



Building Bridges

Lesson	Objective/s
Lesson 1	<ul style="list-style-type: none">• Review previous knowledge.• Mind map of current knowledge - this is to be updated at the end of each lesson with new knowledge.• Look at new knowledge organiser.
Lesson 2	<ul style="list-style-type: none">• To explore ways in which pillars and beams are used to span gaps.
Lesson 3	<ul style="list-style-type: none">• To explore ways in which trusses can be used to strengthen bridges.
Lesson 4	<ul style="list-style-type: none">• To explore ways in which arches are used to strengthen bridges.
Lesson 5	<ul style="list-style-type: none">• . To understand how suspension bridges are able to span long distances.
Lesson 6	<ul style="list-style-type: none">• To develop criteria and design a prototype bridge for a purpose.
Lesson 7	<ul style="list-style-type: none">• To write instructions on how to build a bridge. (Assessed task)
Lesson 8	<ul style="list-style-type: none">• To analyse and evaluate products according to design criteria.