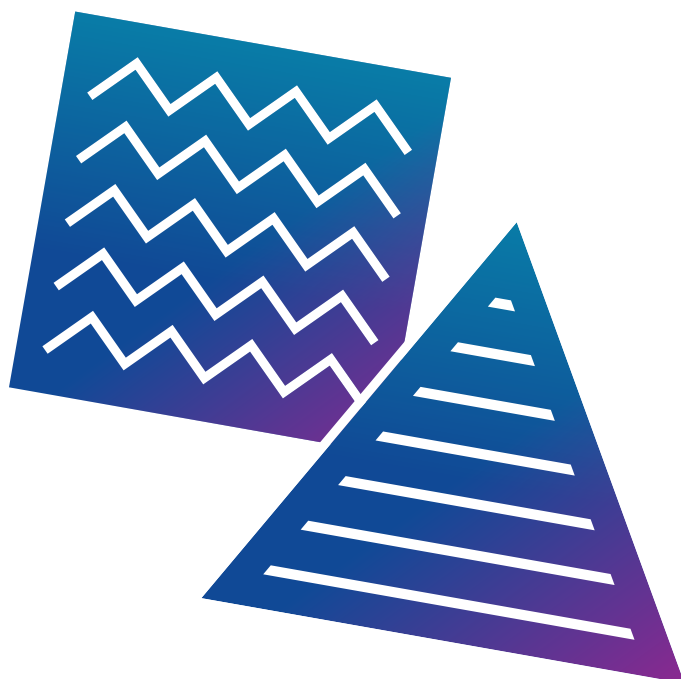
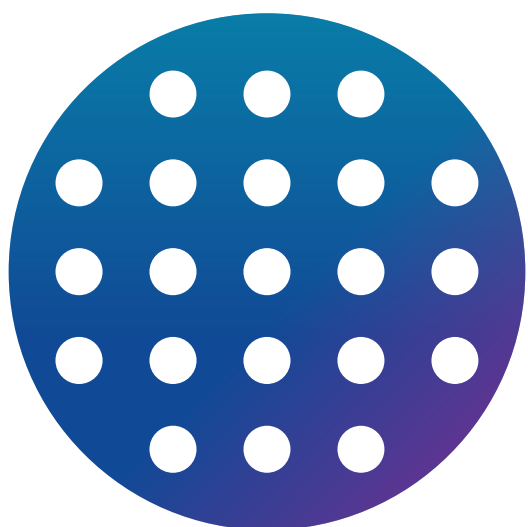




RAILWAY MUSEUM



GREAT OBJECT HUNT: MATERIALS

EXPLORING 	Ages 5-7 7-11	Topics MATERIALS	 30 MIN
	Skills used MAKING OBSERVATIONS · COMMUNICATION		

Follow your curiosity and the things that interest you to explore the amazing objects in our galleries. Use your observation and questioning skills to get thinking and talking about how science and engineering shape our lives.

See how many challenges you can complete in 30 minutes.

Top tips for exploring...

- **Find different objects for each challenge**
- **Look up, down and up close and see what you find**
- **Work together as a team and talk about your choices**
- **Write down or draw the different things that you find**

TEAM NAME:	
NAMES OF TEAM MEMBERS:	
FINISH TIME:	MEETING POINT:

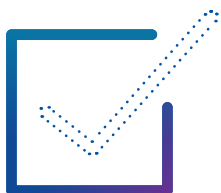
Choose different objects for each challenge. Find...



