

## 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

