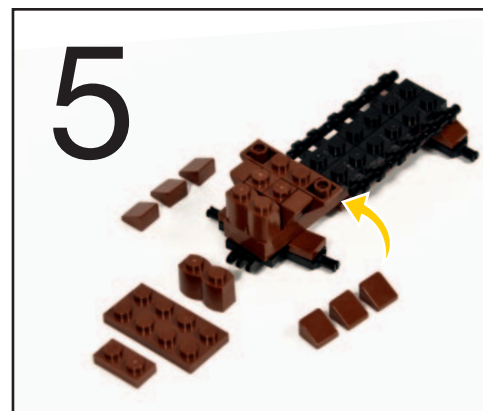
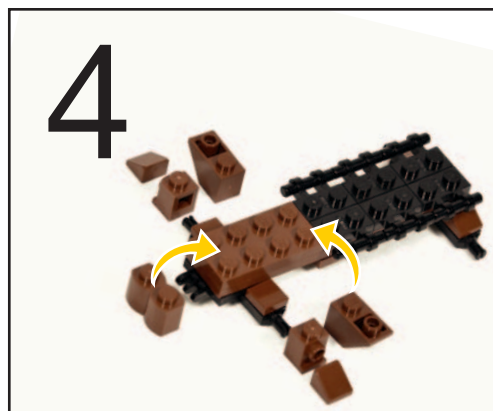
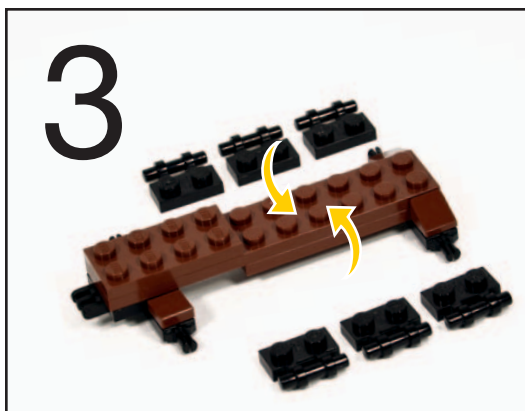
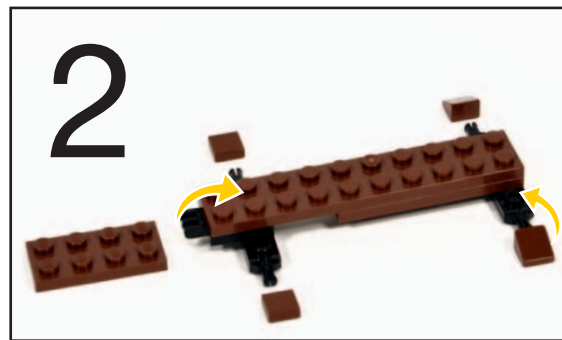
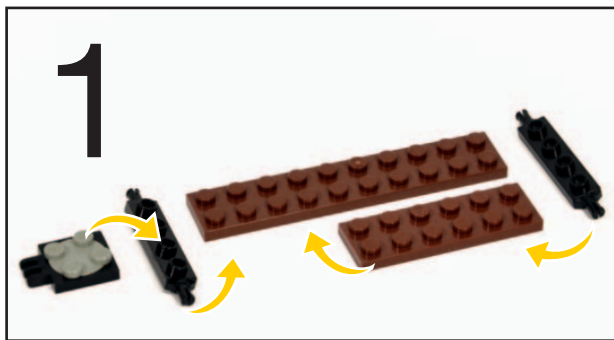
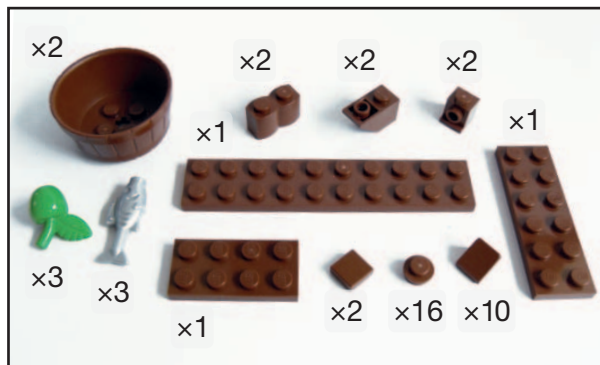
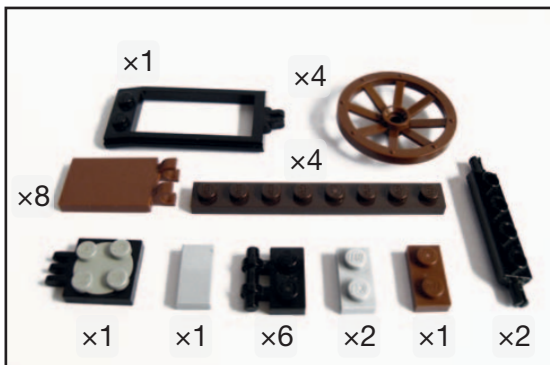


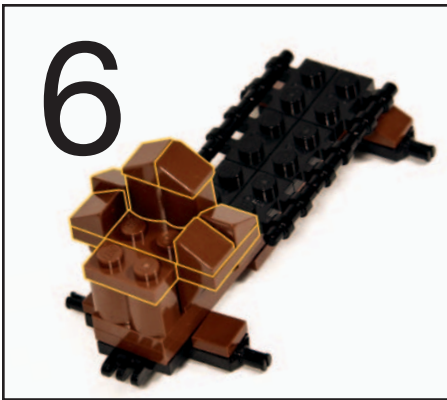
ALL THIS BUILDING MAKES ME AND MY MEN VERY HUNGRY. LET'S BUILD A CART TO SEND THE MARKET TO GET SOME FOOD.

GOOD THINKING, MARCO, I HAVEN'T EATEN SINCE I LEFT HOME! I THINK WE'RE ALL HUNGRY NOW.

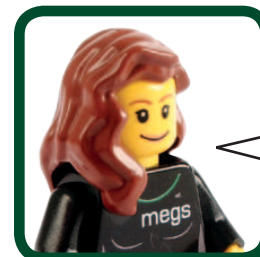
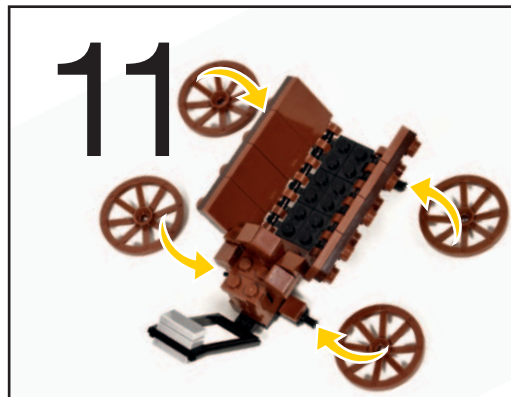
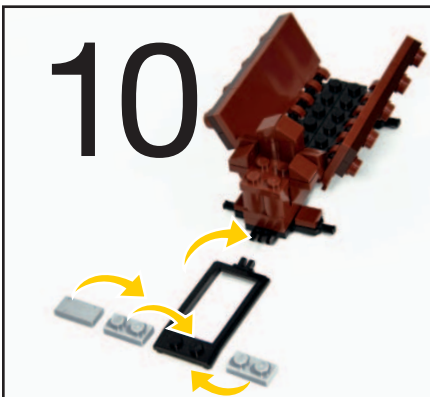
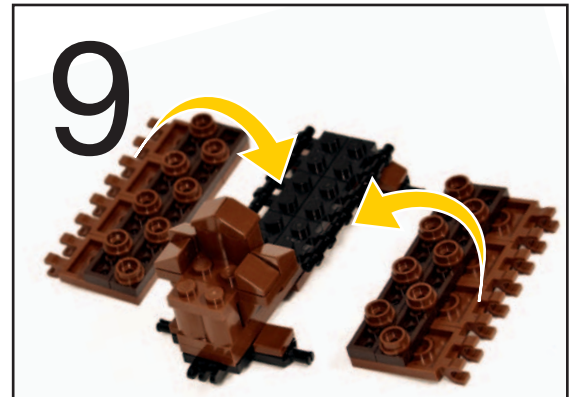
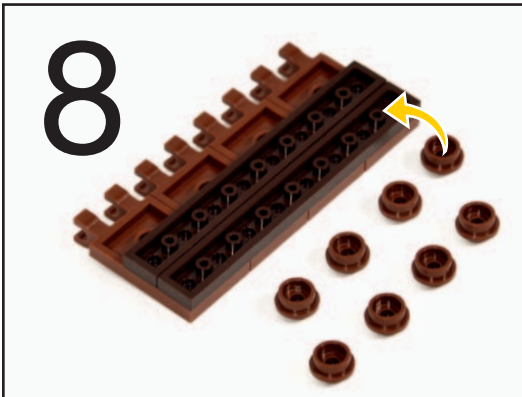


Market Cart

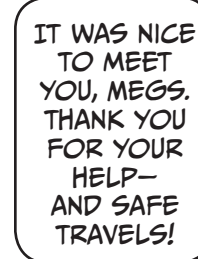




Building Tip
The sides of the cart can be in any colors. Try giving the cart your own twist.



THAT WAS A GOOD FISH DINNER, MARCO, BUT I SHOULD GO AFTER THE DESTRUCTOR NOW.



IT WAS NICE TO MEET YOU, MEGS. THANK YOU FOR YOUR HELP—AND SAFE TRAVELS!

HISTORICA

Guilds of Historica is an online building community. People can join one of the guilds, share their models, and participate in building challenges. Each guild has a different focus, so builders can join one that fits their style and interests. For more information, visit: www.eurobricks.com/forum/index.php?showforum=145/.

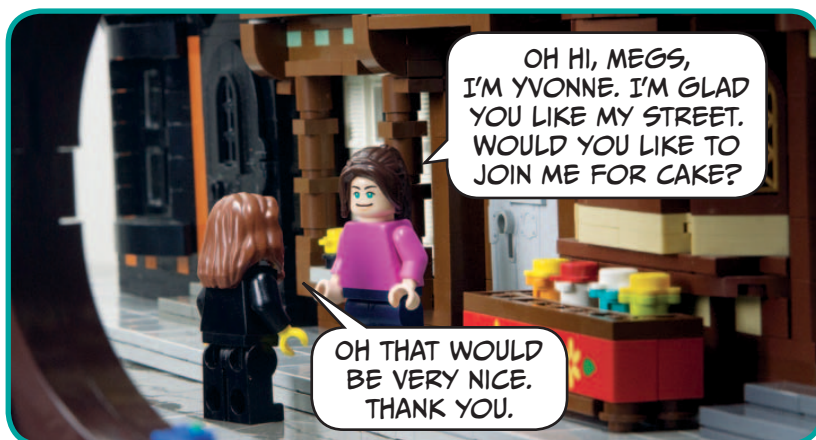
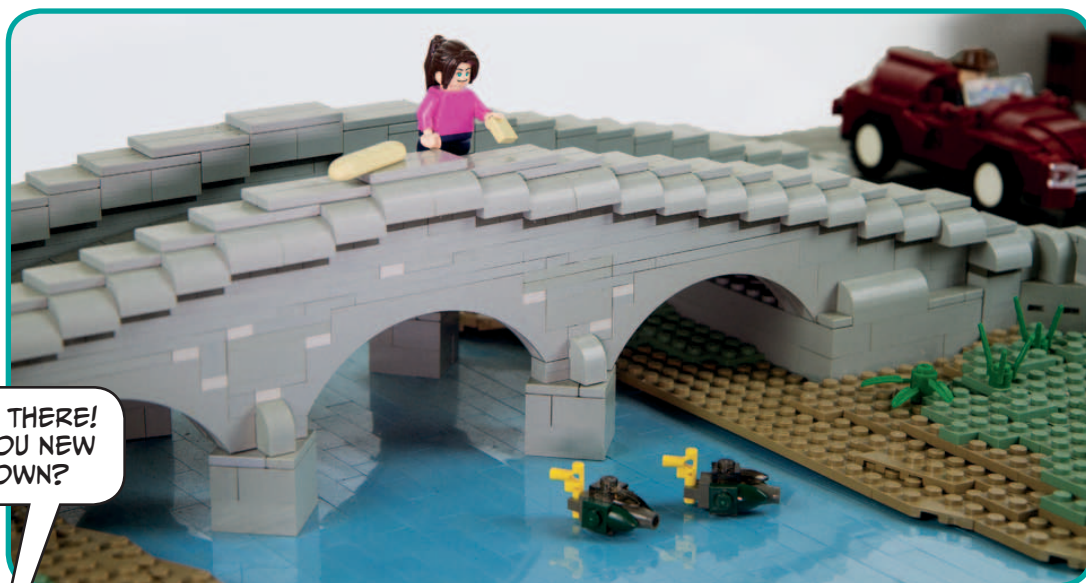
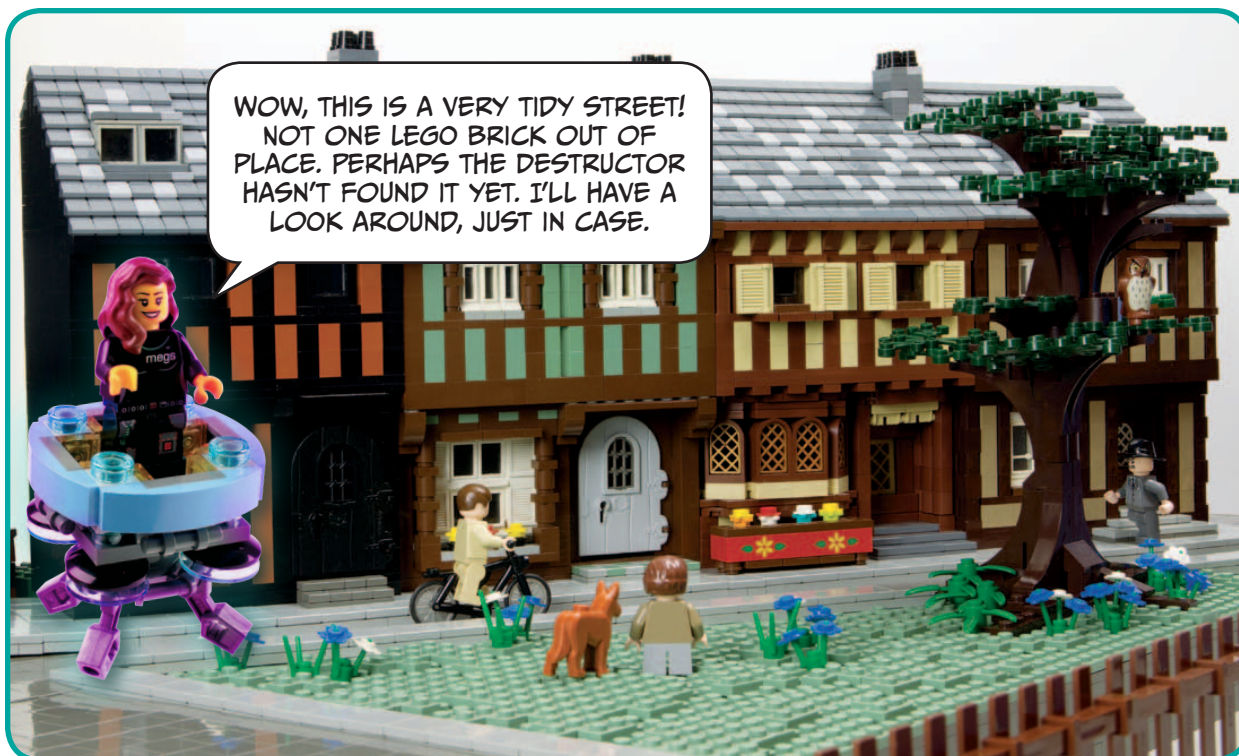
Garra Tower



