

FINISHING TIME:	
MEETING POINTS:	
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 maths shape our lives. See how many challenges you can complete in 30 minutes.

**Find something...**



that is an unusual shape

**designed to solve a problem**



**with an interesting pattern on it**



**that you think is the oldest thing in the museum**

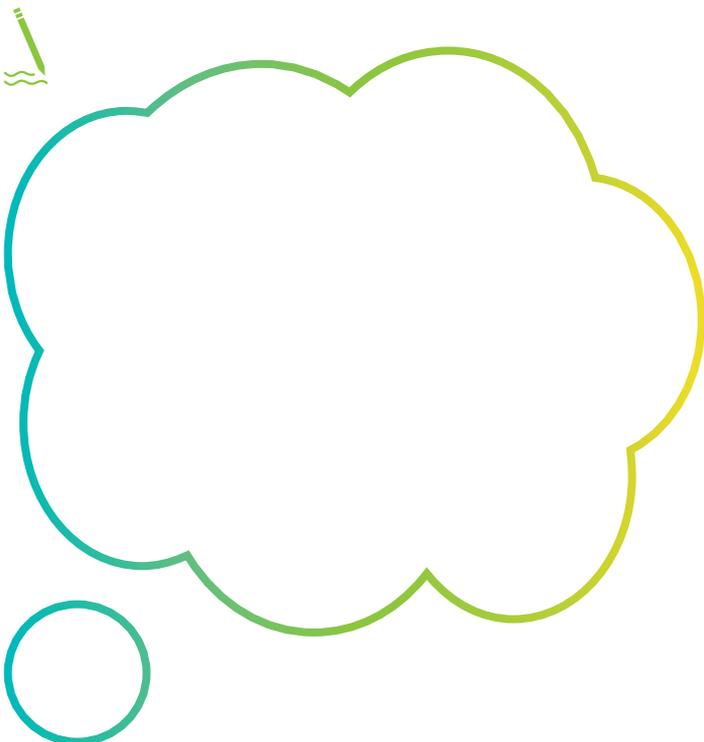


**parts that you think has moving**



FOLD 1

Can you come up with your own maths challenge?



FOLD 2

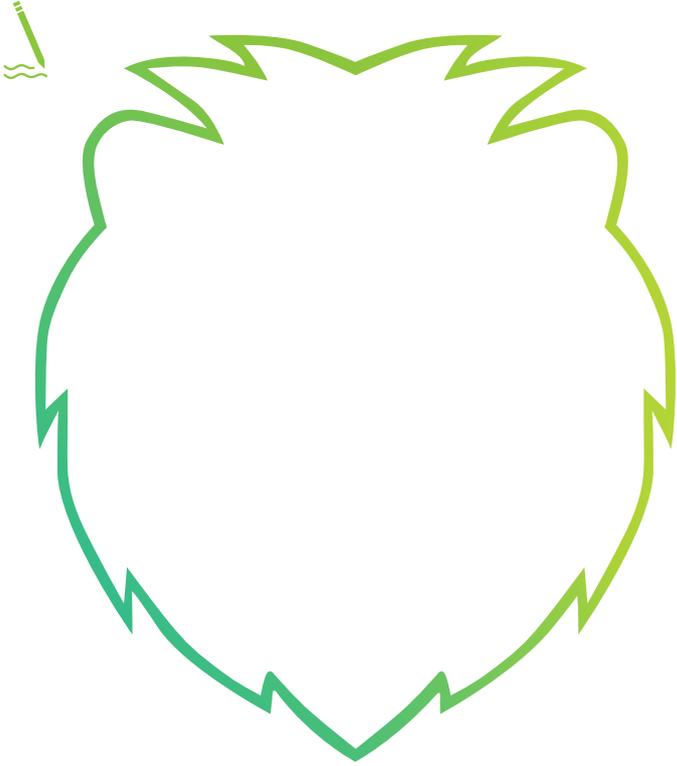
# RAILWAY MUSEUM



## GREAT OBJECT HUNT: MATHS

EXPLORING 	Age <b>7-11</b> <b>11-14</b>	Topic <b>MATHS</b>	 <b>30 MIN</b>
	Skills used <b>MAKING OBSERVATIONS · COMMUNICATION</b>		

Lions were often used to decorate locomotives and carriages.  
How many can you find?



Find something...



written in Roman numerals  
(eg VII or XI)



that's designed to take  
measurements  
(eg distance, speed)



that is symmetrical



that you think would move  
fastest



with parts that look like  
they turn or spin

FOLD 1

Find something...



made of at least three  
different materials



that has parallel lines



that you think is the  
biggest object in the  
museum

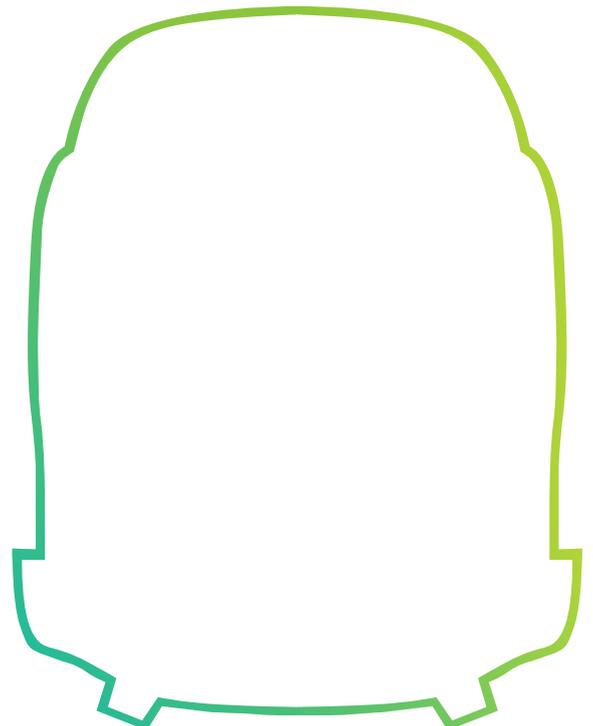


that you think is the  
smallest object in the  
museum



that would help you tell  
the time

Pick your favourite locomotive  
and estimate its length



FOLD 2