

Raise Tower Bridge reflection activity

Well done on using your coding skills to raise Tower Bridge! This activity will help you to think about what you learned during the workshop.

In pairs or groups, think about the workshop and answer the questions below. Draw or write notes to support your thinking. Be ready to share your answers with the rest of the class.

How do we open Tower Bridge today? How is it powered?

How did the Victorians open Tower Bridge? How was it powered?

What skills and qualities does a Bridge Driver need?

Raise Tower Bridge reflection guidance

Encourage your class to reflect on the visit and workshop. Below you will find some guidance around each question.

How do we open Tower Bridge today? How is it powered?

- *Children might identify that today we use buttons, computers, coding and electricity to open the Bridge.*

e.g. Today someone presses a button and uses a computer and coding when the bridge needs to be opened. They use electricity to open the bridge.

How did the Victorians open Tower Bridge? How was it powered?

- *Children may identify that the Victorians used coal, steam, water and engines to open the Bridge.*

e.g. The Victorians used Steam Engines to open Tower Bridge. They used coal and fire to boil water to create steam. This steam powered the engines. The engines squashed water into a small space, giving it lots of energy. This water was stored then released when the bridge needed to open.

What skills and qualities does a Bridge Driver need?

- *Remind children that Bridge Drivers are the people that open the Bridge. This webpage may be helpful:*

<https://www.towerbridge.org.uk/stories/bridge-driver>

e.g. Teamwork, maths, coding, good time keeping, being organised, good communicators, problem solving