

Y3 Plantastic!



End Points:

identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers.

Explore the requirements of plants for life and growth: (air, light, water, nutrients from soil and room to grow) .

Explain the part that flowers play in the lifecycle of flowering plants including pollination, seed formation and seed dispersal.

Key Vocabulary

Word

Definition

nutrient

A substance that provides nourishment essential for the maintenance of life and for growth.

reproduce

To produce offspring. In a plant, to make a new plant.

function

To fulfil the purpose or task of something. (e.g. the parts of a plant)

transport

To take or carry something (e.g. water in a plant stem) from one place to another.

pollinate

To convey pollen to or deposit pollen on (a stigma, ovule, flower, or plant) and so allow fertilization.

disperse

To distribute or spread over a wide area.

life cycle

The series of changes in the life of an organism including

germinate

To begin to grow and put out shoots after a period of dormancy.

grow

To undergo natural development by increasing in size and changing physically.

How you can help at home:

Grow cress seeds and see the pro-

Discuss parts of a plant.

Discuss the process of pollination.

Collect examples of seeds from the environment.

Prior Learning

Future Learning



Y2

Describe how seeds and bulbs grow into mature plants.

Know that plants need water, light and a suitable temperature to grow and stay healthy.

Y4—explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment

recognise that environments can change and that this can sometimes pose dangers to living things