Something see-through

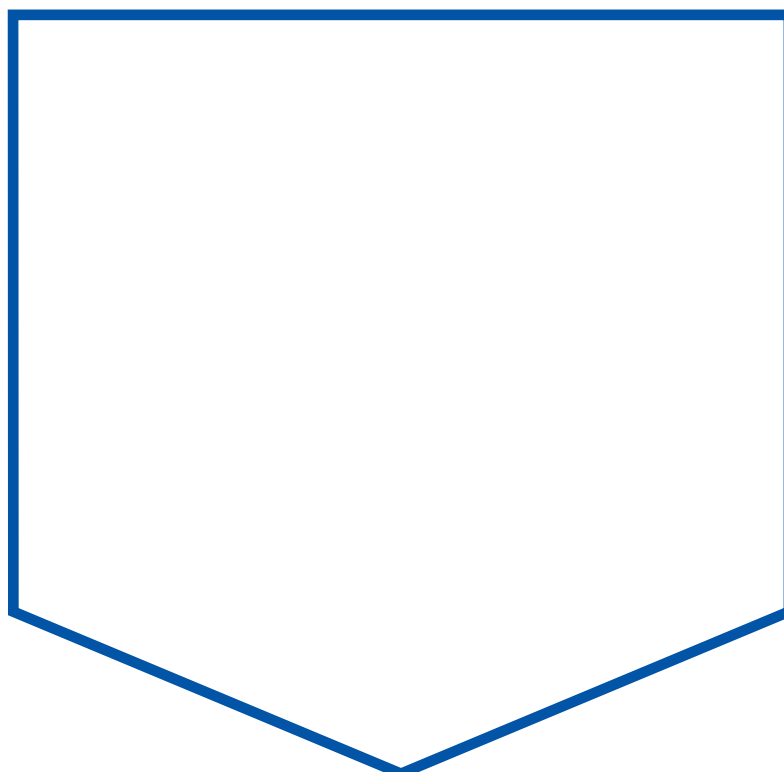


Something you think is beautiful

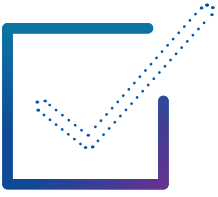


Something made from lots of different materials

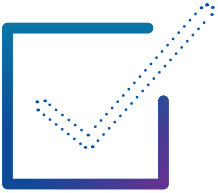
Something made from a material you're wearing



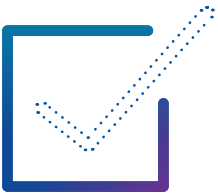
Choose different objects for each challenge. Find...



Something shiny

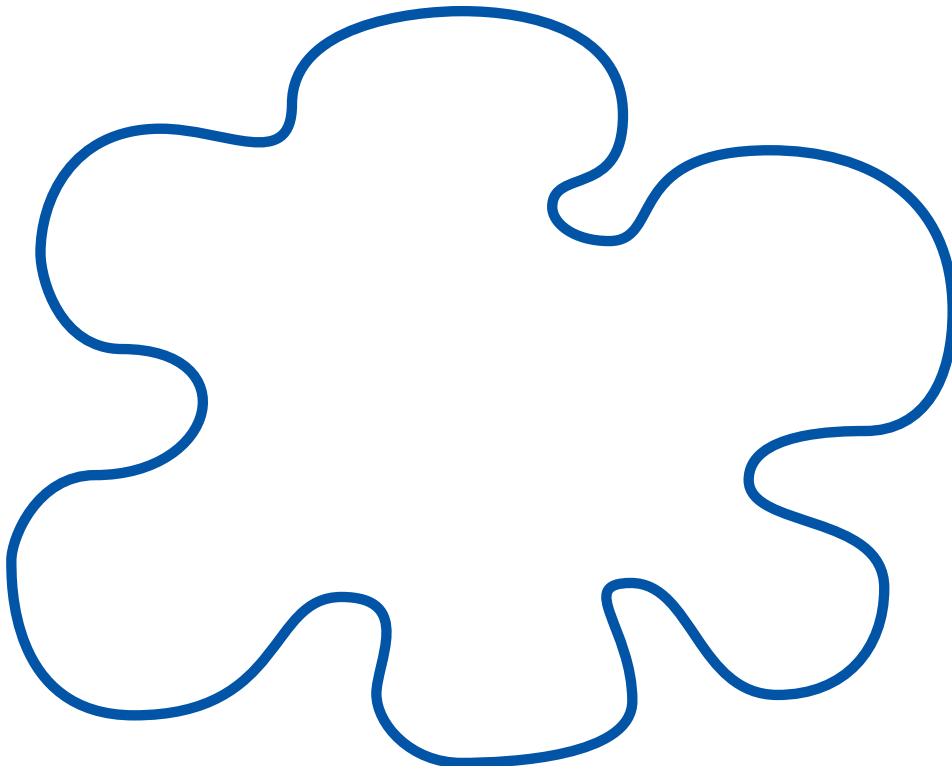


Something more than 100 years old

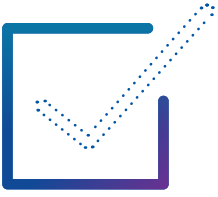


Something that could hold water

How many different shapes can you spot?