Eaurios



Ondylion City



Brick Friends



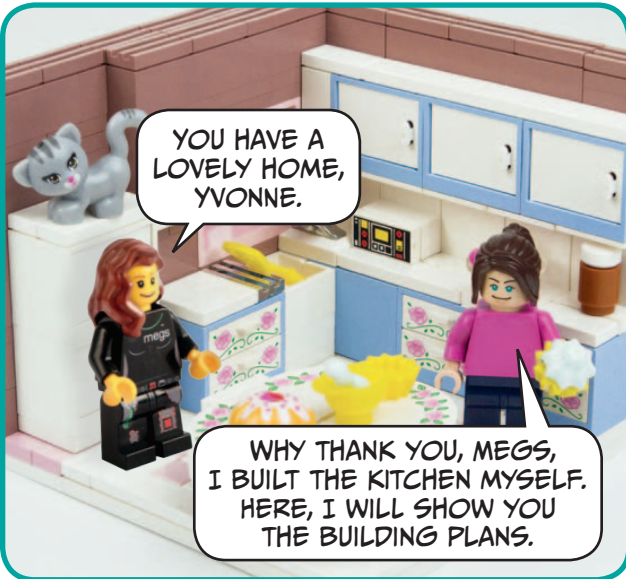
Yvonne Doyle

Nickname: {YVD}

Profession: SQL Programmer

Nationality: British

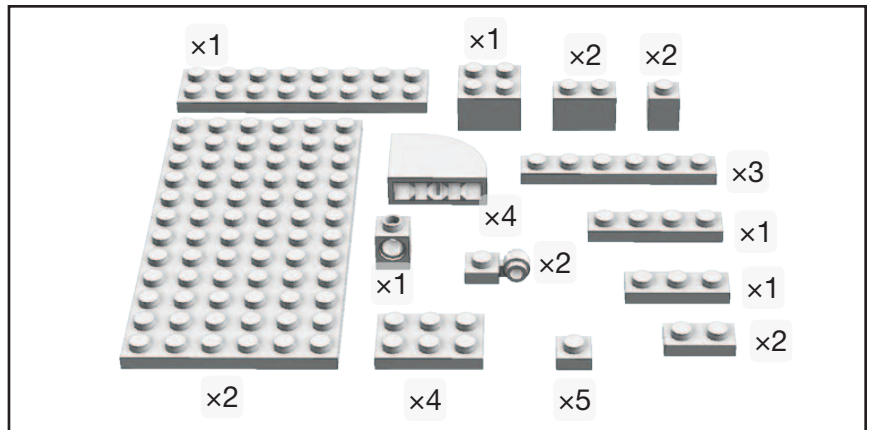
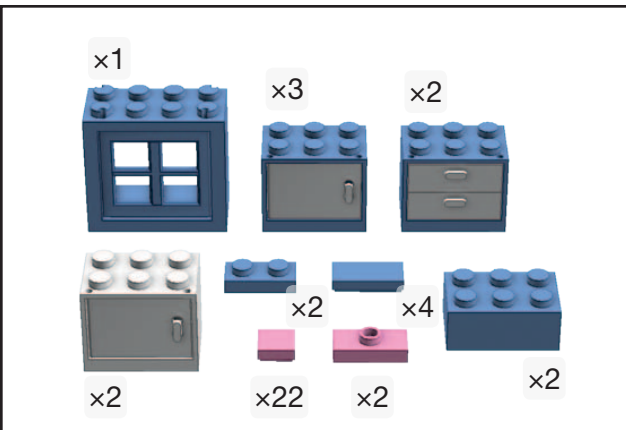
Website: www.flickr.com/photos/yvonedoyle/



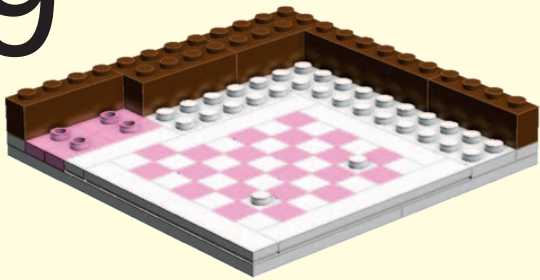
Classic Kitchen



MY KITCHEN CAN BE BUILT
IN A LOT OF DIFFERENT
COLORS AND WITH DIFFERENT
CABINETS. IT'S EASY TO
BE AN INTERIOR DESIGNER
WITH LEGO BRICKS.



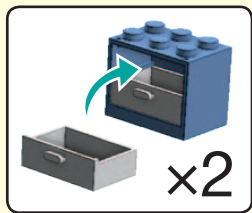
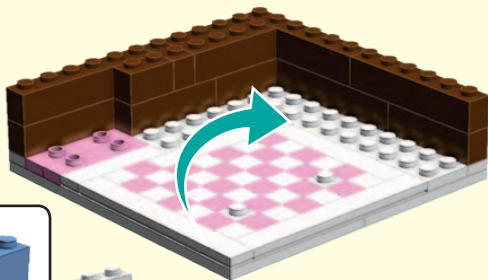
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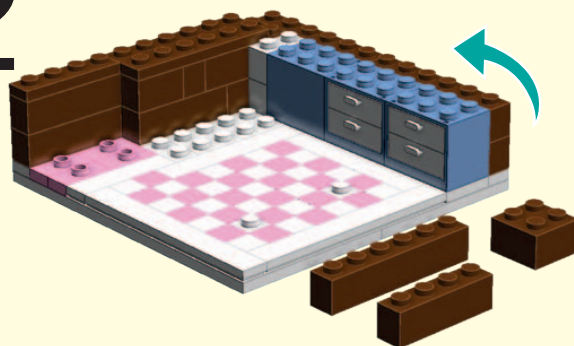
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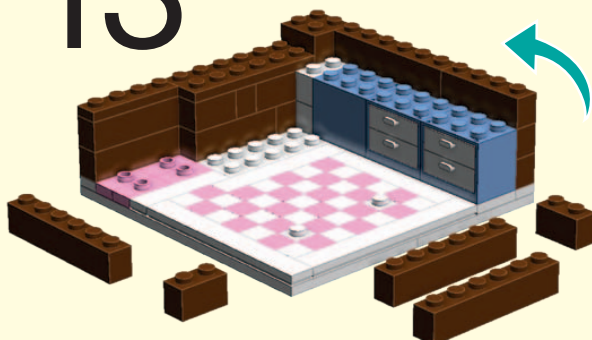
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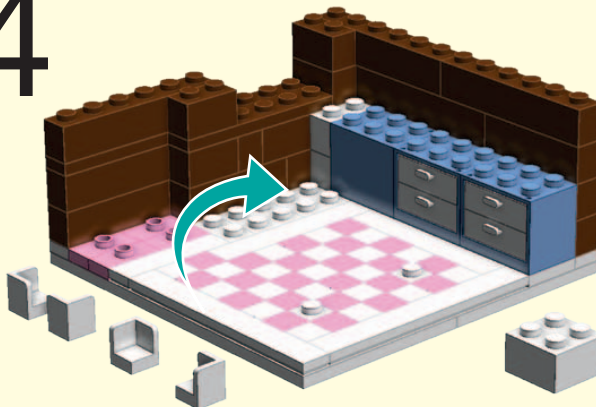
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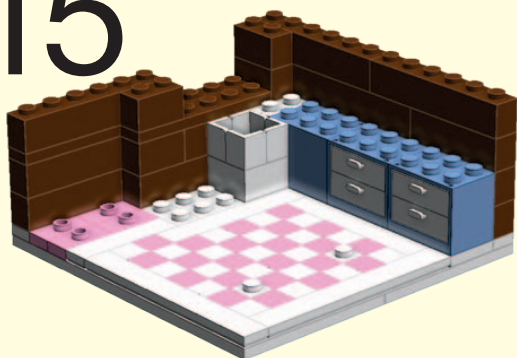
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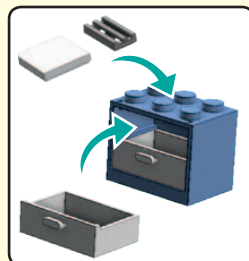
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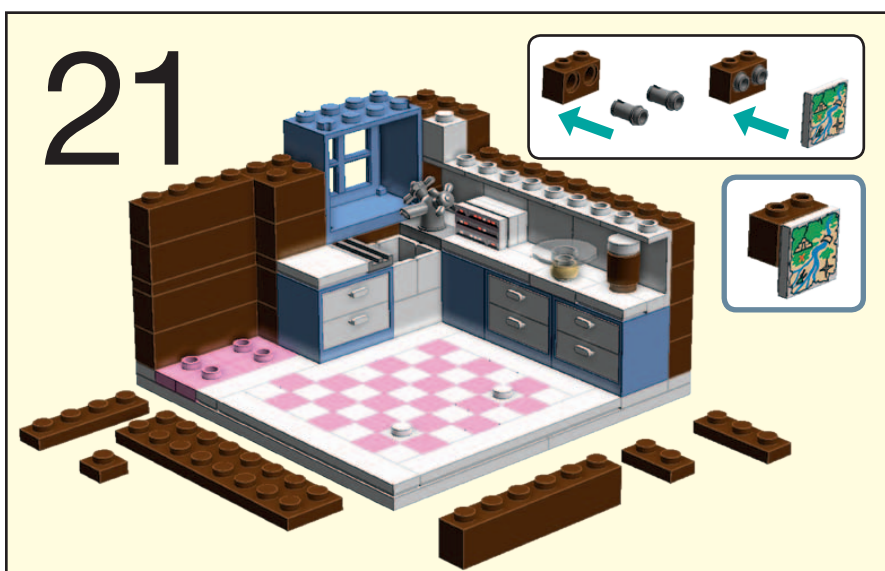
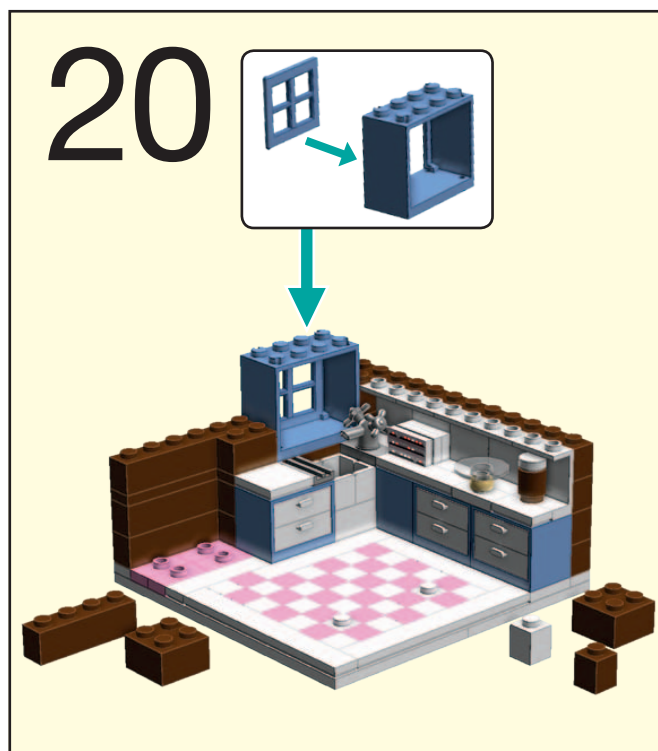
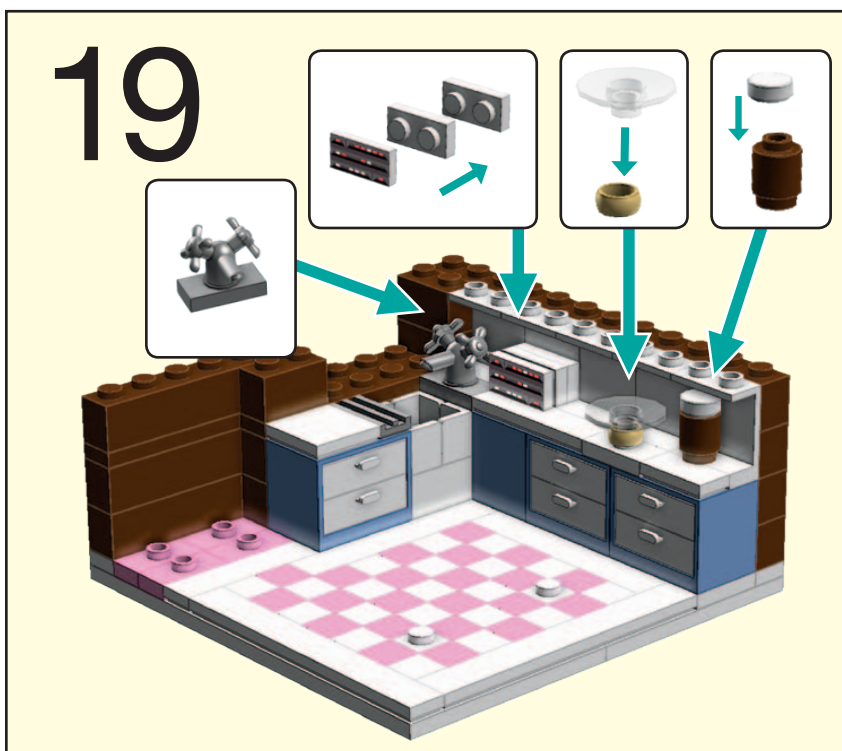
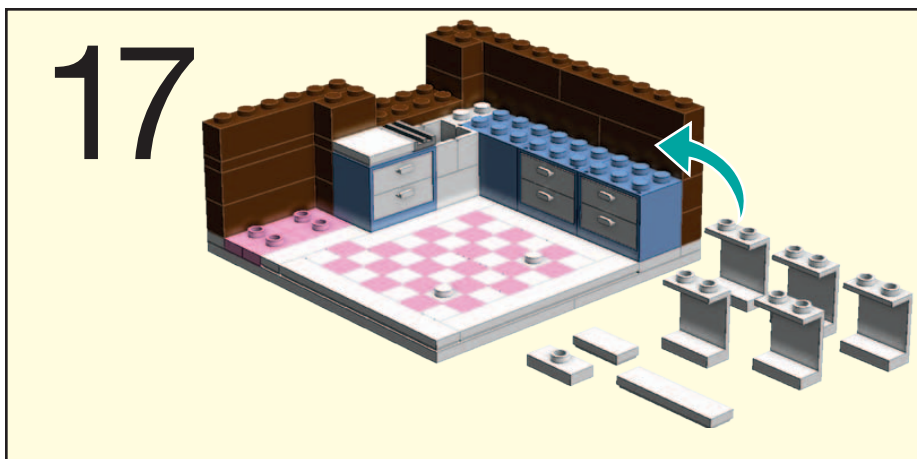


