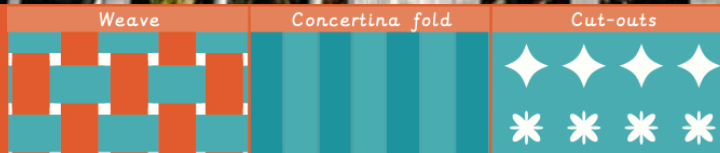


Year 4 - Structure - Pavilions - Term 1

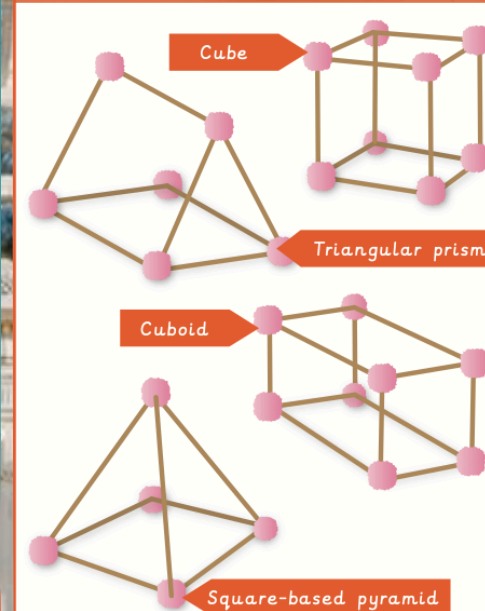
Key Vocabulary

Aesthetic	How an object or product looks.
Cladding	A material put on top of another material or on a structure as protection or to improve appearance.
Design criteria	A set of rules to help designers focus their ideas and test the success of them.
Evaluation	When you look at the good and bad points about something, then think about how you could improve it.
Frame structure	A way of building something so that the inside supports are built first and the outside covering is added afterwards as cladding.
Function	The purpose of an object (for example a chair needs to hold a person when sitting down); or how the product works (for example a torch needs to provide light in a dark space).
Inspiration	To gain ideas from different sources such as the internet, magazines and books.
Pavilion	A decorative building or structure for leisure activities.
Reinforce	To make a structure or material stronger, especially by adding another material or element to it.
Stable	Object does not easily topple over.
Structure	Something that has been made and put together and can usually stand on its own (e.g. a building, a bridge, a chair).
Target audience	A person or particular group of people at whom a product is aimed.
Target customer	A person or particular group of people who you expect to buy the product.
Texture	The way that something feels when you touch it (e.g. soft, rough, smooth).
Theme	An idea or specific design that your product or structure is based on (e.g. space-themed).

You can create all sorts of textures for your cladding designs using different materials and techniques.



There are variety of ways to assemble a frame structure.



What materials and equipment could you use to make your structure?

To know statements



I know how to produce a range of free standing frame structures of different shapes and sizes

I know how to design a pavilion that is strong, stable and aesthetically pleasing, including a range of materials to create a desired effect

I know how to select appropriate materials and construction techniques to create a stable, free-standing frame structure for the pavilion which clearly reflects the design

I know how to select appropriate materials and techniques to add cladding to their pavilion which clearly reflects the chosen theme and the design criteria

What can you remember from previous units?
What is a 3D shape? Name some? How can you make one?
How did you make a complex castle out of simple shapes?

Anything else you have learnt? What have you enjoyed?