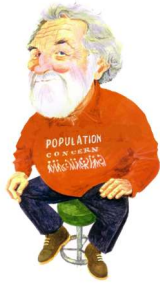


Prior learning: In Year One children learnt about the the variety of plants, the different plants to be found locally and the basic sructure of plants and trees

Meet some brilliant scientists...

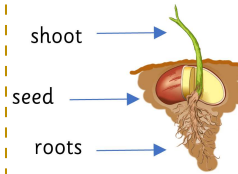


David Bellamy was a famous botanist and a television presenter. He also wrote many books about plants and nature.



Jane Colden was born in 1720 and was the first woman botanist in America. She discovered more about plants and she and her father wrote and illustrated a book about them. The book was so good that it won an award.

How do seeds grow into plants?



We will learn that germination is the process when a seed begins to grow into a plant. Germination needs the right temperature, oxygen and water. We will carefully observe bean plants at different stages of germination, keeping a 'bean diary' over a number of weeks to observe growth.



I know that seeds germinate into seedlings, producing roots and shoots



Are all seeds the same?



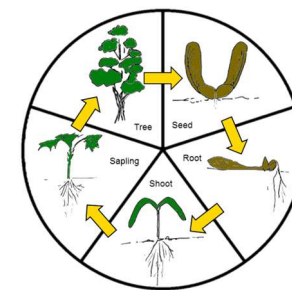
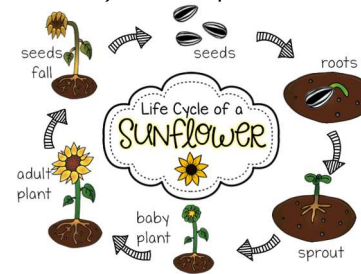
We will learn that there are many types of seeds which come in different shapes, colours and sizes by careful observation. We will also learn where seeds come from.



I know that seeds come in different shapes, sizes and colours



How do plants reproduce?



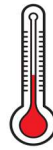
We will learn about how plants reproduce and learn about the life cycles of different plants, using books, leaflet and the internet.



I know that plants produce seeds which grow into new plants



What do plants need to grow well?



We will learn that plants need light, warmth soil and water to grow well. We will investigate growing cress seeds by carrying out a fair test, generating our own predictions and conclusions.



I know that plants need light, water, warmth and soil to grow well



Vocabulary

observation



light



seedling



grouping



prediction



soil



root



germination



research



warmth



shoot



life cycle



fair test



water



seed



reproduce

