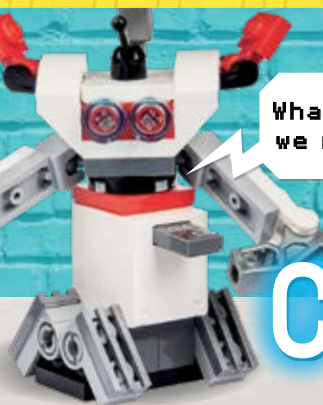




EXPLORER



What shall we make?

Building curious minds

I'M NINA! COME AND BE A BETTER BUILDER WITH MY EXPERT LEGO DESIGNER TIPS!



UNIQUE LEGO® TOY EVERY ISSUE



ISSUE 7 PENGUIN

*NOT INCLUDED WITH THIS SAMPLE

✓ DISCOVER

REAL WORLD FACTS



✓ DESIGN

COOL LEGO EXPERIMENTS



✓ CREATE

QUICK LEGO MODEL IDEAS



GREAT WAYS TO USE YOUR BRICKS



EXPLORER

BUILDING CURIOUS MINDS

LEGO® Explorer is a new magazine series designed to inspire young readers to be **CURIOUS** and **CREATIVE**.

Inside each issue readers will find lots of ways to use their **EXISTING LEGO BRICK COLLECTION** to **EXPLORE** and **DISCOVER** the fascinating worlds of **SCIENCE**, **TECHNOLOGY**, **ENGINEERING**, **ART** and **MATHS**.

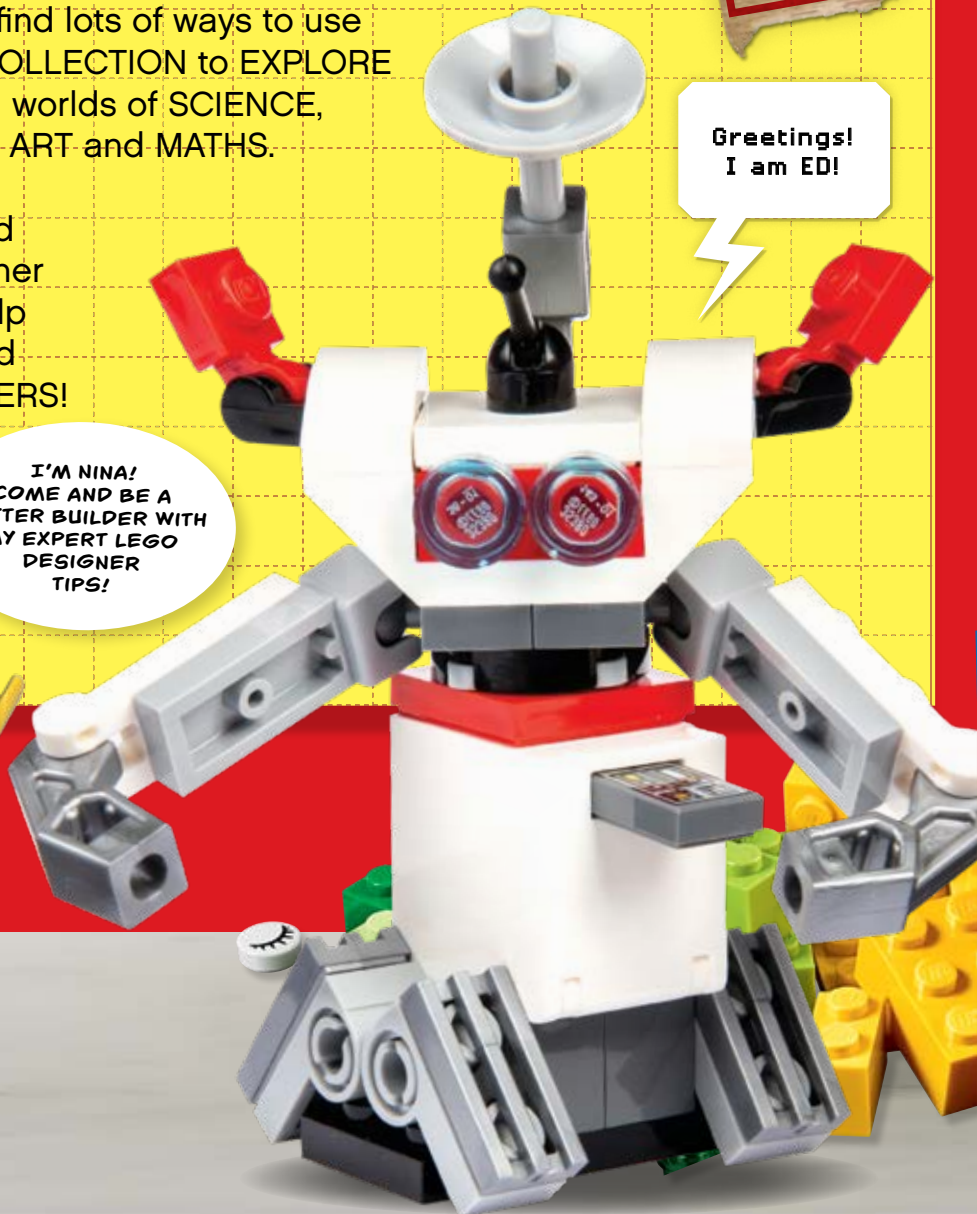
There are also tons of **TIPS** and **INSIDE INFO** from **Nina** and other **REAL LEGO DESIGNERS** to help readers improve their skills and become **BETTER LEGO BUILDERS!**

