

Year 4 DT Pavilions

Key Skills

1. To create a range of different shaped frame structures
2. To create a range of different shaped frame structures
3. To build a frame structure
4. To add cladding to a frame structure

Vocab/Key Words

Cladding - A material put on top of another material or on a structure as protection or to improve appearance.

Frame structure - A way of building something so that the inside supports are built first and the outside covering is added afterwards as cladding.

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.

Texture - The way that something feels when you touch it (e.g. soft, rough, smooth).

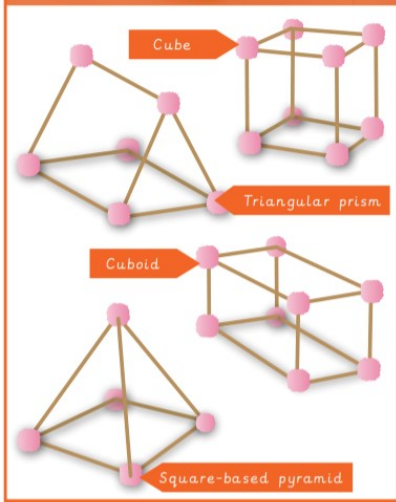


Respect, Believe, Achieve

Key Knowledge



There are variety of ways to assemble a frame structure.



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

Previous Learning

- Castles (Year 3)
- Baby Bear's chair (Year 2)
- Windmills (Year 1)

What I will know/be able to do by the end

- Pupils explore pavilion structures, learning about what they are used for and investigating how to create strong and stable structures before also designing and creating their own pavilions, complete with cladding
- I can follow health and safety rules
- I can suggest appropriate design criteria points to fulfil the design brief

Websites/Signposting/Connection to a famous person

<https://www.bbc.co.uk/teach/class-clips-video/design-and-technology-ks2-making-structures-stronger/z626hbk>