

# 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