

How Does Your Garden Grow?

Year 3

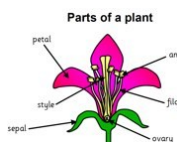
TERM: Summer 1

Some people think that bees are not friendly and are just annoying insects that are out to hurt people! Year 3 are on a mission to change people's minds! By using a variety of different sources, we are going to promote the vital role that bees play in maintaining the life cycle of plants. In order to do this successfully, the children will first need to identify all the parts of a flower and how a plant's reproduction system helps to create new seeds through fertilisation and germination. They will use this new knowledge to grow cress and sunflowers. All of this information will be shared to help to educate others about why bees should not be feared!



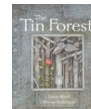
Lead Subject: Science

During this project, the children will be revisiting their KS1 knowledge of the parts of the plants. They will then be learning all about the reproductive parts of a flower and how pollination contributes to the reproduction of seeds. They will learn this through the life cycle of a plant and discuss the importance of fertilisation, germination and seed dispersal. The children will also discuss what plants need to survive and how they create their own food through the process of photosynthesis.



Lead Subject: English

In English, Children will use technical language to explain the process of pollination and how to protect pollinators such as bees. They will need to consider the clarity of their explanations by choosing the best vocabulary and sentence structure. Our Writing journey will focus on the picture book, *The Tin Forest* by Helen Ward. They will create a detailed description of the Tin forest by applying different sentence structures and paragraphing.



Lead Subject: Art

The children will have lots of opportunities to study flowers and plants, looking closely at their features and their patterns, and will draw these in their sketch books. They will then be using water colour to create a detailed painting of flowers and plants that might grow in the forest.



Applied Subject: Geography

The children will be using maps of the school to locate which flowers are growing in certain areas. They will use this to discuss why some plants grow better in certain areas of the school grounds.



School Values: Growth and Resilience

Children will be thinking carefully about how bees can be protected in the environment. This careful knowledge will grow their existing understanding of the importance of bees and will help to respect and protect them in their local environment.



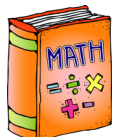
Applied Subject: Computing

The children will continue to access assignments through Google Classroom. We will use the internet to research information about pollination. We will also be programming our floor robots to create a special dance.



Maths:

In Maths this half term, we will continue to practise using our newly-found multiplication and division knowledge to apply to our understanding of fractions. We will begin this unit looking at how to share equally physically, showing how shapes can be broken into fractions, before moving on to working out fractions of an amount.



Outcome: In order to protect the bees further, we will be selecting and planting appropriate flowers in the school grounds for the bees to feed from and to allow the life cycle of plants to continue.



Home learning:

Children will be using their knowledge of plants to design a new plant.

RE: Belonging—how Christians and Hindus worship.

French:
Fruit

PE: Athletics and symmetry gym

PDL:
Being My Best