

## Topic

Structures:  
Roman Pavilions



## Holy Family Halewood

Year 3 and 4 Design & Technology



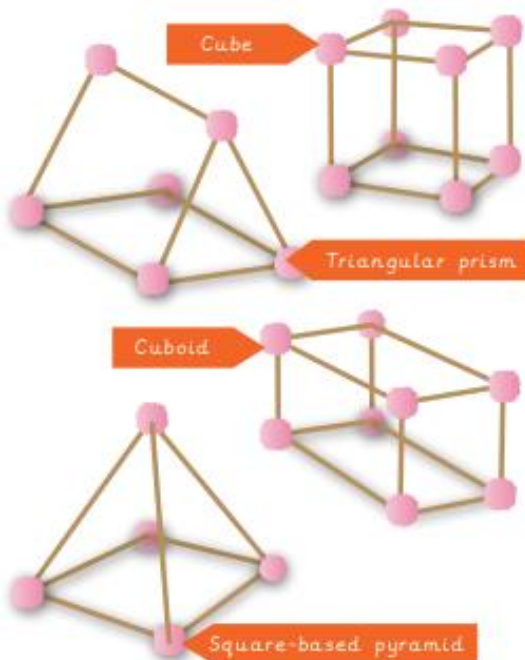
### Learning Objectives

- To create a range of different shaped frame structures.
- To design a structure.
- To build a frame structure.
- To add cladding to a frame structure.

### Key Facts



There are a variety of ways to ensemble a Frame Sculpture.



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

### 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 them.

**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.