## Shade and Shelter

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.







house

garage

carport









shed



bus stop

kennel

tent

bird house

## Materials

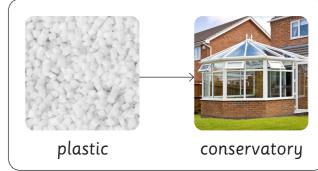
A material is what an object is made from. These shelters are made from different materials.



The walls of this office block are made from glass.



This shed is made from wood.



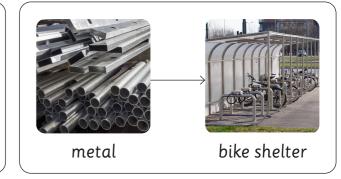
The frame of this conservatory is made from plastic.



This garage is made from stone.



This house is made from clay bricks.



The frame of this bike shelter is made from metal.

Different materials have different properties. For example they can be strong, flexible, waterproof, transparent or opaque. Different parts of shelters are made from different materials depending on their properties.

## 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



## Glossary

opaque	A material that cannot be seen through.
permanent	Lasting for a long time or forever.
temporary	Not lasting or needed for very long
transparent	A material that can be easily seen through.

