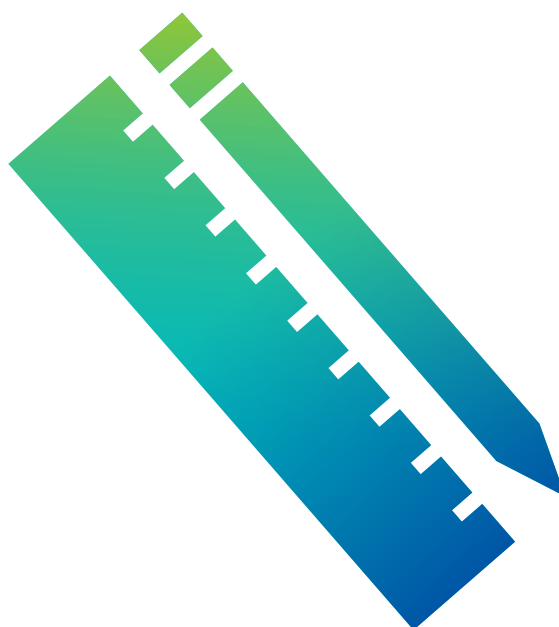




# RAILWAY MUSEUM



## GREAT OBJECT HUNT: DESIGN AND ENGINEERING

<b>EXPLORING</b> 	Ages <b>7-11</b> <b>11-14</b>	Topics <b>SCIENCE</b> <b>DESIGN AND TECHNOLOGY</b>	 <b>30 MIN</b>
	Skills used <b>MAKING OBSERVATIONS · COMMUNICATION</b>		

**Follow your curiosity and explore amazing objects in our galleries. Use your observation and questioning skills to get thinking about how science and engineering shape our lives.**

**How many challenges can you 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:**

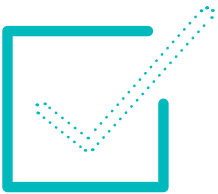
Choose different objects for each challenge. Find...

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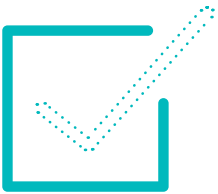
**Something made from glass**

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**Something you could definitely not make from glass**

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**Something you think is both beautiful and useful**

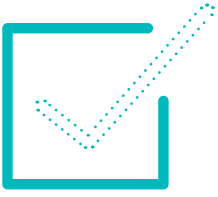
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**Find something with an interesting pattern and draw the pattern below**



Choose different objects for each challenge. Find...

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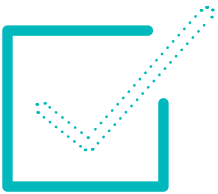
**Something more than 100 years old**

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**Something designed to solve a problem**

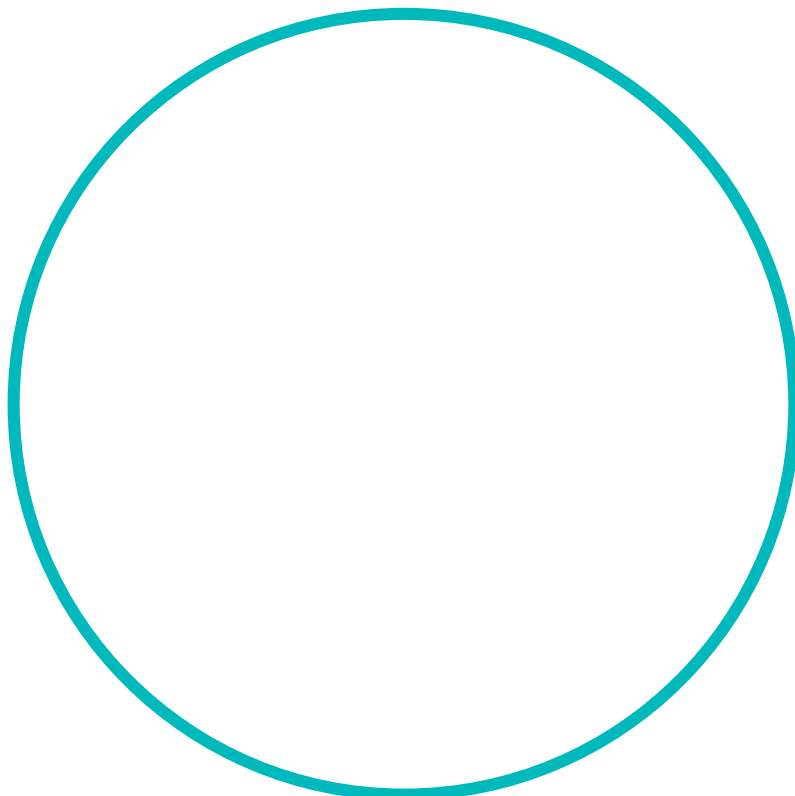
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**Something that's a strong shape**