USE YOUR OWN



Greetings!
I am ED!

I'M NINA!
COME AND BE A
BETTER BUILDER WITH
MY EXPERT LEGO
DESIGNER
TIPS!





#brilliantbuilds

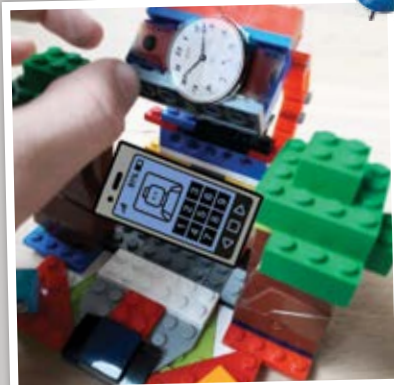
Check out these great creations that we found from the amazing builders using LEGO® Life!



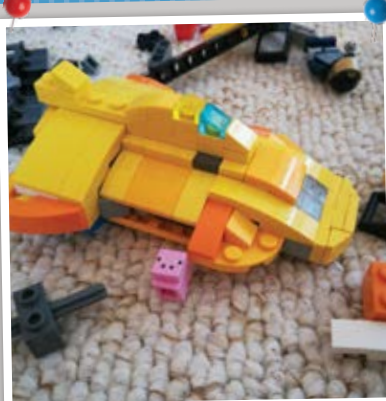
DESIGNERLUCKYENGINEER



EMPERORWALKINGALIEN



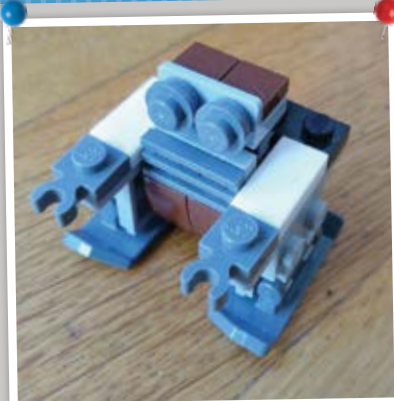
GRÄFINTRENDIGESUPPE



KAPITÄNGEWALTIGERSTUHL



HAPPYARTISTICWAKZ



MODNYKAPITANBENNY

#creatorchallenge

BUILD IT!

Whether you've completed the **LEGO Lab experiment** and created a brilliant bot pal for ED, or if you've **drawn a great design** but haven't built it yet, why not enter **Nina's building challenge** on **LEGO Life**? Check out the app for more details!



Don't have the LEGO Life app yet?



You can download it today for **FREE** from one of the app stores and sign in with your LEGO Account.



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NINA'S

GREAT OCEAN

Making ocean models isn't just about creating amazing creatures - there are all sorts of **vehicles** and **buildings** you can create too!

LIGHTHOUSE

A lighthouse's **LIGHT** needs to be seen **FAR OUT TO SEA**, but it doesn't have to be just a pile of the **SAME BRICKS**! This one uses a mix of **PLATES** and **BRICKS** to make a **COLOURFUL**, **INTERESTING** tower.



INSIDE INFO

"When I research a build I look at examples from **real life** for interesting details. I also take a lot of **photos** when I travel and **sketch details** I like - I enjoy thinking how I could recreate them with **LEGO bricks**."



ANTICA BRACANOV,
LEGO DESIGNER

CRAB

TRANSPARENT elements make great **EYES**. This crab's cool eyes are made from little blue **JEWEL** elements!



OCTOPUS

Each leg of this octopus starts with the same **CURVED** brick! Joining them to a **TURNTABLE** plate means they can be angled to fit neatly next to each other. Tidy!



BUILDS

ORCA

Real ORCA's have a SMOOTH, CURVED BODY to help them slip through the WATER. Look how lots of CURVED BRICKS have been used to make the body and tail on this model.

REMOTE-CONTROLLED

SUBMARINE

Elements like PINS and BRICKS WITH HOLES can really help build SIDEWAYS when you don't have much space. Check out the LIGHTS and CLAW on this submarine!



WHY DO I SUDDENLY FEEL LIKE BAIT?

