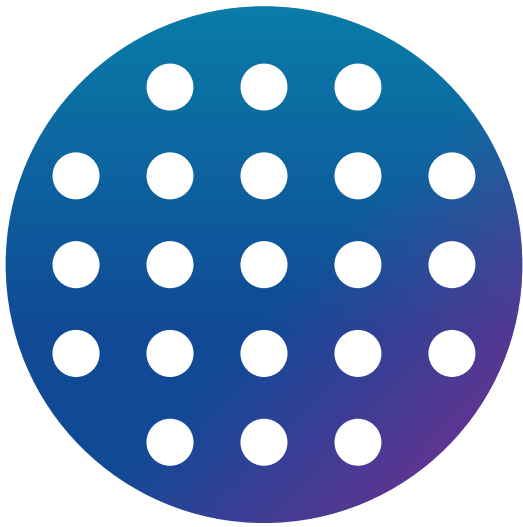




# SCIENCE MUSEUM



## GREAT OBJECT HUNT: MATERIALS

<b>EXPLORING</b> 	Ages <b>7-11</b> <b>11-14</b>	Topics <b>MATERIALS</b>	 <b>30 MIN</b>
	Skills used <b>MAKING OBSERVATIONS · COMMUNICATION</b>		

**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 technology 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**

<b>TEAM NAME:</b>	
<b>NAMES OF TEAM MEMBERS:</b>	
<b>FINISH TIME:</b>	<b>MEETING POINT:</b>

Choose different objects for each challenge. Find...

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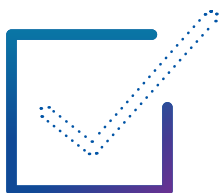
**Something made from plastic**

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**Something made from paper**

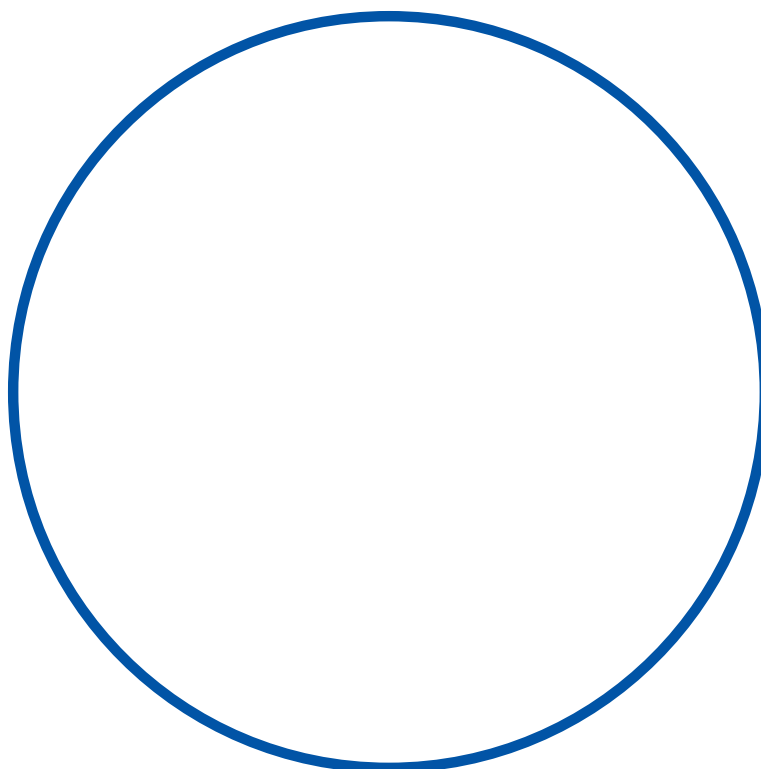
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**Something made from fabric**

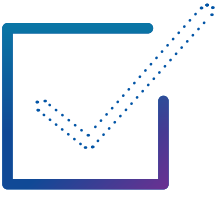
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**Something for each of the colours of the rainbow**



Choose different objects for each challenge. Find...

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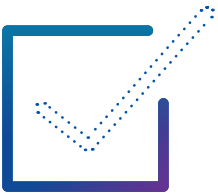
**Something that would keep you dry in the rain**

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**Something that could keep you warm**

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**Something that would survive under water**

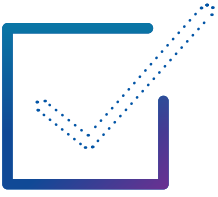
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**An interesting texture and draw it**



Choose different objects for each challenge. Find...

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**Something that would bounce if you dropped it**

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**Something you think would break easily**

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**Something you think is strong**

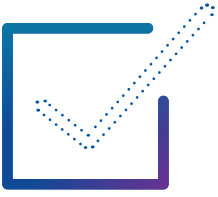
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**An object made from metal. Why is that a good material?  
What would happen if it was made from glass?**

A large rectangular box representing a notebook page, with five rings at the top.A large rectangular box representing a notebook page, with five rings at the top.

Choose different objects for each challenge. Find...