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23



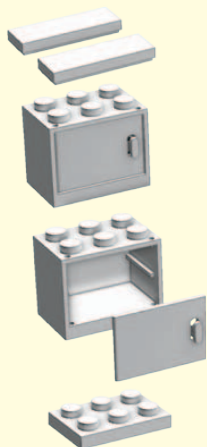
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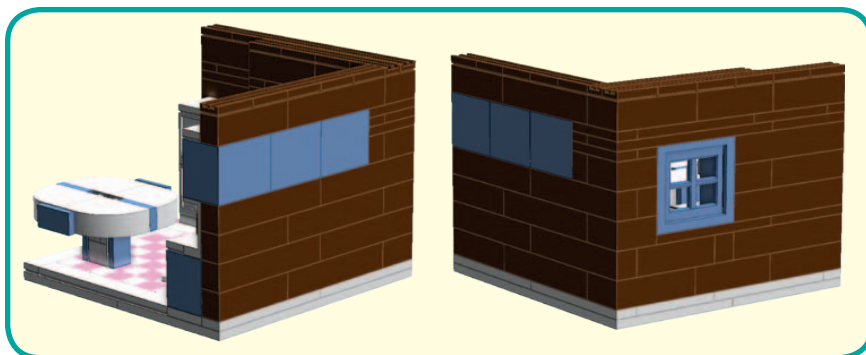
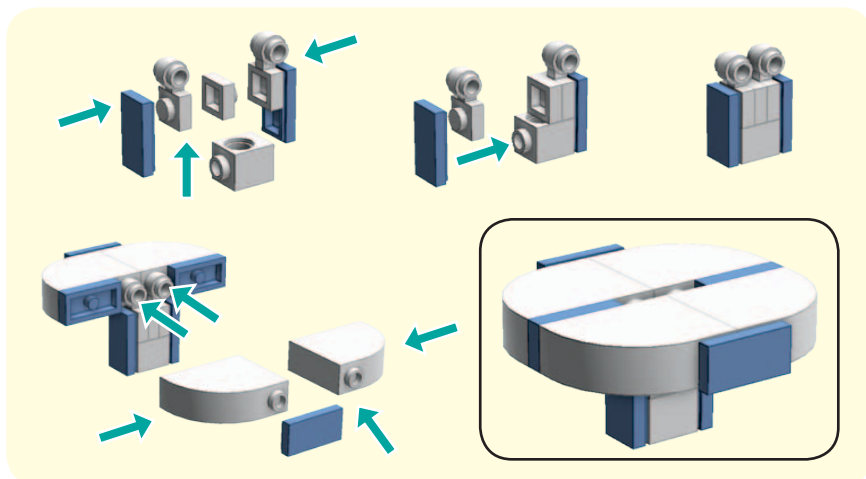


25



26





Building Tip

Building an interior display with only two or three walls can be a good way to experiment with different styles.



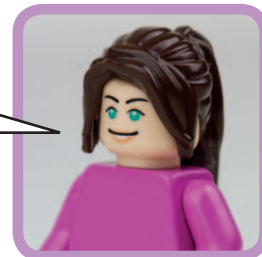
LOOKS GREAT!

THANK YOU, MEGS,
I REALLY ENJOY
BUILDING. ANYONE
CAN CREATE WITH
LEGO BRICKS.

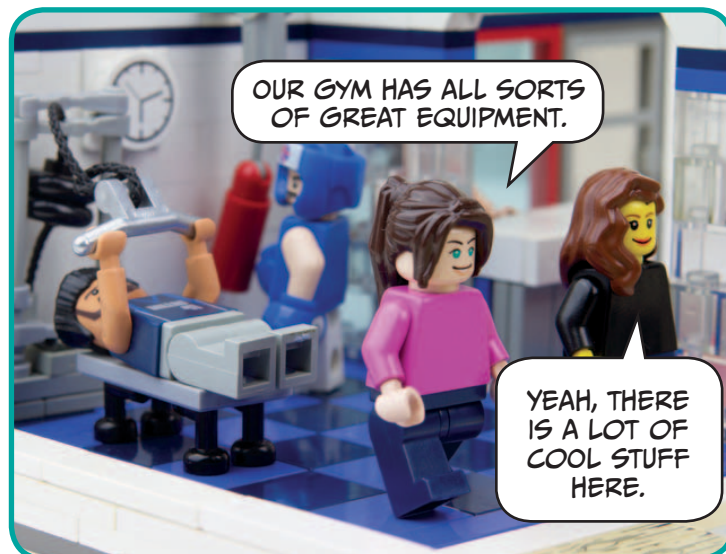
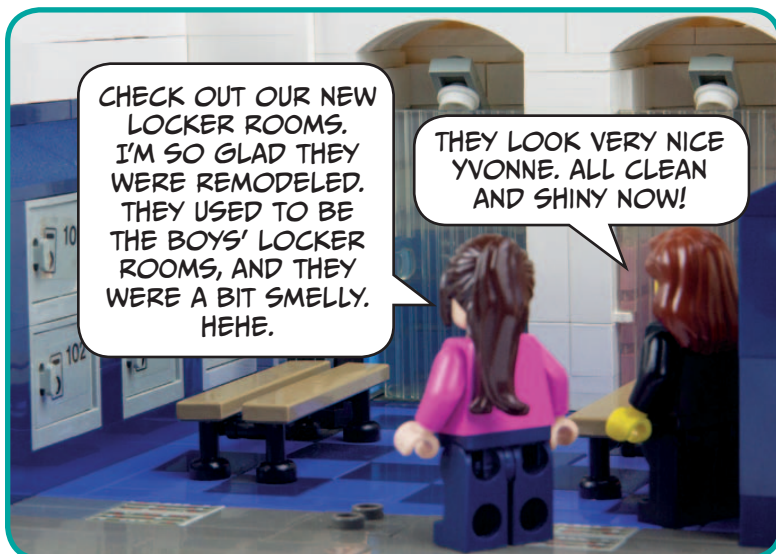
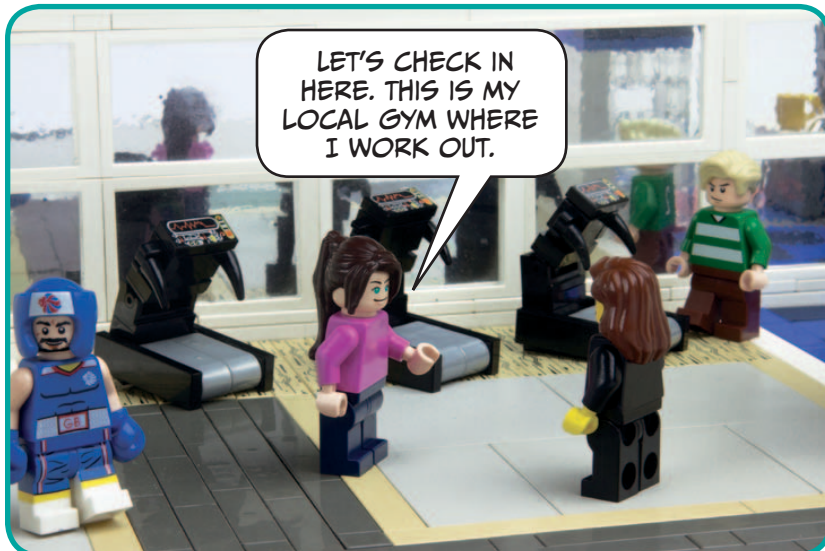
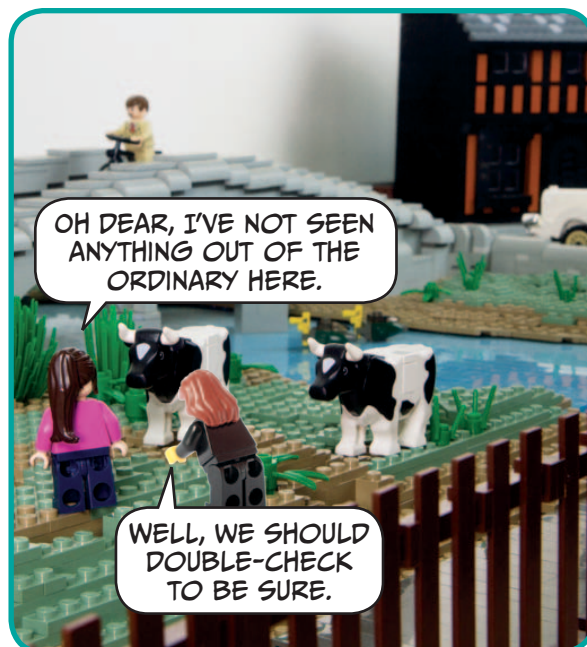
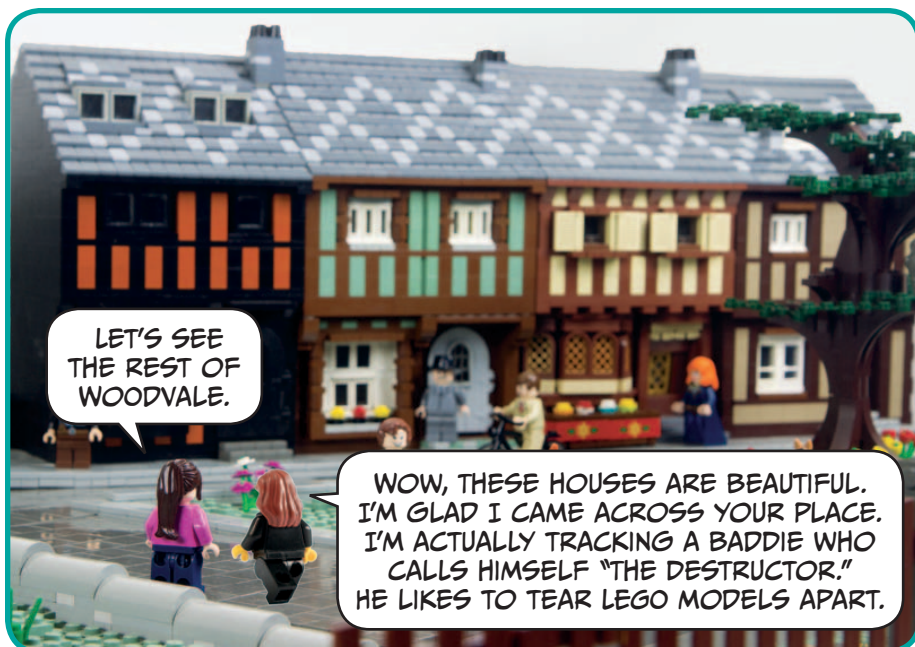


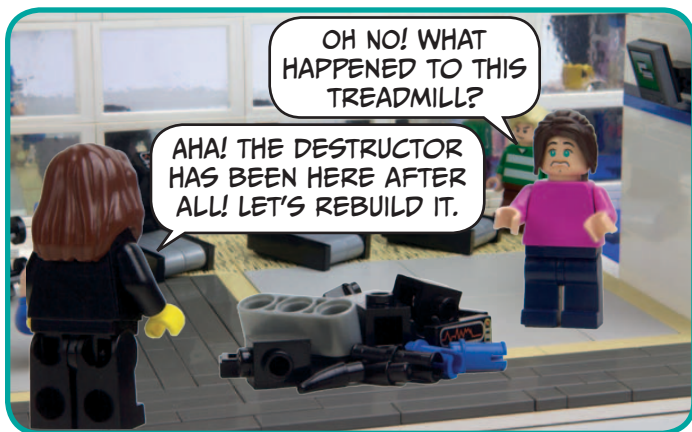
THAT'S RIGHT,
YVONNE, ALL IT
TAKES IS A BIT OF
IMAGINATION!

OH YES, AND A LITTLE
BIT OF PRACTICE. AH,
THERE, THE CUPCAKES
ARE READY. HERE,
TRY ONE.