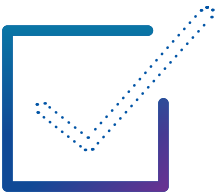
Choose different objects for each challenge. Find...



Something that looks surprising

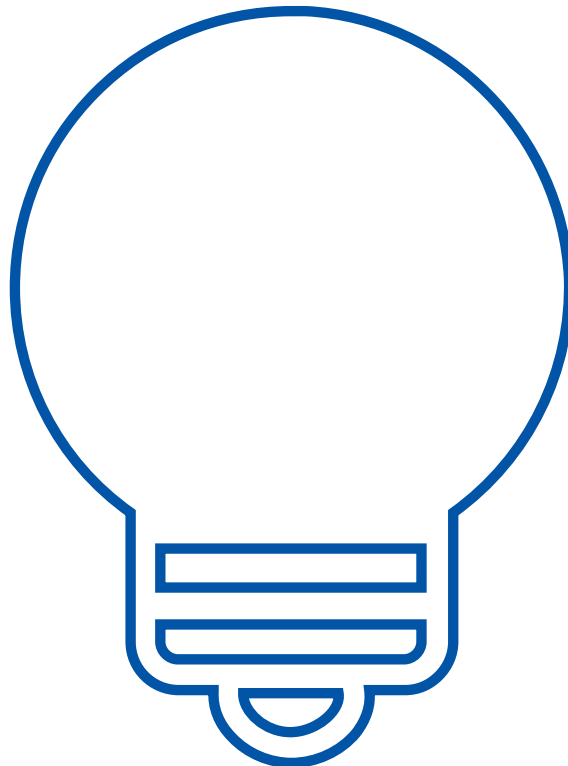


Something made from glass



Something you definitely couldn't make from glass

Imagine you've invented an exciting new material. What can it do?



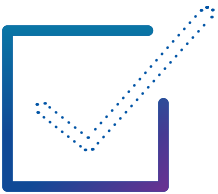
Choose different objects for each challenge. Find...



Something made from plastic

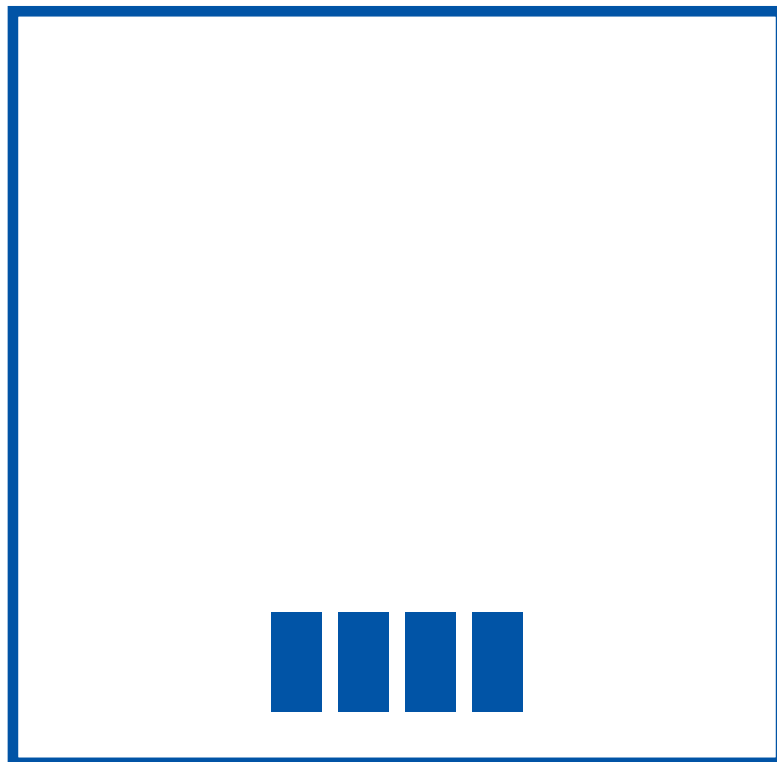


Something that shows signs of wear and tear



Something that feels cold

Something you think is the same weight as you



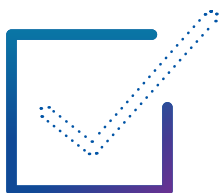
Choose different objects for each challenge. Find...



Something you think would break easily



Something you think is strong



Something soft

Can you come up with your own challenge?

