## RONSTONE BF' PGE PROJECT



Bridges are amazing structures – think where we would be without them! There are thousands of different types of bridges all over the world from a simple plank over a stream to our historic Transporter Bridge over the River Tees.



We are issuing you with a **CHALLENGE** to build your own bridge at home. It could be inside or outside if you have a garden or yard and it can be made from anything you have lying around. BUT – please ask an adult first; don't go using your family's last packet of spaghetti!

Watch this video our project engineer, Paula, has made which tells you all about the challenge. <u>https://www.youtube.com/watch?v=QK6n\_EUJWZk&feature=youtu.be</u>



BRIDGE AT HOME

Paula, Engineer

So the challenge is to build a bridge – here are a few ideas but I bet you can come up with much better ones.

Build a bridge across a sink or bath for your toy vehicles to cross – make sure they don't fall in!

Find a way to bet across a garden path without touching it – make sure you leave space underneath though!

Find a way to get your lego people from one chair to another without falling to the floor.

## **REMEMBER THOUGH!**

- ✓ Stay safe don't climb onto a homemade bridge unless an adult says it is safe.
- ✓ Ask first before using anything from home to build your bridge.
- Only use tools if an adult says it is ok and is supervising you.

Don't forget - take a picture of your bridge and post it to your school's website or twitter. We would love to see any drawings, designs or



independent work on bridges.