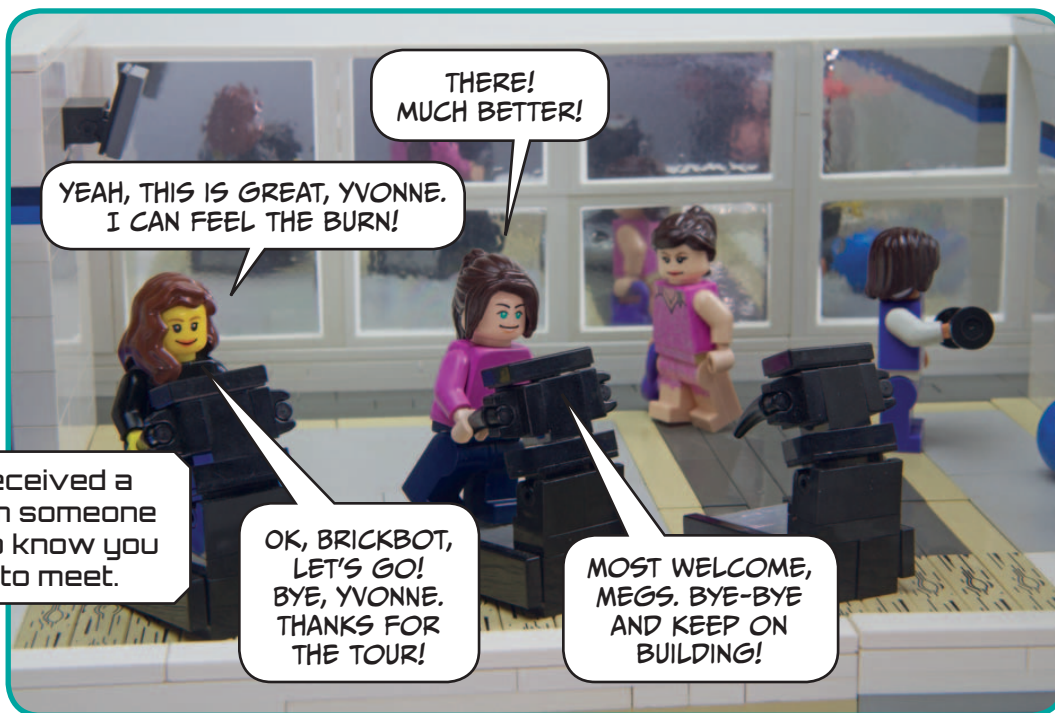
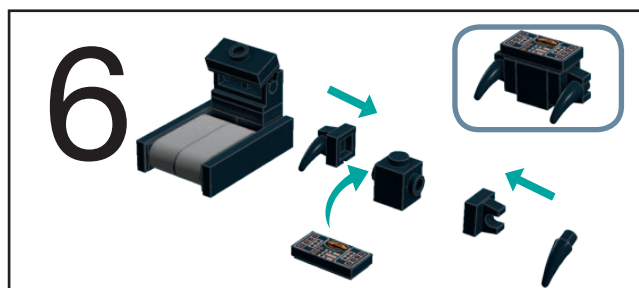
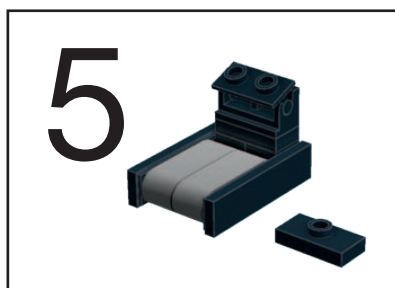
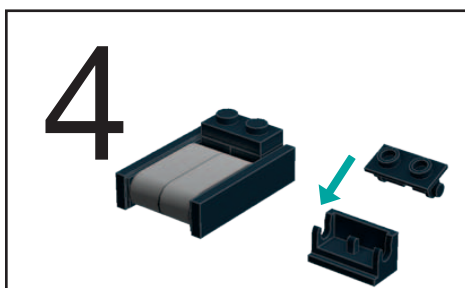
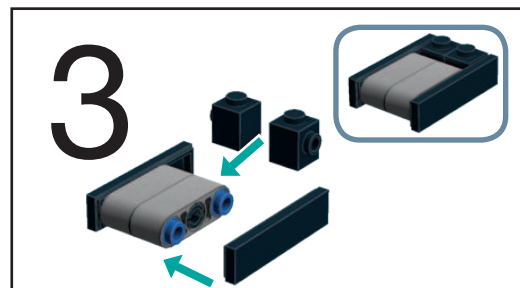
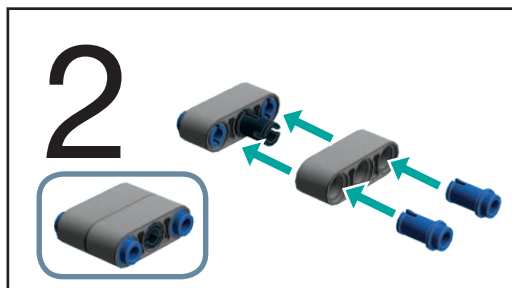
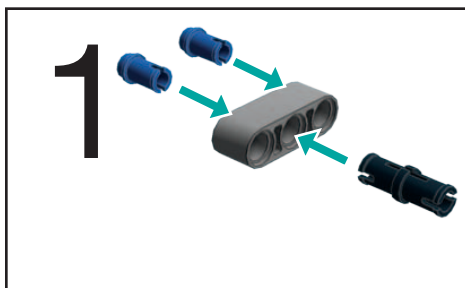
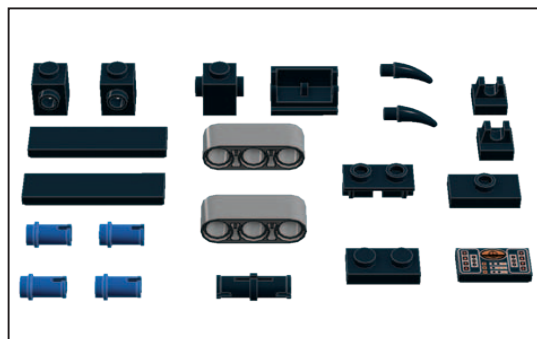


MMM, THESE
ARE FANTASTIC!
THANKS, YVONNE!





Treadmill



Megs, I've received a message from someone who seems to know you and wants to meet.





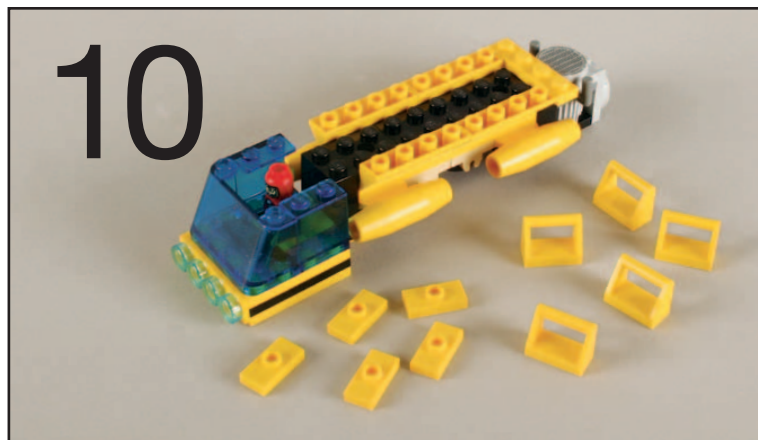
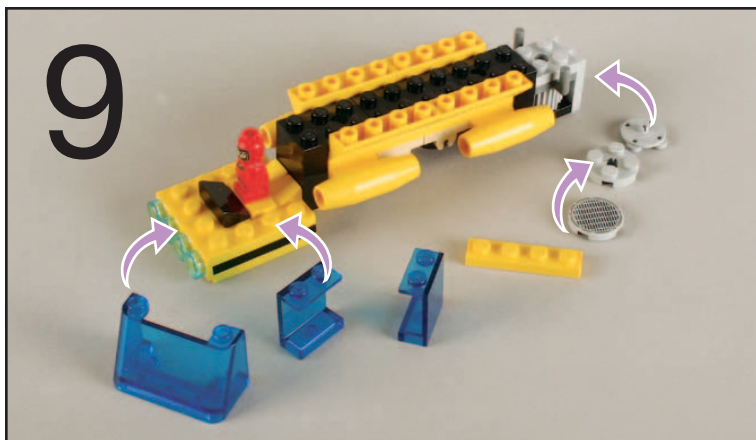
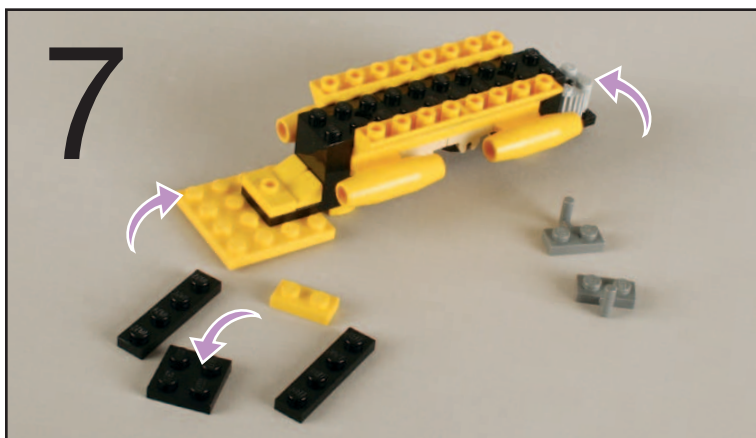
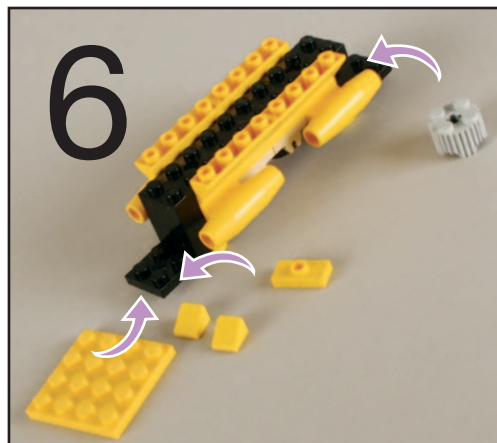
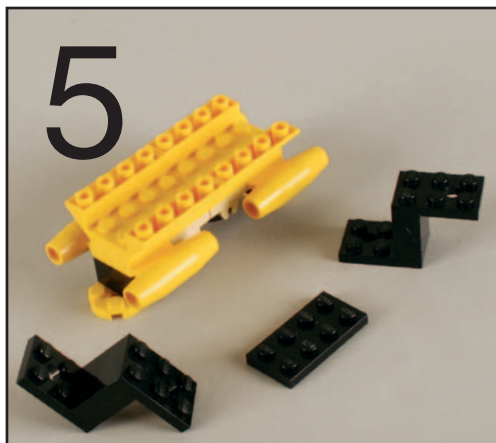
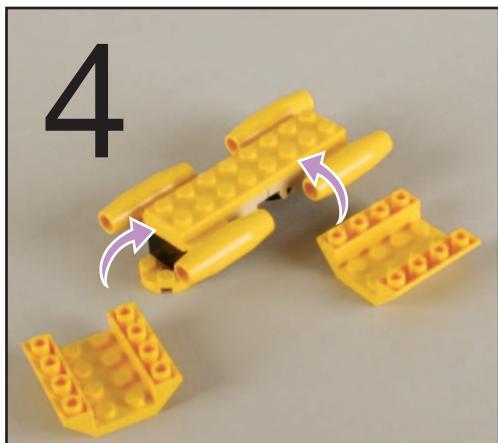
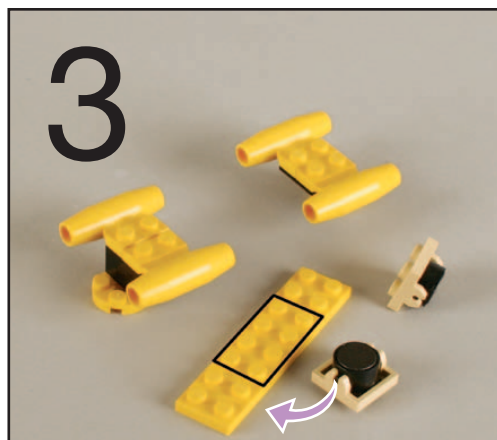
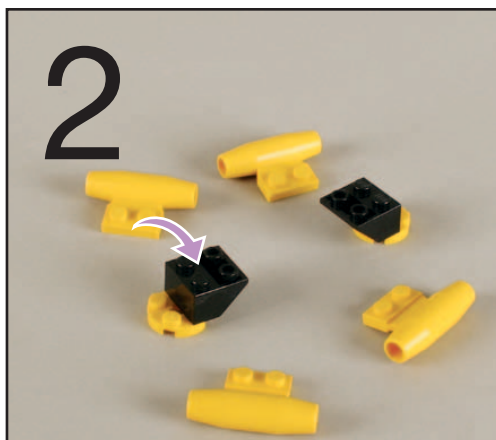
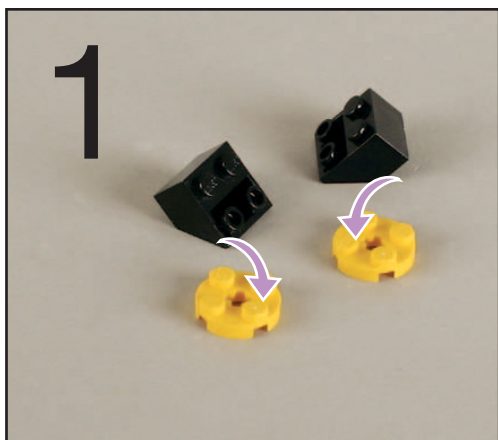
Classroom

