



Year 3 Plants Knowledge Organiser

Star Vocabulary	
Air	An invisible gas, made up of mainly oxygen and nitrogen.
Nutrients	Parts of foods that a living thing uses to survive and grow.
Soil	Substance on the surface of the Earth in which plants grow, made up of pieces of rock and humus.
Fertiliser	Substance that is added to soil to help the growth of plants.
Pollination	When pollen is moved from plant to plant to produce more plants.
Seed dispersal	When seeds are carried away from the parent plant.
Air	An invisible gas, made up of mainly oxygen and nitrogen.
Nutrients	Parts of foods that a living thing uses to survive and grow.

Observe and describe how seeds and bulbs grow. Find out and describe how plants need water, light and a suitable temperature to grow.

Describe the life process of reproduction in some plants and animals.

- **Roots-** roots absorb water and nutrients from the soil and anchor the plant in place.
- **Stem-** transports water and nutrients/minerals around the plant.
- **Leaves-** use sunlight and water to produce the plant's food.
- Some plants produce flowers which enable the plant to reproduce.

Progression

Similarities and differences and make observations of plants.	Observe and describe how seeds and bulbs grow into mature plants. Describe what plants need.	Describe the life process of reproduction in some plants and animals.	
	Identify and name a variety of common wild and garden plants and describe their basic structure.	Identify and describe the functions of different parts of flowering plants and investigate the way in which water is transported within plants.	Reproduction in plants, including flower structure, wind and insect pollination, fertilisation, seed and fruit formation and