

| | | | |
|--------|-------|--------|-------------------|
| Topic: | Term: | Year 3 | Duration: 5 weeks |
|--------|-------|--------|-------------------|



Eden Park Primary School Knowledge Organiser



Prior Knowledge

Observe and describe how seeds and bulbs grow into mature plants

-Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.

The Powerful Knowledge we will take away from this science topic:

- Describe the functions of the different parts of plants?
- Explore what plants needs for life and growth? Recap from year 2 – **PLUS** nutrients from soil. Do plants need fertiliser.
- Explain how the needs and functions of plant parts vary from plant to plant? E.g. insect and wind pollinated plants.
- Investigate the way in which water is transported within plants?

Working scientifically:

- Begin to understand fair testing.
- Make systematic observations using simple equipment.**

Investigations

- Q – How is water transported through a plant?
Test celery/carnations in coloured water.
- Q – Do plants grow better with fertiliser?

| Word | Meaning |
|-------------------------|--|
| Xylem and ploem | Tube structures in stem to transport water |
| Well drained | Soil does not hold too much water |
| Fertiliser | Contains nutrients for plant growth |
| Transport | Movement around the plant |
| Pollination | Pollen moved from one flower to another |
| Seed formation | How seeds are made |
| Dispersal | How seeds are spread |
| Plus year 2 vocab recap | Growth, seedlings, healthy, nutrients, deciduous, evergreen, light, temperature. |
| | |