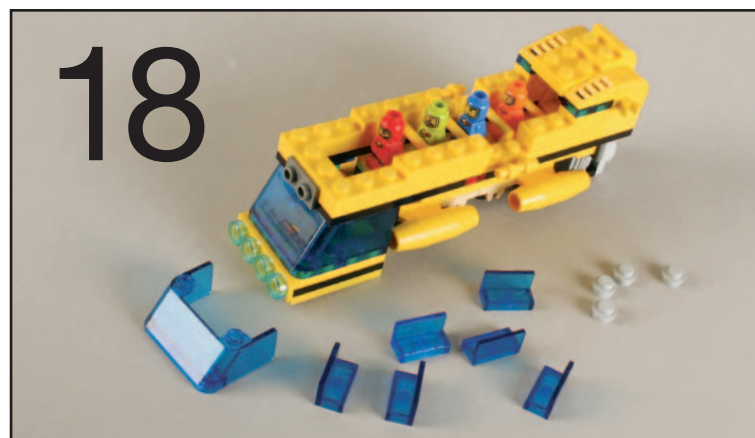
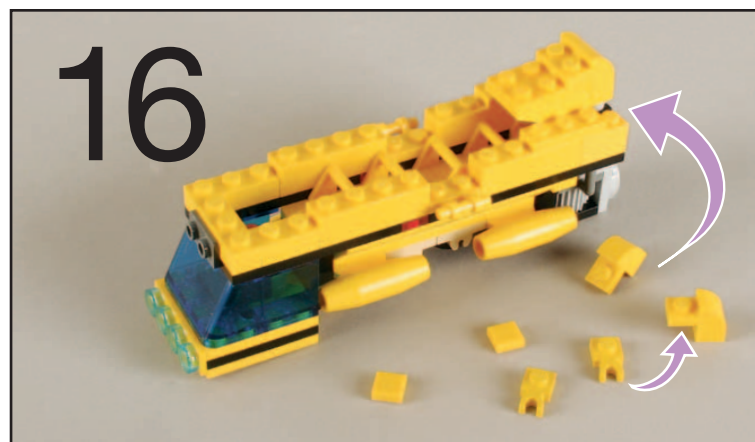
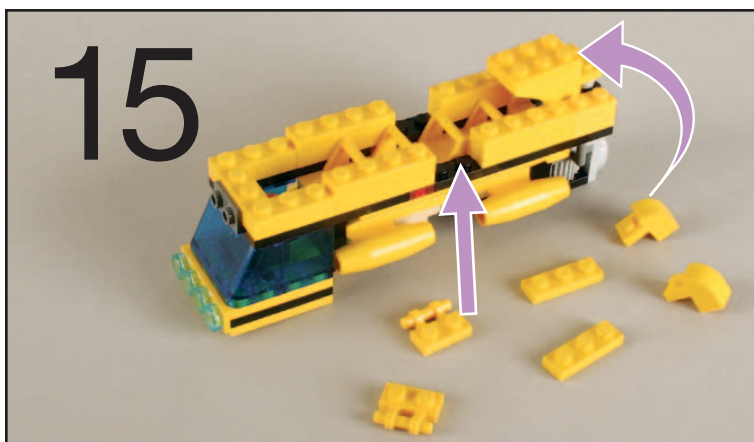
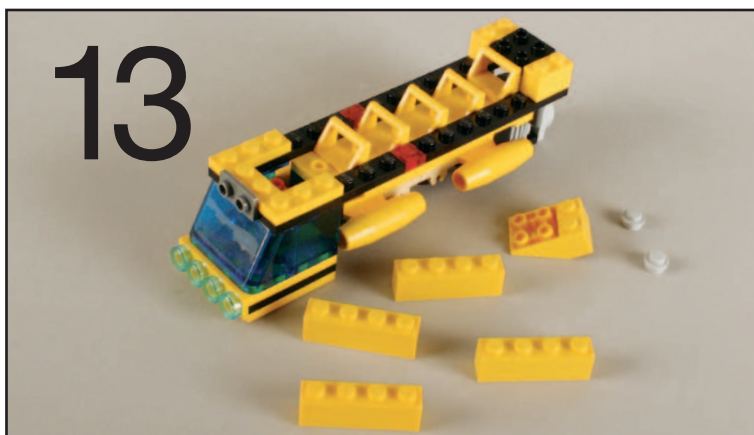
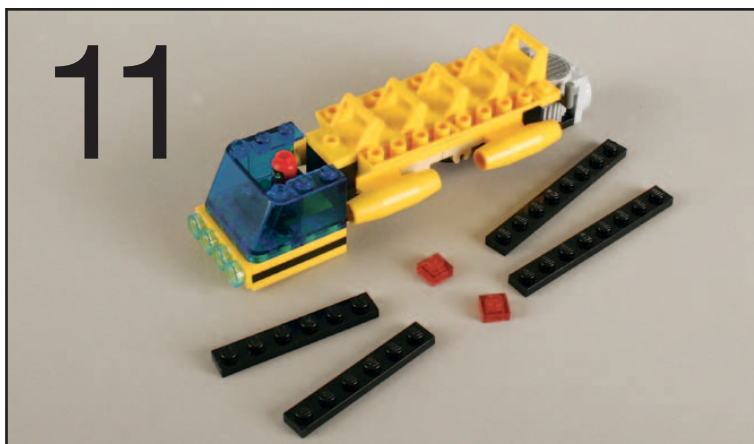


Cooking Lessons









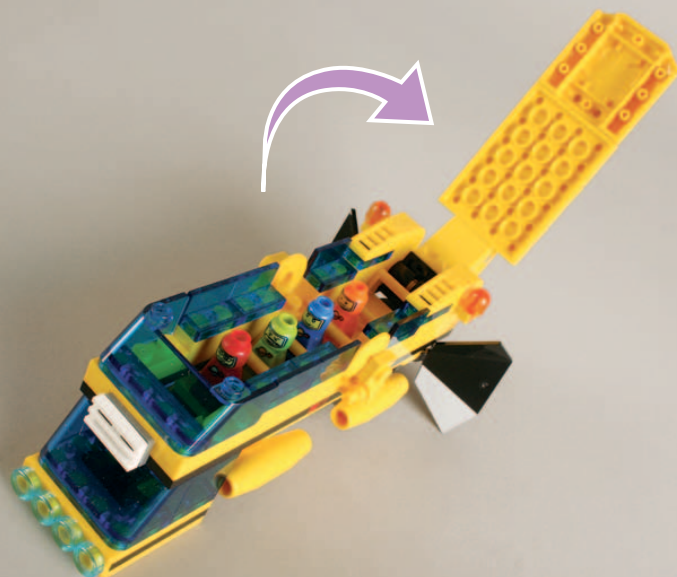
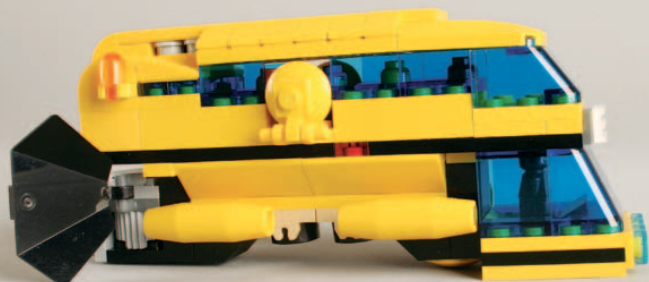
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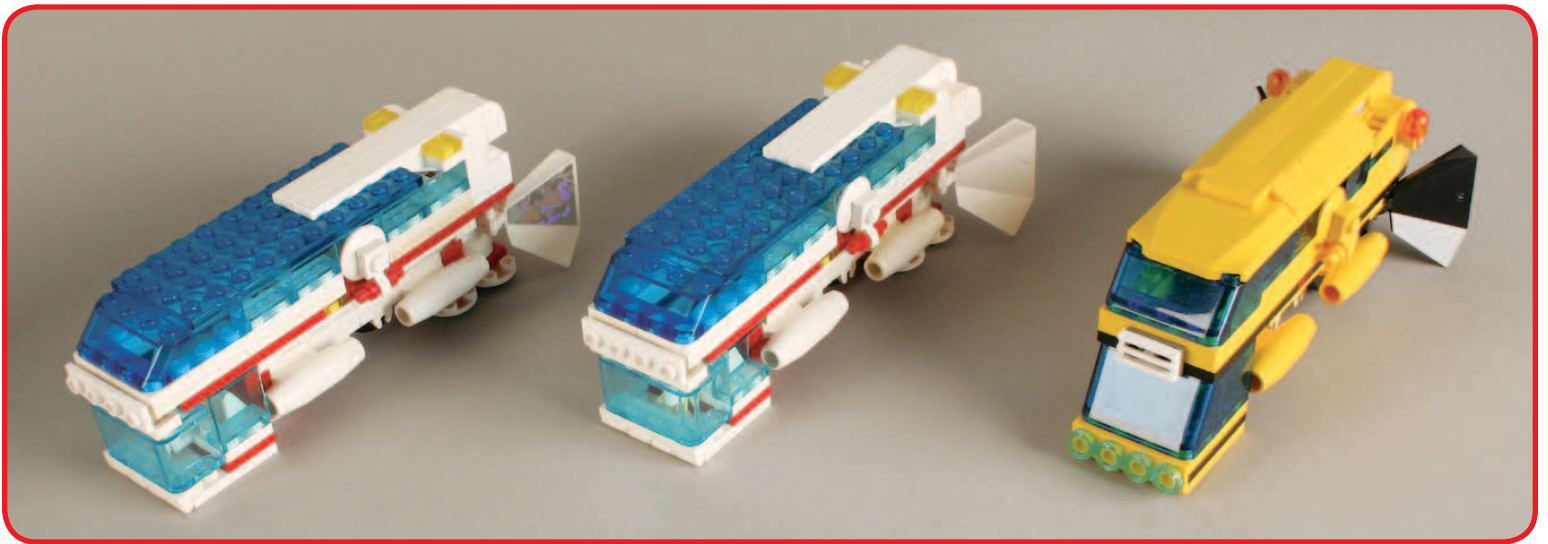


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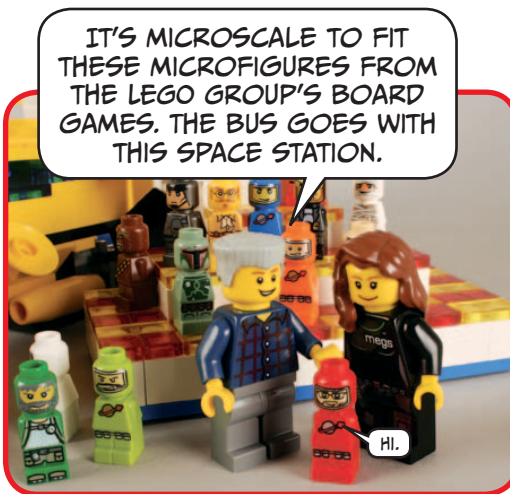
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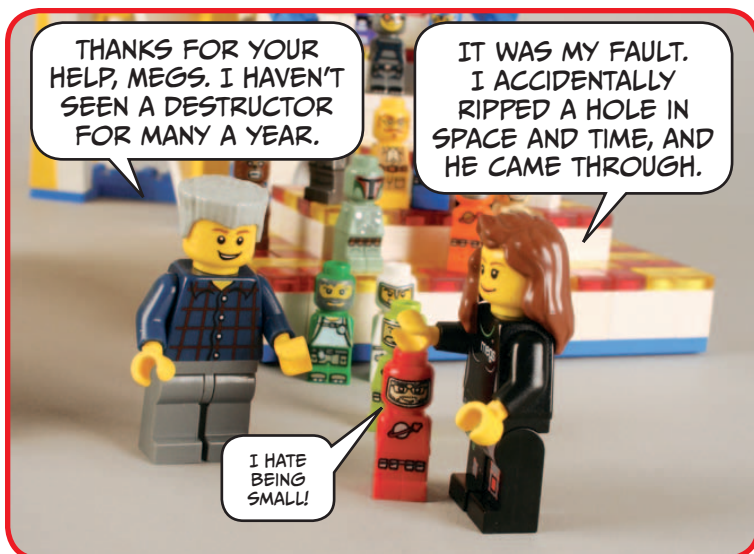


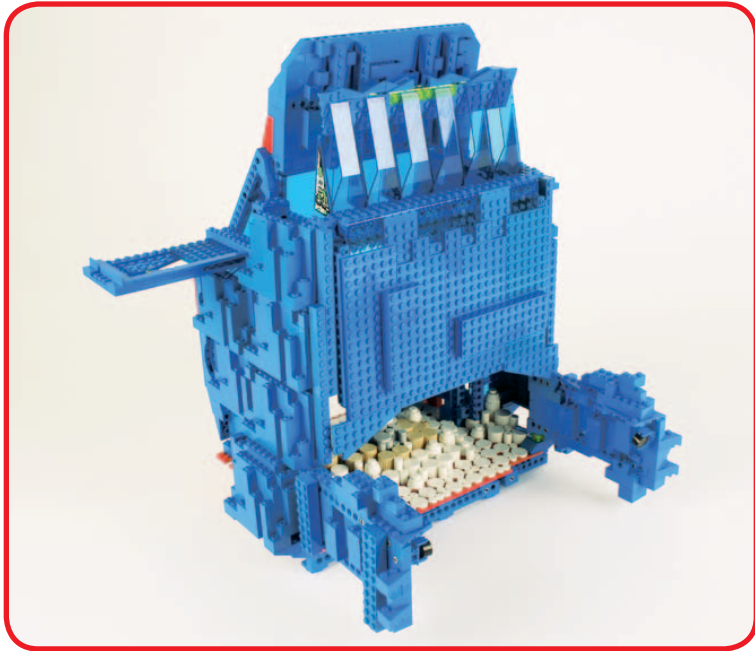
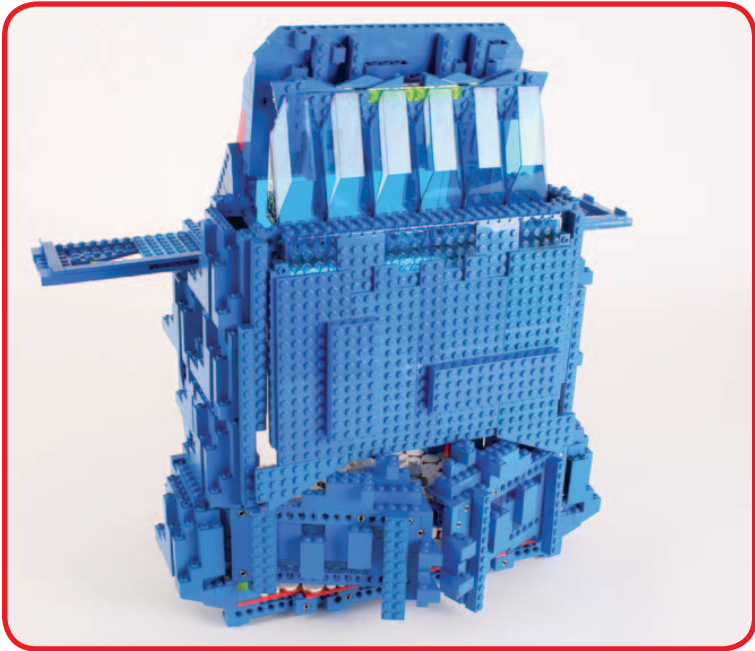
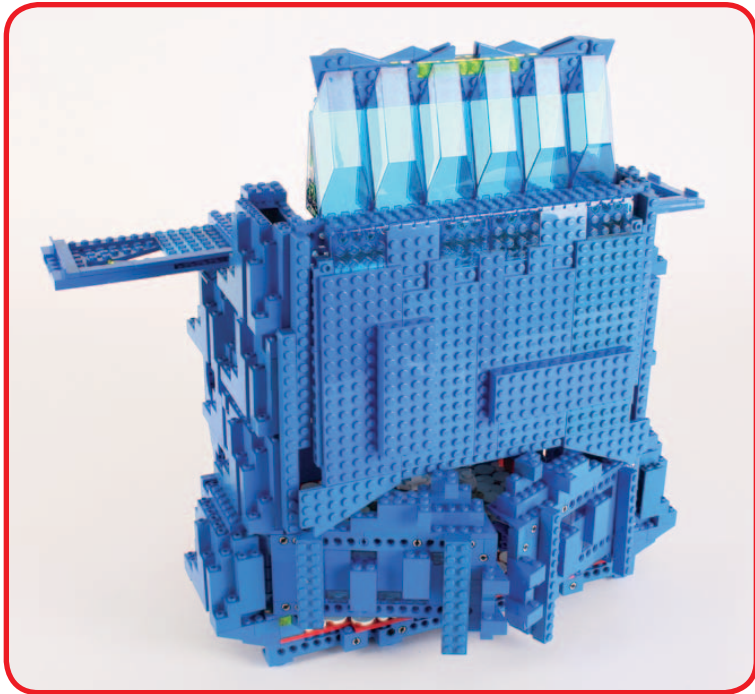
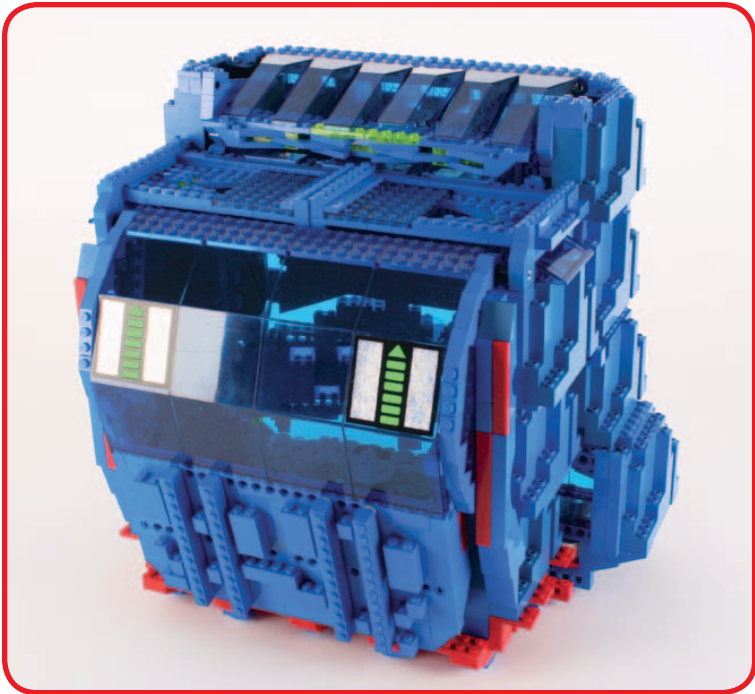


