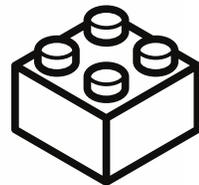
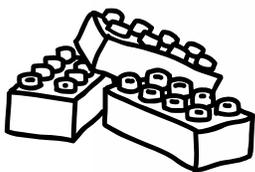


A Limb

Made of Lego

A Video Based Lesson



GREAT BIG STORY

Students learn how David made his own leg from lego blocks.

1. Pre, during, post watching activities
2. Lego building challenge activities
3. Video Transcript.
4. Answer key.

A Limb Made Of Lego



Instructions: Watch a short video about building with Lego. Finish the activities.

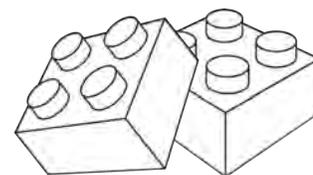
A. Before You Watch: Complete the sentences. Share with classmates.

1. People with physical disabilities _____.
2. I want to invent _____ to help people.
3. I think Lego is _____.

B. While You Watch: Finish the sentences.

1. When David was born his right arm hadn't fully _____.
2. Growing up David was _____ with Lego.
3. The MK2 is an _____ on the first model.
4. After building the arm, everyone said, "You're _____."

C. After You Watch:



 **Answer & Discuss:**

1. What have you built with Lego? What would you like to build with Lego?
2. What do you think David will do when he grows up and gets a job?
3. What personal qualities do inventors have? Can you name some famous inventors? What did they invent?

A Limb Made Of Lego



Instructions: Watch a short video about building with Lego. Finish the activities.

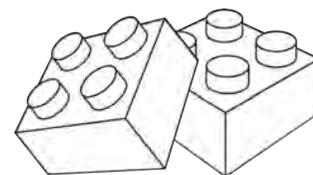
A. Before You Watch: Complete the sentences. Share with classmates.

1. People with physical disabilities _____.
2. I want to invent _____ to help people.
3. I think Lego is _____.

B. While You Watch: Finish the sentences.

1. When David was born his right arm hadn't fully _____ developed _____.
2. Growing up David was _____ obsessed _____ with Lego.
3. The MK2 is an _____ upgrade _____ on the first model.
4. After building the arm, everyone said, "You're _____ smart _____."

C. After You Watch:



 **Answer & Discuss:**

1. What have you built with Lego? What would you like to build with Lego?
2. What do you think David will do when he grows up and gets a job?
3. What personal qualities do inventors have? Can you name some famous inventors? What did they invent?

Name _____



BUILDING CHALLENGE

Pick a task card. Design a plan below and then build it! When you're finished, describe your process.

BEFORE

What are you building?

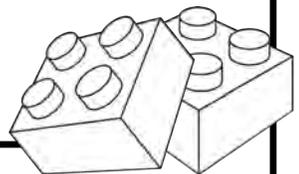
Draw your design:

What supplies do you need?

AFTER

What worked well?

What did not work well? How did you fix it?

