



ST. ALBAN'S
CATHOLIC PRIMARY SCHOOL
LEAD THE WAY

Yr 3 DT: Mini greenhouse



What do plants need to grow?

In order to survive, plants need light, heat, air, water and nutrients. Greenhouses provide light and heat for plants.

Why are greenhouses useful?

Greenhouses allow more control over the environment that plants grow in and can protect them both from bad weather and harmful insects. Greenhouses enable plants to be grown throughout the winter months as temperatures can be regulated.

How are greenhouses constructed?

The frame of a greenhouse is most commonly made from wood, metal or plastic tubing. However, the sections within the frame are filled with glass or plastic sheeting. These materials can be less stable than those that the frame is made from. This means the frame itself has to be strong and stable, as it has to stop the structure collapsing.



Key vocabulary

Greenhouse: A greenhouse is a building in which plants (including flowers, fruit and vegetables) that need protection from cold weather are grown.

Transparent material: A material that allows light to pass through so that objects can be clearly seen.

Ventilating: Allowing fresh air to enter and circulate a room or area by opening a door or window. In a greenhouse, this lets some of the heat escape and cools down the temperature.

Structure: A building or other object constructed from several parts.

Stable: If a structure is stable, it is steady, strong and safe. It is not likely to collapse or fall over.

Pneumatics: The use of pressurised air for mechanical motion