Space Bus Station





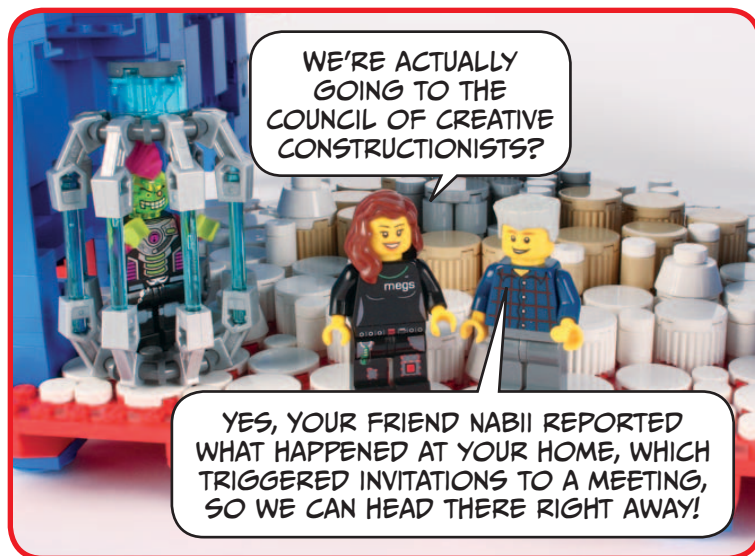
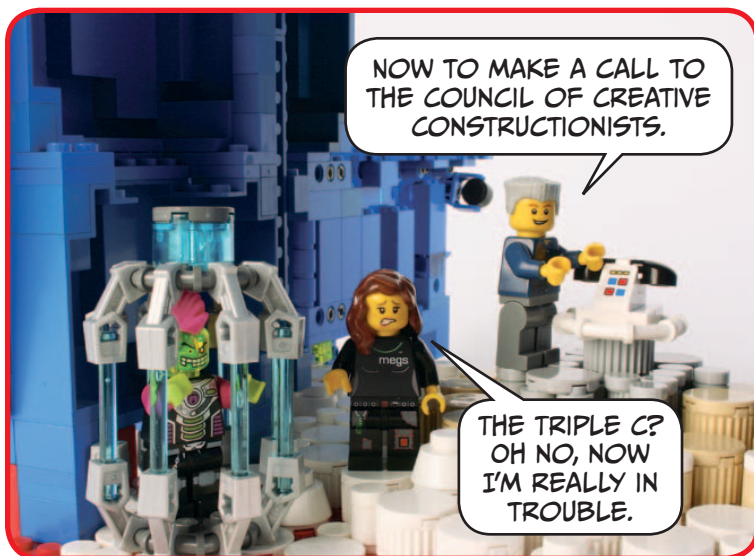
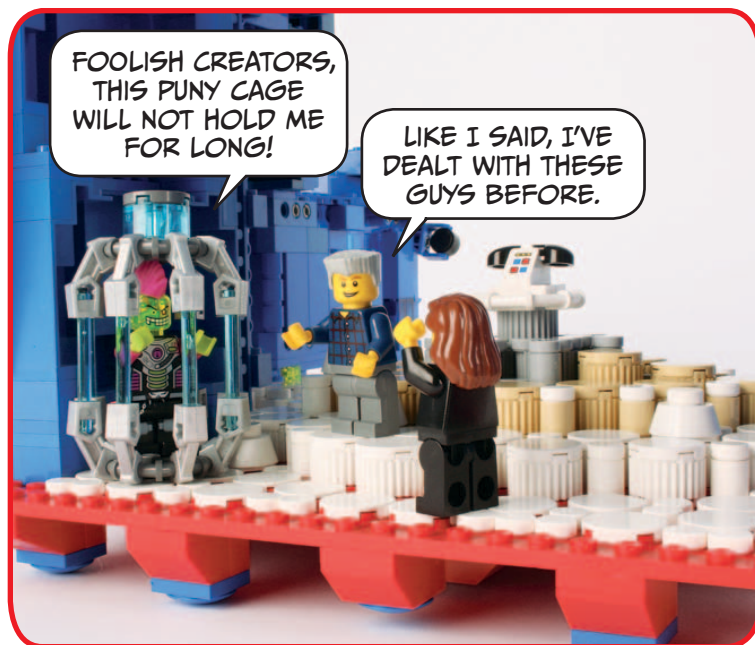
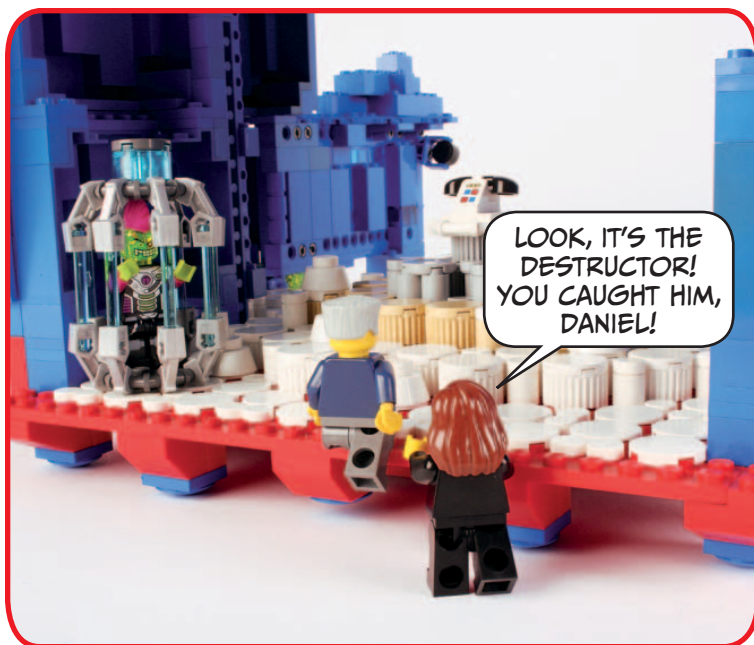


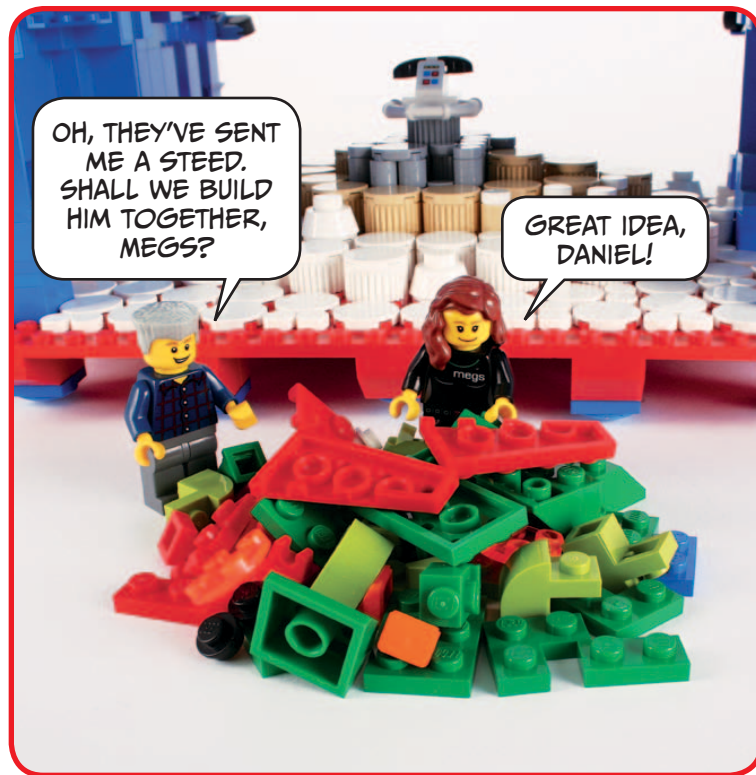


WOW! IT'S SMALLER
ON THE INSIDE. SO
IS THIS A TIME AND
SPACE MACHINE?

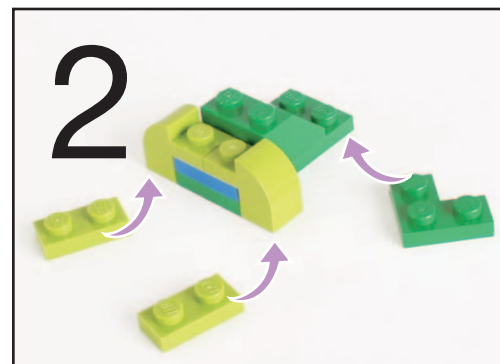
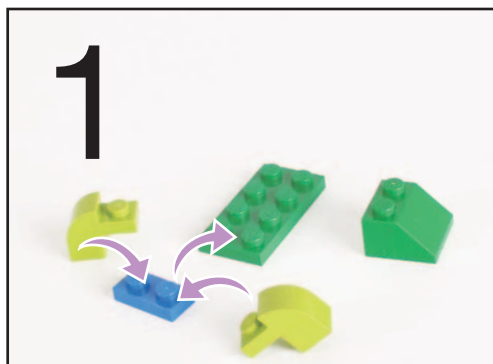
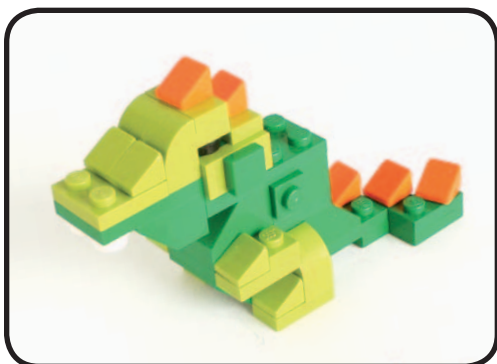
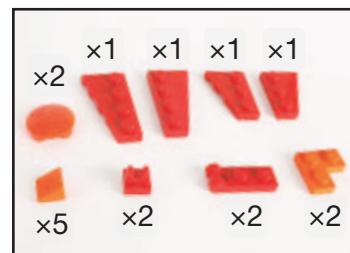
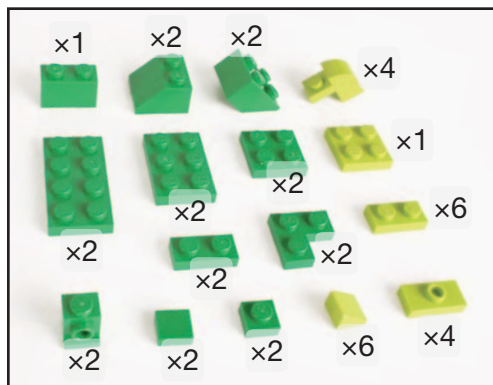
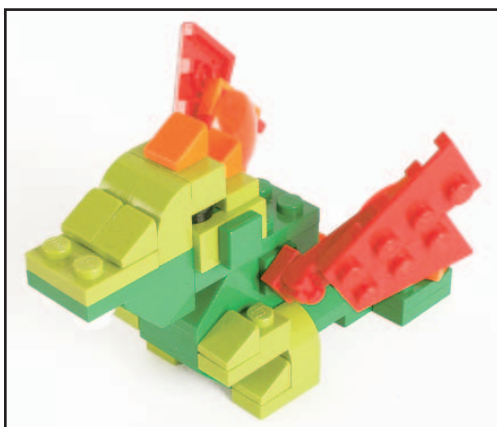
NO, DON'T BE SILLY. IT'S A
TELEPHONE BOX. IT SAVES ME
TIME TO CALL RATHER THAN
TRAVEL THROUGH SPACE.

