

Topic

Structures: Baby Bear's Chair



Holy Family Halewood

Year 1 and 2 Design Technology



Learning Objectives

- To explore the concept and features of structures and the stability of different shapes.
- To understand that the shape of the structure affects its strength.
- To make a structure according to design criteria.
- To produce a finished structure and evaluate its strength, stiffness and stability.

Key Vocabulary

Function: How something works

Man-made: Made by people.

Mould: To form different shapes out of soft, squishy materials.

Natural: Found in nature e.g. spider's web, sheep's wool.

Stable: Object does not easily topple over.

Stiff: A material or object that does not bend easily (e.g. wood.)

Strong: Something that is not broken (e.g. wood, brick, building.)

Structure: Something that has been made and put together and can usually stand on its own (e.g. a building, a bridge, a chair.)

Test: To find out whether something works as it should.

Weak: Something that is easily broken (e.g. paper, egg shells.)

Key Facts

Often **structures** have a certain **function**, they are made to do something e.g. chairs are for sitting on.



They should be **stable**, **strong** and comfortable.
Was baby bear's chair **stable** and **strong**?



Natural Objects



Man-made Objects

