



..... Term

Think deeply about...

How plants changed the Earth's atmosphere, allowing animals to live on land.
 Why humans need plants to survive and different ways we rely on them.
 How, unlike humans and animals, plants are able to make their own food.
 How plants are able to adapt to their surroundings and environment.
 The reproduction of a flowering plant and the similarities to human reproduction.

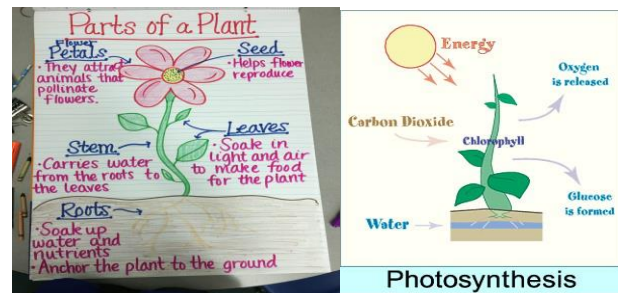
Learn...

To share ideas and set up an enquiry to test theories on what plants need to grow and thrive.
 To make systematic and careful observations when carrying out an investigation, to identify how water is transported within plants.
 How there are a range of different flowers and record their observations.
 The process of how fruits develop from pollinated flowers.
 How seeds are dispersed in different ways.

Use...

Vocabulary

Plants, growth, light, warmth, air, soil, water, seedlings.
 Root, stem, shoots, leaves, flowers, wilting, Xylem tubes.
 Botany, botanist, petals, reproduction, male, female, stigma, style, stamens.
 Ovary, ovules, pollination, fertilisation, fruit, pod, seed.
 Parents plant, dispersal, germination.



Explore...

The Great Plant Hunt (<http://www.greatplanthunt.org>)
 Science and Plants for Schools (<http://www.saps.org.uk>)
 The experiment with celery: <http://www.york.ac.uk/res/sots/activities/celery.htm>