

Year 5 Structure: Bridges

Excellence and Enjoyment. Everyone and Everything. "God created you to be amazing"



Glossary

Compression- A squashing force created when parts of a structure are pushed together

Coping saw- a saw with a D shaped blade- used for cutting curves in wood

Tenon saw- a saw with a straight blade- used for cutting straight lines

Mark out- a mark to identify where an object needs to be cut

Reinforce- making a structure stronger, often by adding another material

Sandpaper- used to polish and smooth down wood

Bridge types



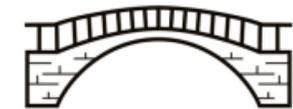
Truss bridge



Suspension bridge



Beam bridge



Arch bridge

Truss Bridges



Red Hill Riches

I know:

Bridges have different designs to add structure and reinforcement

A truss bridge has diagonal reinforcement

Wood needs to be cut using accurate measurements

Pieces of wood need reinforcing on joins