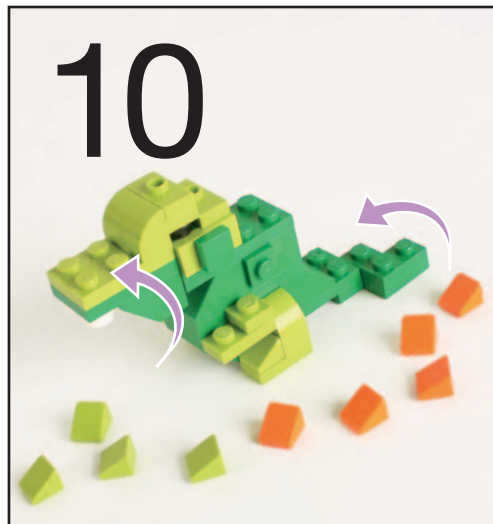
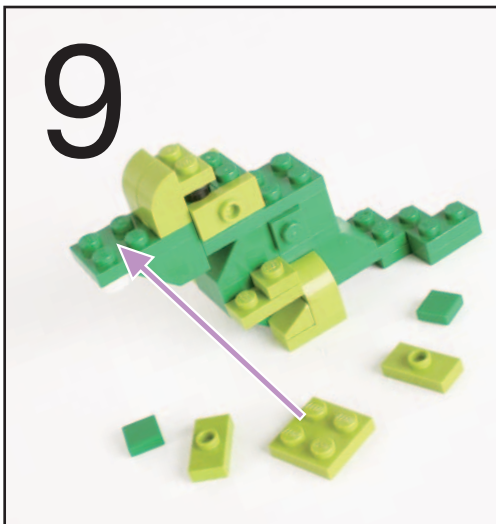
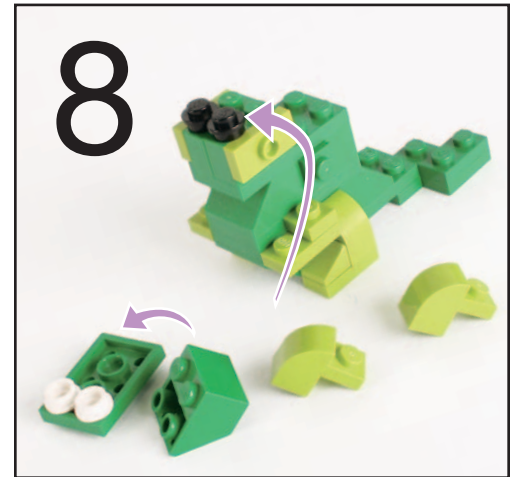
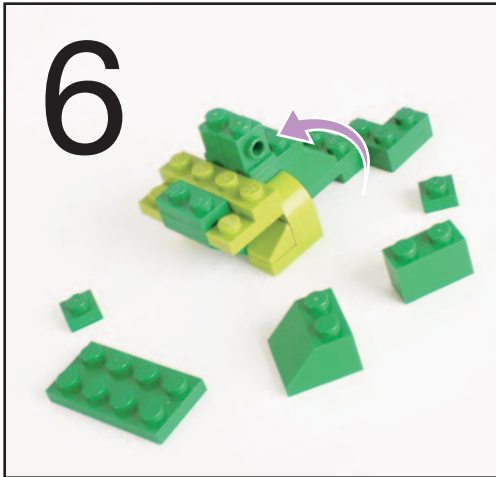
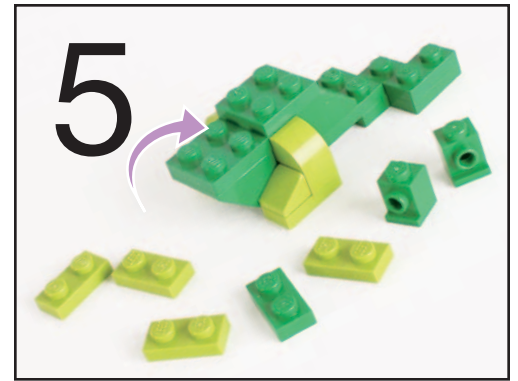
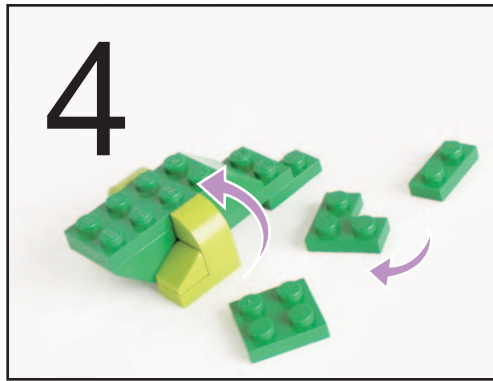
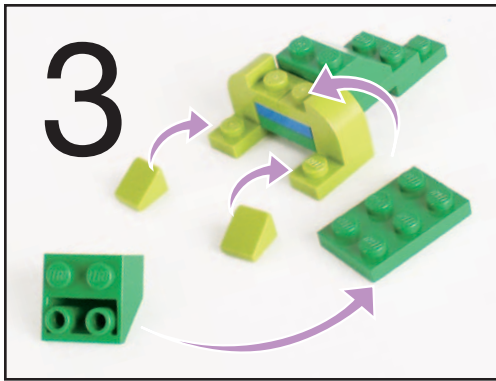




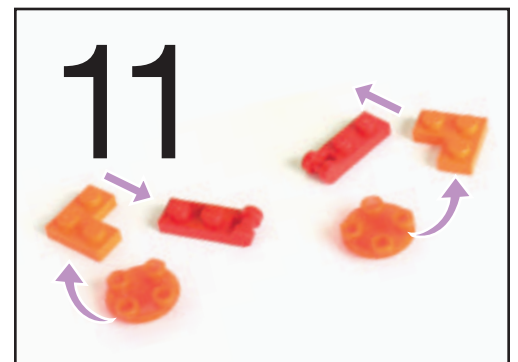
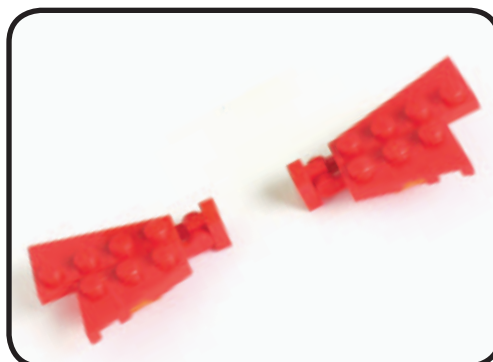


Lucky Dragon

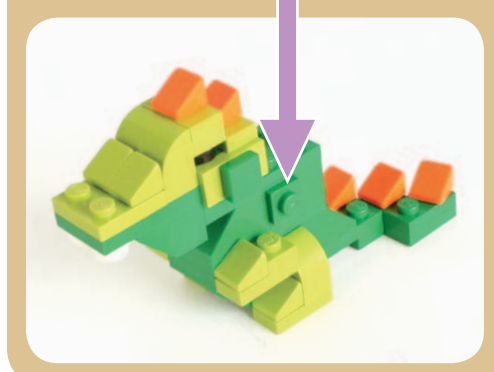
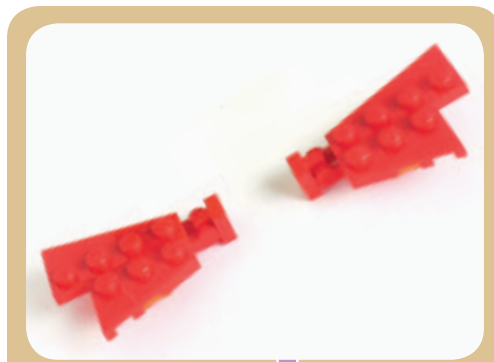
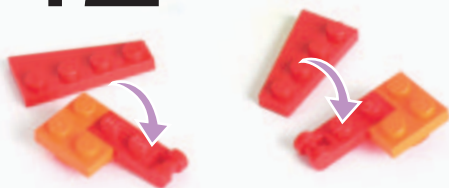




Building Tip
Slopes are good for making scales or the spikes on a dragon's back. Angled plates like these red ones make great wings.

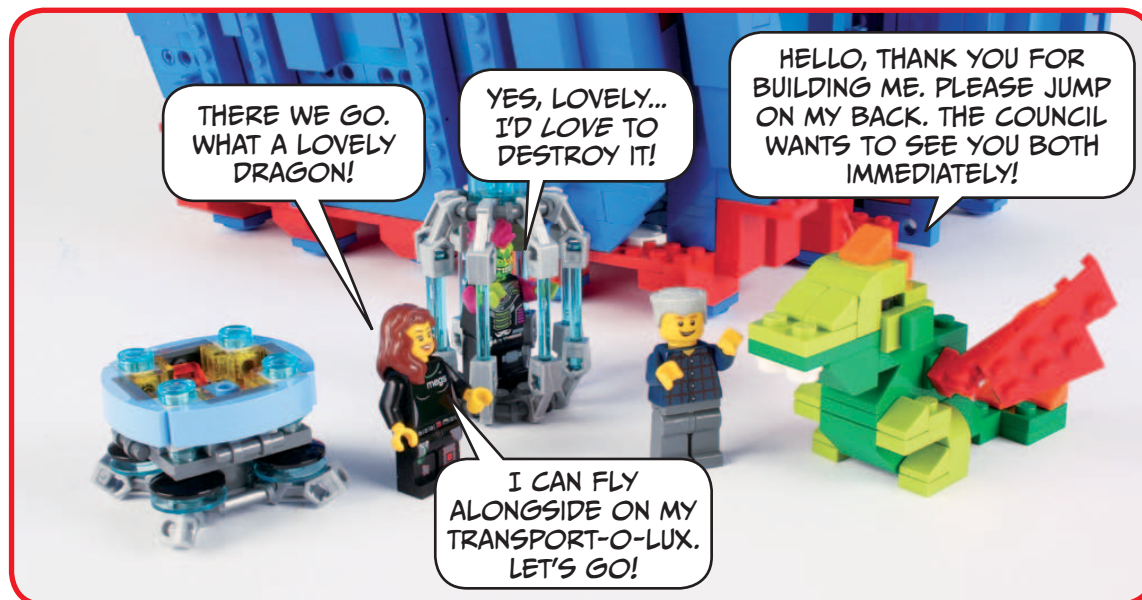


12



Building Tip

Building dragons is fun. Focus on iconic details like head shape, wing size, body mass (skinny or fat), and tail length. This will help to define the character of your dragon. There are thousands of variations you can build.



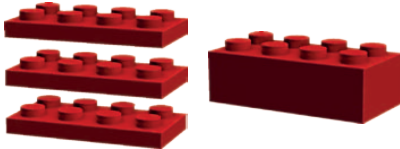


**The adventure
continues...**

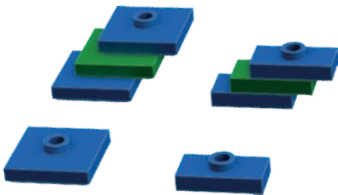
LEGO Building System



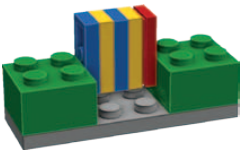
ALL LEGO BRICKS ARE PART OF THE LEGO BUILDING SYSTEM. EVERY PIECE IS DESIGNED TO FIT TOGETHER IN A CONSISTENT AND LOGICAL WAY.



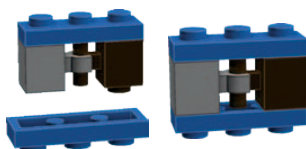
Three LEGO plates are one LEGO brick high.



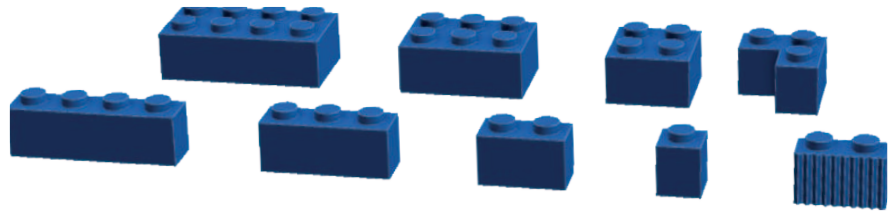
Jumper plates allow you to “jump” one half stud out of the normal system.



Five LEGO plates built sideways have the same width as a brick that is two studs wide.

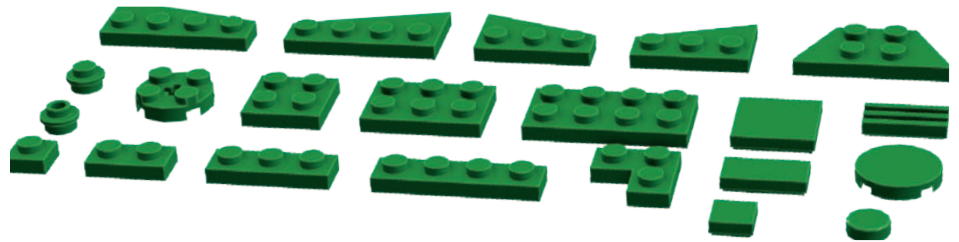


The stud reversal technique lets you build in opposite directions.



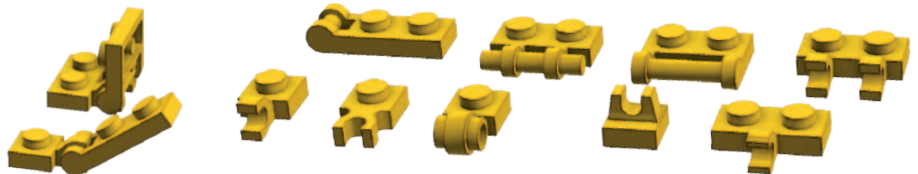
Bricks

Standard LEGO bricks are great for the main structure of a model.



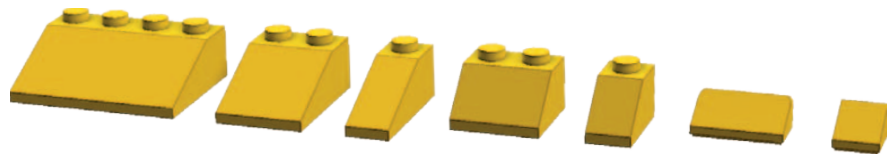
Plates and Tiles

Plates are a good way to give your model detail. Tiles create smooth, stud-free surfaces for a sharp, clean look.



Clips and Bars

Combine clips and bars to create hinges. Hinges allow you to build at any angle on a model.



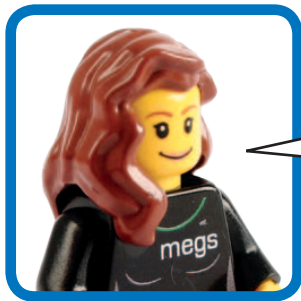
Slopes

Use slopes for making roofs, scales for creatures, and any angled edges.

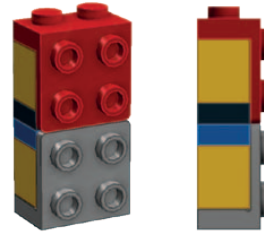


Bows and Arches

Bows and arches add curves and gentle contours to your model.

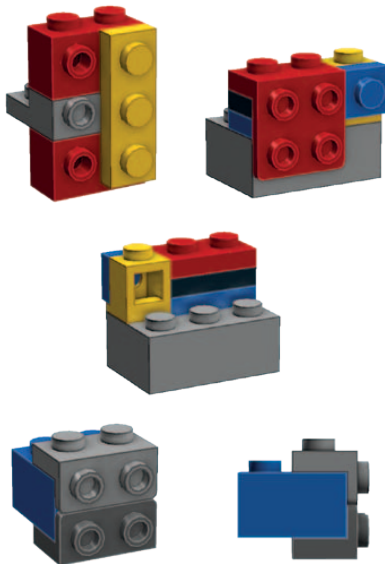


HERE ARE SOME
ADVANCED TECHNIQUES
FOR BUILDING WITH
LEGO PIECES!



