

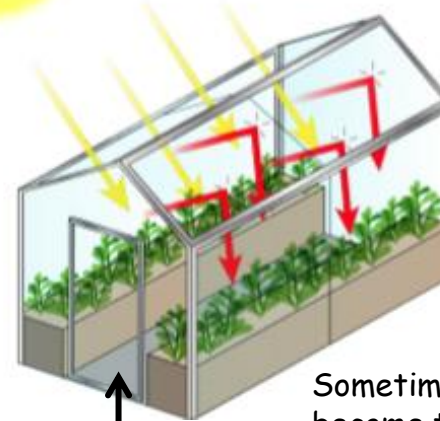
DT: Greenhouses

Key vocabulary

Greenhouse	A building in which plants (including flowers, fruit and vegetables) that need protection from cold weather are grown.
Stable	Steady, strong and safe. It is not likely to collapse or fall over.
Transparent	A material that can be seen through clearly.
Ventilation	Allowing fresh air to enter and flow around a room.



Sunlight shines through the **transparent** material and warms the air and plants inside.

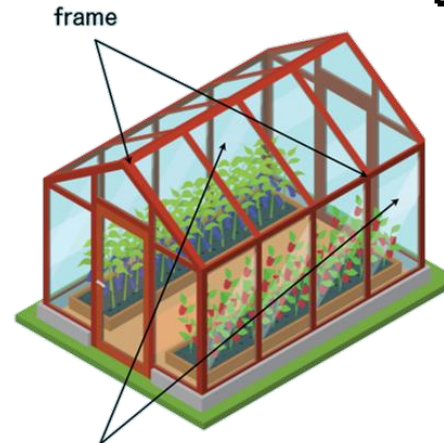


The glass or plastic traps the heat inside, so it stays warm throughout the day.

Sometimes a greenhouse may become too hot, so it is important to be able to **ventilate** it when needed. This one has a door which can be opened.

A stable structure

- The shape of a structure and the materials it is made from affect its stability.
- The weight of the structure needs to be evenly spread on the **base** for it to be stable.
- The wider the base of the structure, the more stable it will be.
- The **frame** of the structure needs to be strong to stop it from collapsing.



gaps within frame filled with less stable materials

Structural shapes



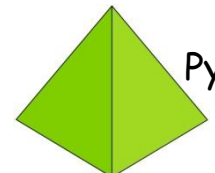
Cuboid.



Triangular prism.



Pentagonal prism.



Pyramid.