

Name:

Date:

KS2 Quiz

Unit title: Bridges

1 What is the name of the tool?

- A Hack saw.
- B Tenon saw.
- C Coping saw.
- D Jig saw.

2 What is the name of the tool?

- A File.
- B Screwdriver.
- C Rasp.
- D Chisel.

3 What are these tools used for?

- A Removing large sections of material.
- B Creating holes in different materials.
- C Marking out an angle on different materials.
- D Smoothing down rough edges on different materials.

4 What is a try square or set square?

- A A linear ruler used to measure in straight lines.
- B A right-angle plate for drawing lines at 90°, 45°, 60° or 30°.
- C An arched wood or metal plate used for marking curves.
- D A tool used to cut squares from different materials.

5 What type of bridge is this?

- A Angular.
- B Truss.
- C Beam.
- D Arch.

6 What helps this bridge distribute weight evenly?

- A Triangle formations.
- B Pillars.
- C The central beam.
- D Bolts.

7 What are material properties?

- A A description of the materials aesthetics only.
- B The weaknesses of a material.
- C Words that describe the materials form and function.
- D The strengths of a material.

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8 What are the material properties of softwood (pine)?

- A Easier to shape, light and strong.
- B Hard, heavy and stiff.
- C Difficult to carve, strong and waterproof.
- D Flexible, transparent and weak.

9 What is a cutting template used for?

- A Placing the material on to draw around it like a stencil.
- B Getting a rough idea of how much material is needed.
- C Something that cuts out the material for you.
- D Measuring each component accurately.

10 Explain why spaghetti is a poor building material choice.