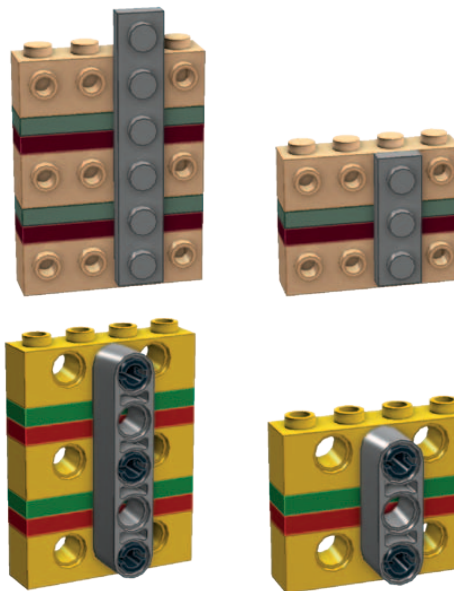
Locking Parts with Brackets

The LEGO System has two kinds of brackets: upward-facing (shown in grey) and downward-facing (red). They can be used to lock parts of your model together.



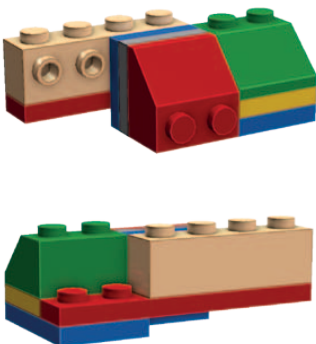
Building with Brackets

Brackets line up with other LEGO pieces to allow for stronger and more complex constructions.



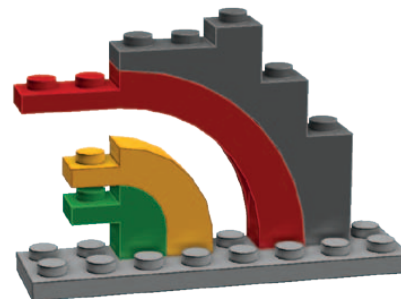
Maintaining the Correct Spacing

Sideways-building bricks (shown in tan) have studs on the top and on the side. Placing two layers of plates between each row of these bricks allows you to keep the correct spacing as you build sideways. This also works for LEGO Technic pieces.



Building with a Slope Transition

This is one way of creating a smooth transition when placing slope bricks at different angles.



Arch Geometry

Several of the bow and arch pieces fit inside each other.

1



**Megan H.
Rothrock**

**Thank you to all the wonderful and
creative featured builders!**

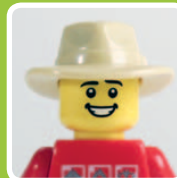
Featured Builders

2



**Mark
Stafford**

7



**Tommy
Williamson**

3



**Are J.
Heiseldal**

8



**Tyler
Clites**

4



**Arjan
Oude
Kotte**

9



**Marco den
Besten**

5



**Barney
Main**

10



**Yvonne
Doyle**

6



**Birgitte
Jonsgard**

11



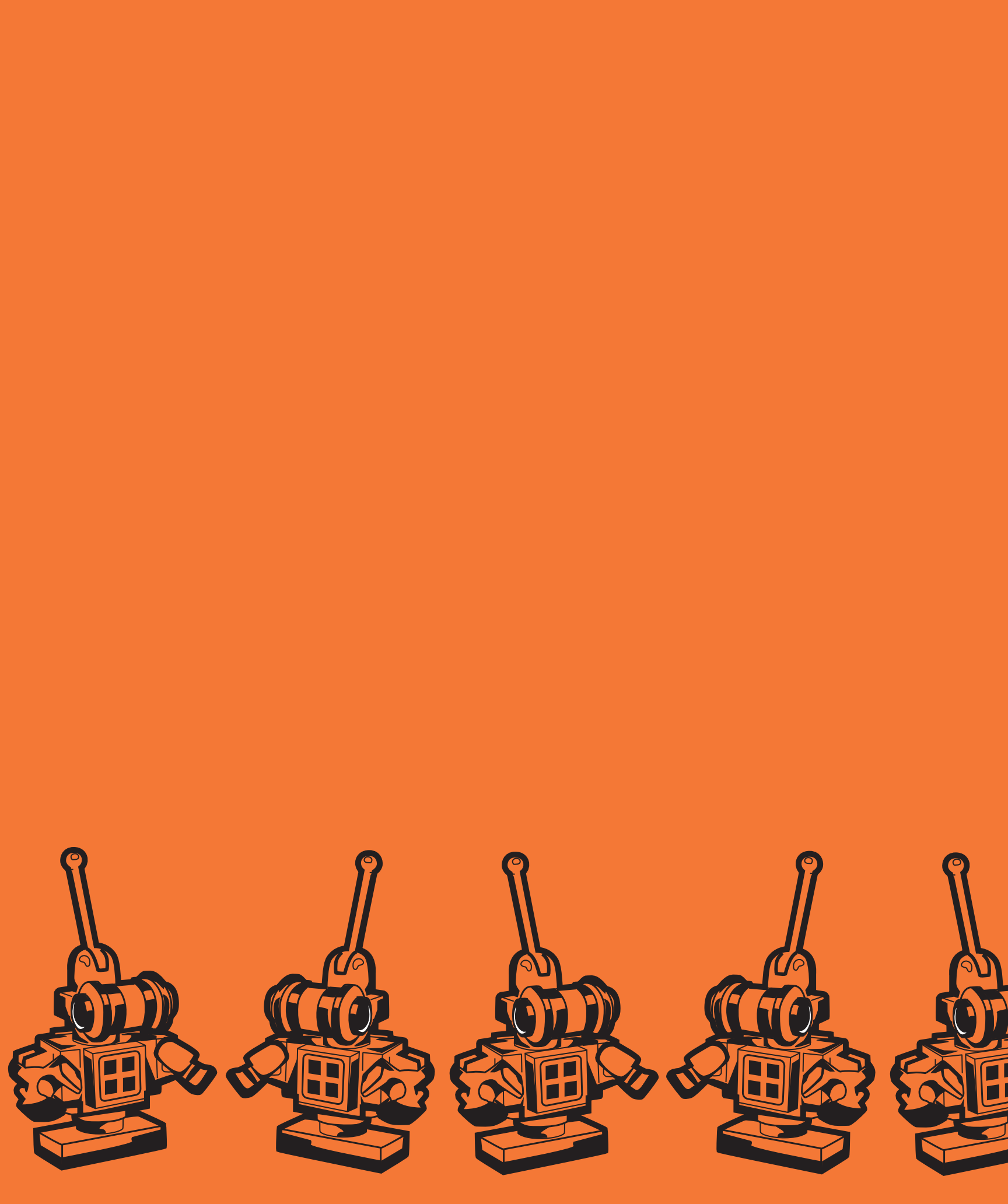
**Daniel
August
Krentz**

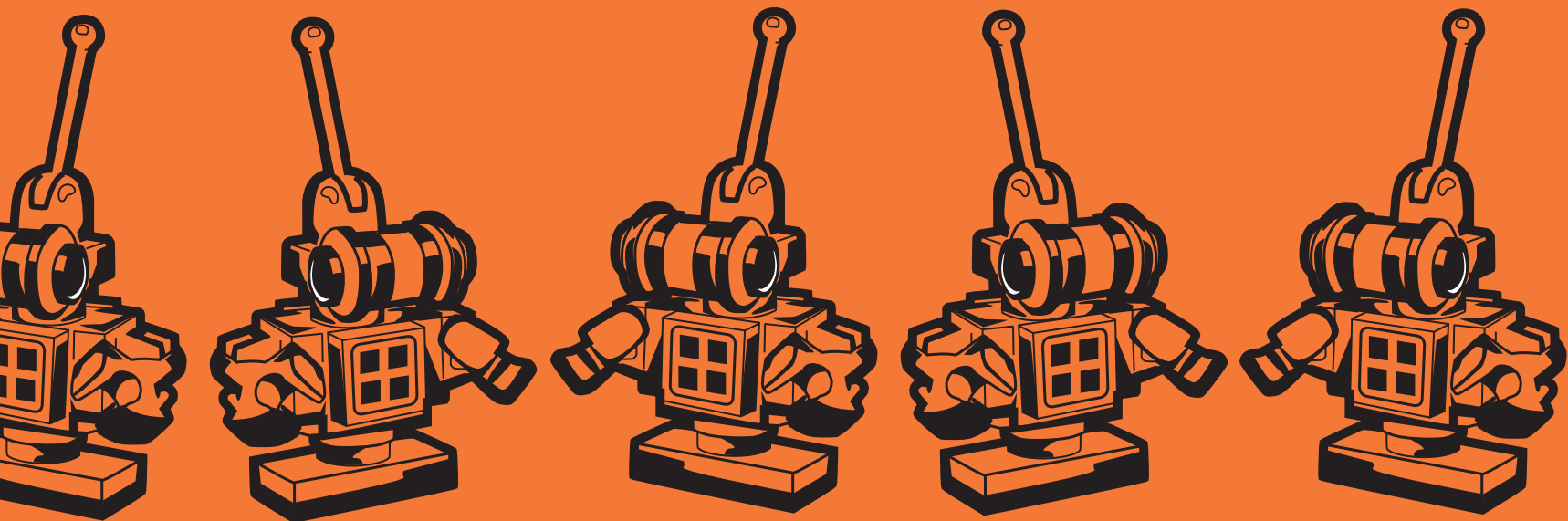
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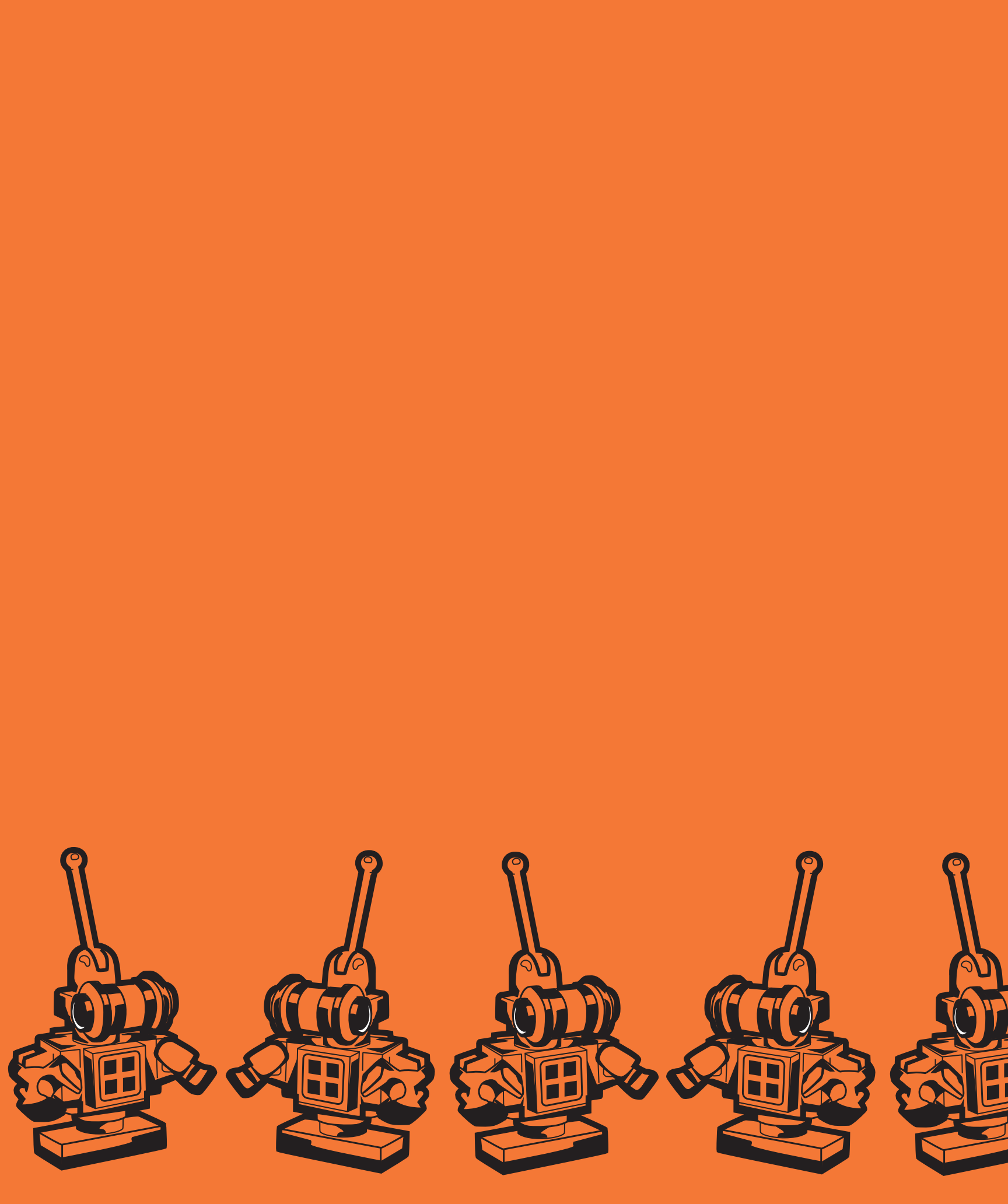
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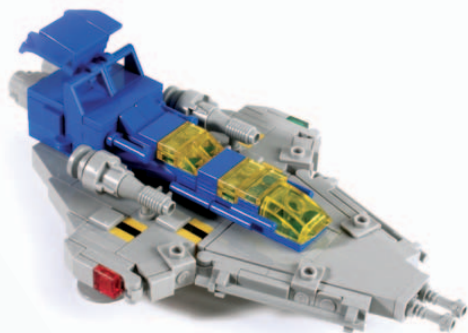






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Join Megs and Brickbot on another exciting tour of LEGO® building in this second volume of *The LEGO Adventure Book* series. As they track the Destructor and rebuild the models he destroys, you'll follow along and meet some of the world's best builders. Learn to create sleek spaceships, exotic pirate hideaways, fire-breathing dragons, fast cars, and much more. With nearly 40 step-by-step breakdowns and 100 example models, *The LEGO Adventure Book* is sure to spark your imagination and keep you building!



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