

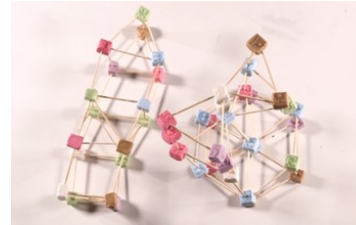


# Building a Pavilion (Structures)

**We are learning to design and make a pavilion structure.**

A pavilion is a decorative building or structure for leisure activities.

The pavilion needs to be stable and it needs to be reinforced so the structure is stronger. This can be done by adding another material or element to it.



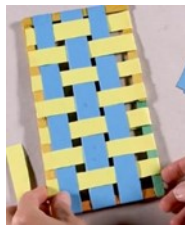
**What have we already learnt?**

The children have made strong and stable structures in Year 3. They understand which materials are appropriate to use and they have explored some joining and finishing techniques.



Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose aimed at particular individuals or groups

A pavilion has a frame structure which is a way of building something so that the inside supports are built first and the outside covering is added afterwards as cladding.



Vocabulary	Definition
design	a visual look or a shape given to a certain object
natural	something that comes from nature, rather than being man-made
structure	a thing made up of a number of parts joined together in a certain way
innovate	a new idea, product, or way to do something
3D shape	solid shapes that have three dimensions including length, depth and width
reinforce	to strengthen or make stronger
cladding	any material used to cover a structure's exterior