FUNKY FISH

The ocean is full of WEIRD creatures, like this ANGLER FISH. Try making up a CRAZY-LOOKING fish of your own. How many EYES will it have? Will it have snappy TEETH? It's up to you!

I'VE GOT MY EYES ON YOU...

ERR, MAYBE WE SHOULD FIND SOMEWHERE ELSE TO GO RAFTING?





LEGO LAB

Use your own LEGO collection to experiment and design a better medieval catapult!



How good a shot are you?
Can you use your free
CATAPULT model to HIT THE
SHIELD on the castle?

STEP 1

ED IS LEARNING ABOUT CASTLES.



Target
in sight!
Prepare
for launch!



POWER INCREASE

ED has an idea. He wonders **how far away** he can move the catapult and **still hit** the castle. Time for a **redesign**!

> HOW CAN YOU
MAKE A CATAPULT
FIRE FURTHER?



Making a catapult with
a LONGER ARM will give
your shots more power.

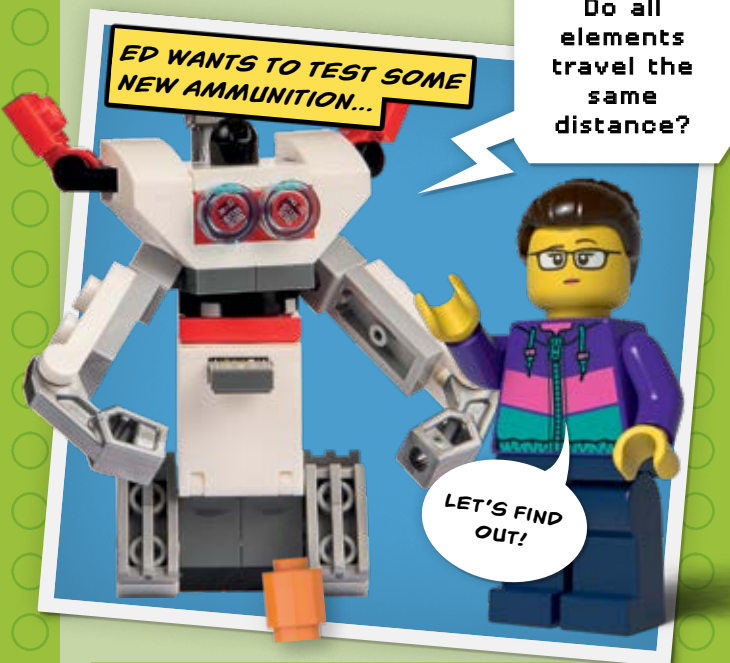


Try using long plates like this.
What other elements could you use?

NOW FIRE YOUR
CATAPULT FROM ON
TOP OF SOME BOOKS.
WHAT HAPPENS?



STEP 2

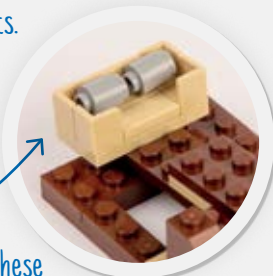


GOING THE DISTANCE

Real catapults could fire **lots of different things**. Let's upgrade ED's catapult and see what different things we can launch.

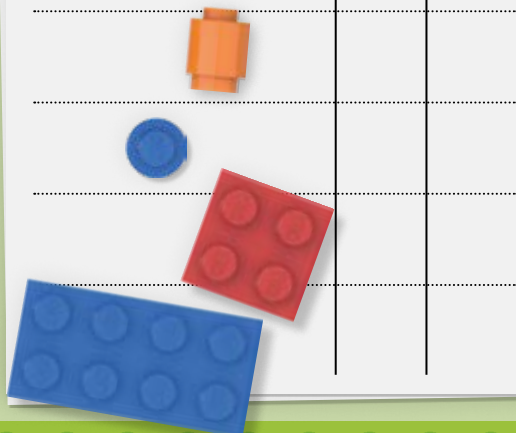
First we need to make the cup on the arm **LARGER**, so it can hold different elements.

Nina used a 2x4 plate and some panels.



HOW FAR can you fire these elements? Can you launch MORE THAN ONE at a time?

HOW FAR? HOW MANY?



STEP 3



MOBILE MACHINE

Soldiers in castles also had catapults and **fired back**. How can we change ED's build so it can **easily be moved to safety**?

> TRY ADDING SOME WHEELS

What elements will you use? Round plates or even round bricks could work...



How can you make the wheels look like they are made from wood?

How can we join the wheels to the catapult so they can turn?



There are lots of elements with holes and different pins or rods you could try. What will you use?

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LEGO

COOL LEGO® OCTOPUS!

EXPLORER



ISSUE 2

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ADVENTURE

EXPERT BUILDING TIPS INSIDE!



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HOW OCEAN
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