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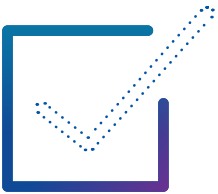
**Something you think would survive a fire**

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**Something made from natural materials**

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**Something made from an unusual material**

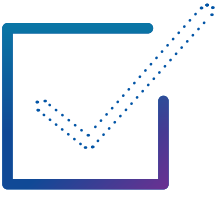
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**Choose an object. How would you change it if you had the chance?**

A large rectangular box with a blue border. On the left side, there are five circular punch holes, suggesting it is a page from a notebook or binder. The rest of the box is empty, intended for a drawing or written response.

Choose different objects for each challenge. Find...

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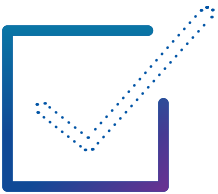
**Something you think was expensive to make**

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**Something that shows signs of wear and tear**

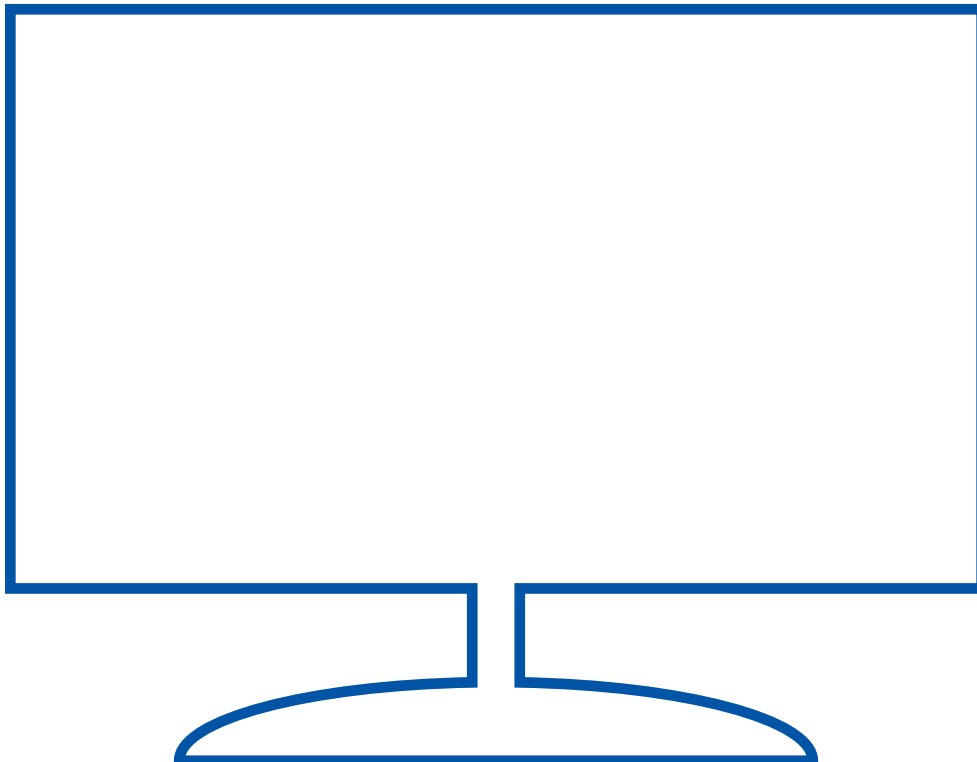
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**Something more than 150 years old**

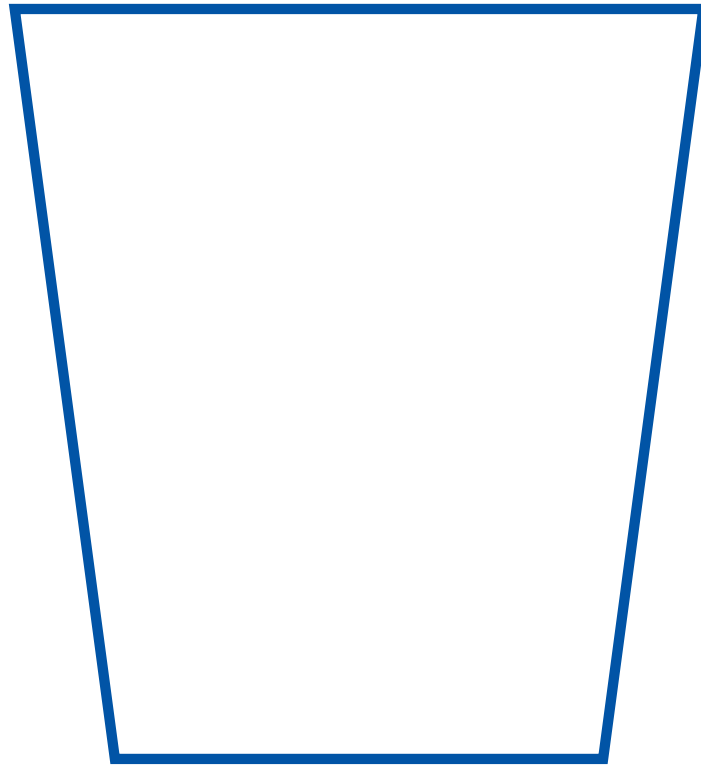
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**Choose an object and create an advertising slogan for it**



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**Find something that was designed to be thrown away**



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

