

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) and how they vary from plant to plant.

Investigate the way in which water is transported within plants.

Explore pollination 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	Y4—explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment
Describe how seeds and bulbs grow into mature plants.	recognise that environments can change and that this can sometimes pose dangers to living things
Know that plants need water, light and a suitable temperature to grow and stay healthy.	

	Effective Communicators	Creative thinkers & problem solvers	The ability to make connections and comparisons	Valuable members of a community	Understanding change, capable of changing and accepting change
	Respect			Positivity	

Respect

Positivity

Kindness