



# Y3 Design Technology – Structures – Tram Bridge

## What is a Structure?

A structure is a building or object constructed from several parts.

## Your Design

You will need to think about the properties of stable structures. How you can reinforce corners and the materials you will use.

Think about how your design will appeal to the target audience and meet the criteria.

Vocabulary	
<b>Structure</b>	An object made from several parts
<b>Aesthetics</b>	The appearance of an object
<b>Stability</b>	How firmly fixed a structure is
<b>Frame</b>	A structure that form the base of an object
<b>Reinforce</b>	To strengthen or support an object
<b>Design</b>	A plan or drawing to show how an object will look before it is built
<b>Function</b>	The activity that is natural purpose of an object
<b>Purpose</b>	The reason why something is built or exists



PVA glue is a versatile, flexible glue that doesn't go yellow.

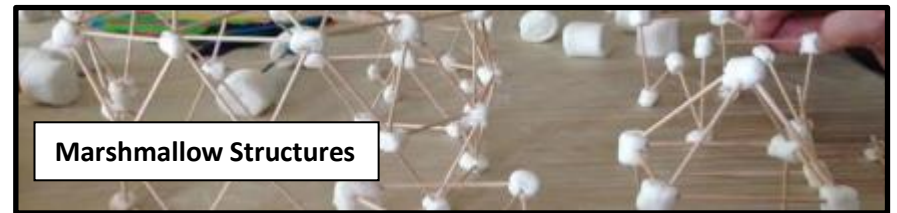


Hot glue gun is a good way to join materials and is much longer lasting than PVA.

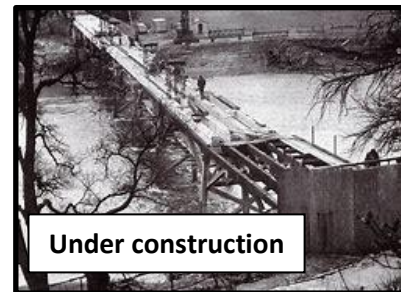


Card corners can be used to strengthen a structure. Triangles are often used in construction as they help with stability.

Joining Materials



Marshmallow Structures



Under construction



Now



New Design Idea