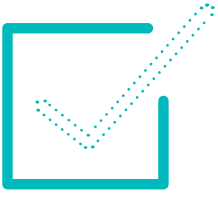
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**Something for each of the colours of the rainbow**



Choose different objects for each challenge. Find...

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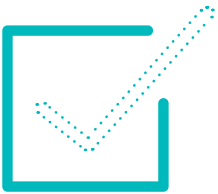
**Something that sends a message**

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**Something that would be useful at night**

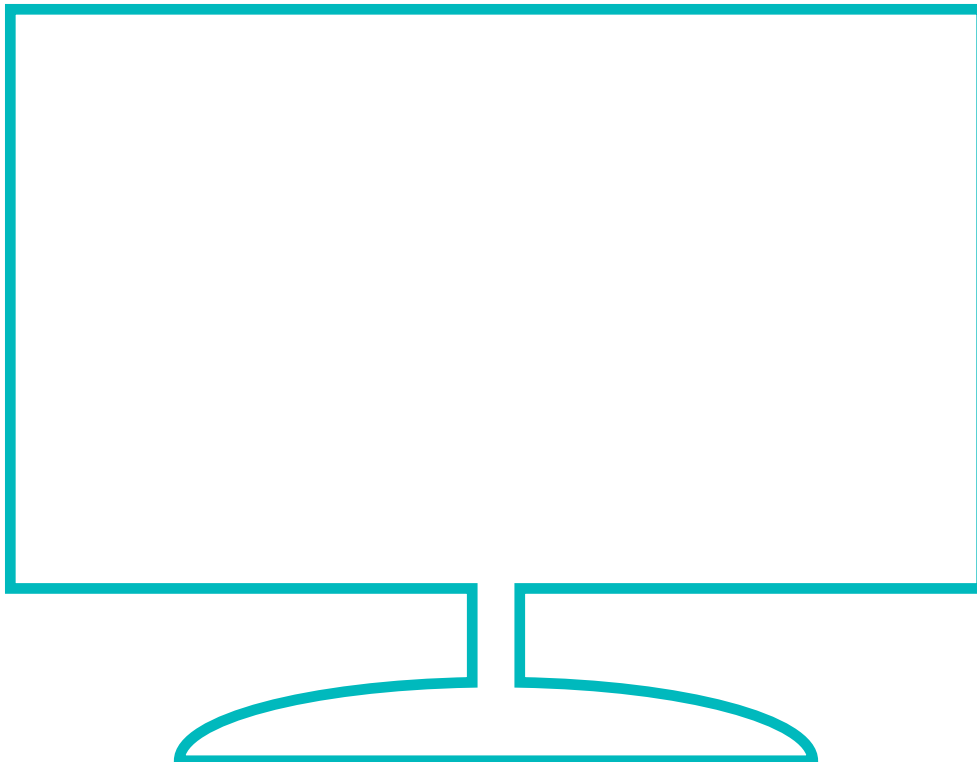
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**Something that could hold a liquid**

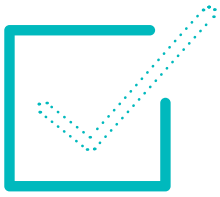
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**Choose an object and create an advertising slogan for it**



Choose different objects for each challenge. Find...

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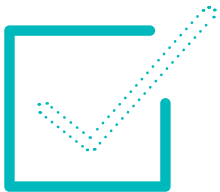
**Something that makes our lives easier**

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**Something made from five different materials**

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**Something streamlined (shaped to cut easily through the air)**

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**Something made from a material you're wearing**



Choose different objects for each challenge. Find...

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**Something you wish you'd invented**

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**Something you think was expensive to make**

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**Something that would make your journey more enjoyable**

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**Can you come up with your own challenge?**

