

Knowledge Organiser Year 4 DT: Bridges

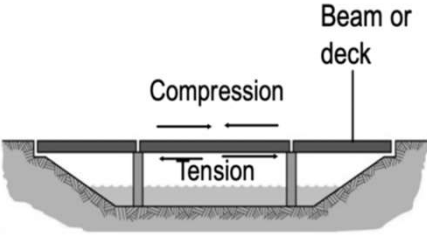


Tier 3 Vocabulary

Arch	A curved symmetrical structure spanning an opening supporting the weight of a bridge
Beam	A long, sturdy piece of squared timber or metal used to support
Bearing	The act or state of supporting or withstanding the weight of something
Cantilever	A long projecting beam fixed at one end used in bridge construction
Deck	A type of floor usually timber
Load	A weight or source of pressure borne by something
Pier	A platform on pillars
Stability	The strength to stand or endure
Support	To bear all or part of the weight of, to hold up
Suspension	A bridge in which the weight of the deck is supported by vertical cables
Truss	An interconnected framework of beams that holds something up



Arch bridge



Suspension bridges



Cantilever Bridges

