

MEETING POINTS:	FINISHING TIME:
NAMES OF TEAM MEMBERS:	
TEAM NAME:	

- 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



Top tips for exploring...

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.

RAILWAY MUSEUM



GREAT OBJECT HUNT: FORCES

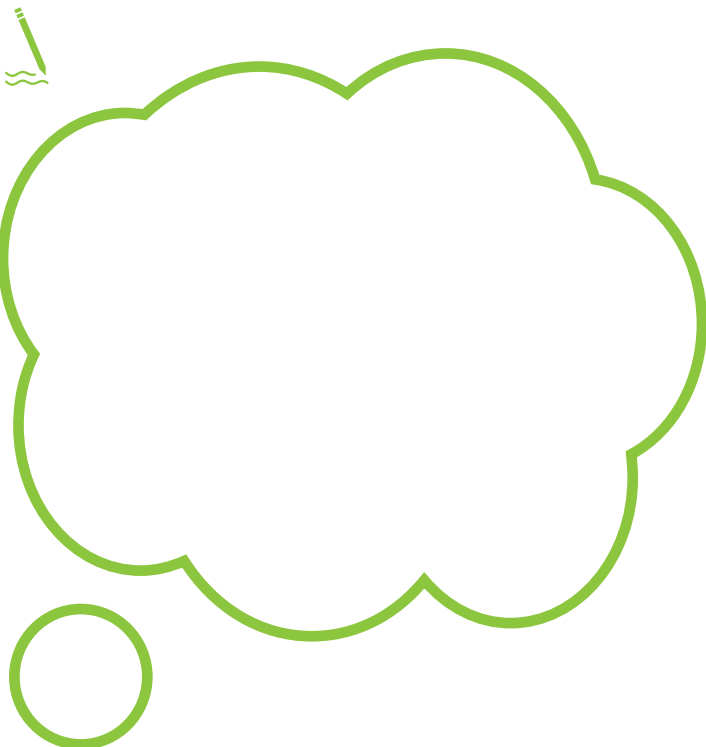
EXPLORING 	Age 7-11 11-14	Topic FORCES	 30 MIN
	Skills used MAKING OBSERVATIONS · COMMUNICATION		

Find something...

- that has the biggest wheel you can find
- that has the smallest wheel you can find
- that turns but isn't a wheel
- that you think would break easily
- that you think is strong

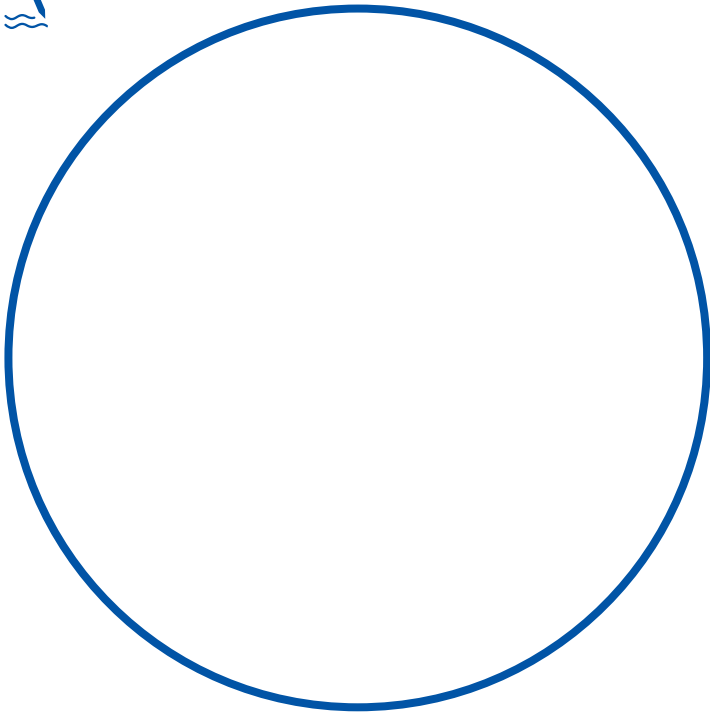
FOLD 1

Can you come up with your own challenge?



FOLD 2

Find a wheel and draw what it looks like



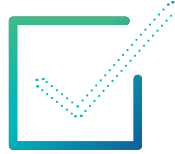
Find something...



that you move by hand



that is powered by electricity



that you think would take a long time to stop



that you could use to keep your balance



that is a strong shape

Find something...



that makes our lives easier



that is streamlined
(shaped to cut easily through the air)



that is definitely not streamlined



that you think is magnetic



that is powered by steam pressure

Find something with a lever or gears

