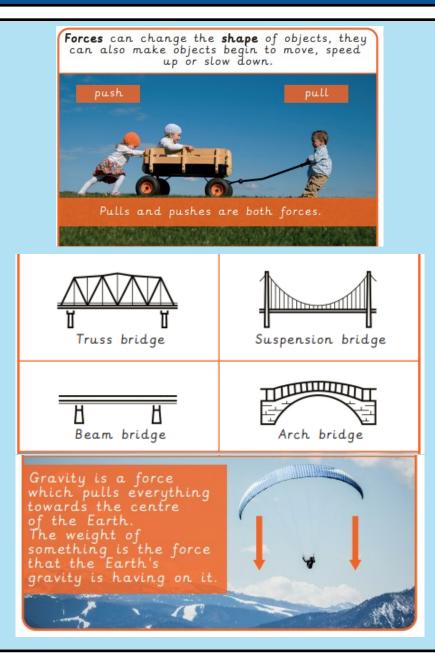
Year 5: Structures– Bridges

KEY FACTS:



KEY VOCABULARY:

Arch bridge: A bridge which is built with a curved arch.



usually on its own.

end of the bridge.

angles.

apart

Structure: Something which stands,

Suspension bridge: A bridge which is

suspended by cables which run between pillars that are connected onto either

Tenon saw: A saw with a flat blade, used

for cutting wood in straight lines or

supported by vertical cables and



Beam bridge: A bridge which is built with horizontal beams and vertical pillars.

File: A tool used to smooth down rough edges on wood or metal materials.

Mark out: To measure and mark where a piece of material needs to be cut or shaped.

Reinforce: To make a structure or material stronger, especially by adding another material or element to it.



Set square: A right– angle triangular plate, wood or metal tool used for drawing lines.



Truss bridge: A bridge which is built from a series of triangular beams.

Tension: A stretching force caused by

two parts of a structure being pulled



