DT- Bridges

<u>Key Vocabulary</u>	
Beam	A long, sturdy piece of squared
	timber.
Structure	Composing something of several
	parts.
Develop	To grow/cause to grow.
Evaluate	Assess the success of the product.
Strengthen	Make or become stronger.
Sequence	A particular order.
Critique	A detailed analysis.

The DT Cycle

Evaluate-

looking critically at their product - evaluate their ideas and products against their own design criteria and consider the views of others to improve their work.

Analysis

look at already existing products to discuss their strengths and weaknesses.



Design

using research to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups.



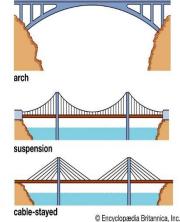


Make – children are taught the skills and best practice.

beam









General Knowledge

The **beam bridge**_is the oldest, simplest, and most common type of bridge. A beam bridge is a horizontal, or level, structure. It has a support on each end.

A **log** or a **plank** that crosses a stream is a beam bridge in its most basic form.

Modern beam bridges are usually made of steel beams, called girders.