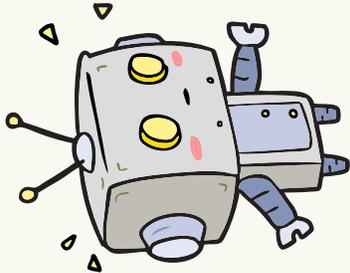


Can You Build



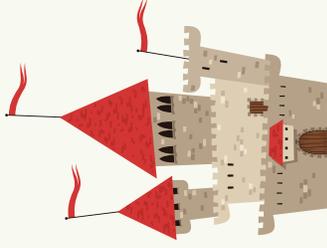
a bridge

Can You Build



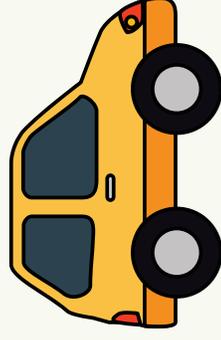
a robot

Can You Build



a castle

Can You Build



a car

Can You Build



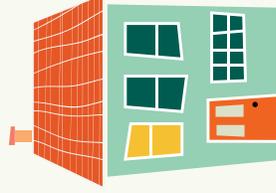
a plane

Can You Build



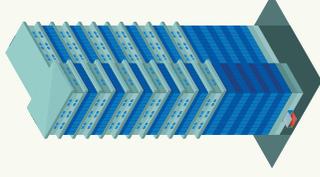
a ship

Can You Build



a house

Can You Build



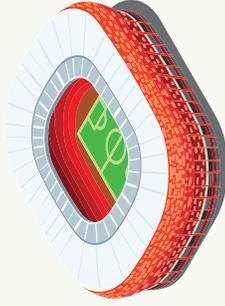
a skyscraper

Can You Build



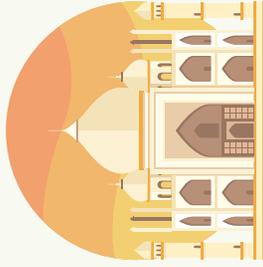
a pyramid

Can You Build



a stadium

Can You Build



Taj Mahal

Can You Build



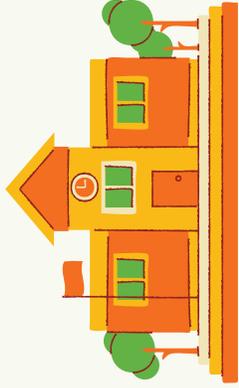
a motorbike

Can You Build



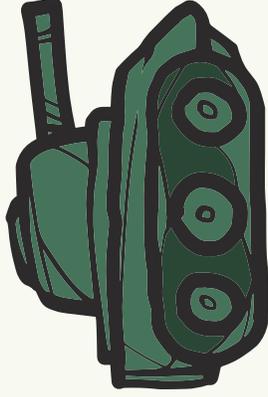
Eiffel Tower

Can You Build



a school

Can You Build



a tank

Can You Build



tree house

[David] When I was a kid, I always played with Lego. I built cars, planes, motorbikes. But now, I built an arm.

Meet David Aguilar.

My name is David Aguilar. I am from Andorra and I'm 18 years old.

[Narrator] When David was born, his right arm hadn't fully developed.

[David] This is my right arm. Growing up it was quite annoying because I received a lot of comments like, "Oh, you don't have a hand" or something like that.

[Narrator] And while some would see this as a disadvantage, David is just a regular kid. He likes EDM. He goes by the name, Hand Solo. Get it? He has an embarrassing dad. He goes to school. And, he can open doors with his Lego arm. So cool. Growing up, he was obsessed with Lego. So much so, he wanted to make it a part of him, literally.

[David] I built my first prosthetic arm when I was 9 years old. And I built it around my hand. It started off as being a boat.

[Narrator] Unfortunately, the Lego bricks weren't strong enough and it wasn't for another nine years 'til he would try again.

[David] This is MK1. This is Lego Technic. It's like a sophisticated part of Lego. I can do push-ups with this thing so it is quite strong. When I first built the arm it was fully functional, I went to the mirror and I was like, "Argh".

[Narrator] That model, the MK1, only took five days to build, of course, like any good inventor, he got straight to work on an upgrade.

[David] This is the MK2. It has a battery that works like a bicep and it has this fishing cable that ties up in here. When I fix this to my shoulder I can do this and the arm closes. I can stop in the middle and move it by myself. When I first brought this, they were all really amazed because how can someone create an arm made out of Lego. I was a normal guy and when I built the arm everyone was like, "You're awesome. You're really smart." They told me they are really proud to be my friend. It's amazing.



MY VIDEO REPORT



A Great Big Story

IT'S ABOUT:

3 FACTS:

INTERESTING

QUESTIONS?

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