



Endpoints for Design Technology

Year 1 – Shade and Shelter



We will be learning about the purpose of shelters and exploring what they can be made from.

What I know and can explain

A shelter is a structure designed to give protection from weather or danger

A material is what an object is made from

Everyday materials include wood, plastic, glass, metal, water, rock, brick, paper and fabric

The project or product must meet the design criteria to be successful

Rules are made to keep people safe from danger

Shade is created when sunlight is blocked by an object. Humans and animals need shade for protection from strong sunlight.

Shelter is created by a structure when it protects a living thing from the weather or danger. Humans and animals need shelter for warmth and safety.

There are many different types of human-made shelter. Some shelters are permanent, such as a house or garage. Other shelters are temporary, such as a tent.

Shelter design

Shelters must:

- be sturdy and strong, so they do not blow over
- have a covering that protects people and animals from the weather or danger
- have a way to get in and out



Useful Vocabulary

Den – A structure, usually built outside, in which children can play

Design criteria – The goals that a project must achieve to be successful

Permanent - Lasting for a long time or forever

Temporary - Not lasting or needed for very long