

Plants	Animals including humans	Rocks	Light	Forces and magnets
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**Year 3 – Plants**

**Knowledge**

- To know the functions of different parts of flowering plants.
- To know the requirements of plants, the life and growth and how they vary from plant to plant.
- To know the way in which water is transported in plants
- To know the part that flowers play in the lifecycle of plants

**Skills**

- **asking relevant questions and using different types of scientific enquiries to answer them**

This could be achieved by children asking questions from their prior knowledge in year 2 about the requirements of plants for life. Pupils will complete a fair test to investigate these requirements e.g. light, water, temperature.  
(Fair testing and observing over time)

- **using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions**

Pupils will draw conclusions from given data and use this to make conclusions about their own data. This will allow them to make predictions and raise further questions.  
(Pattern seeking)

**Vocabulary**

Pollination  
Seed formation  
Seed dispersal  
Transported  
Stamen  
Style  
Stigma  
Fertiliser  
Pollen  
Nectar

**Preload**

- Forces and magnets – discuss gravity and wind force in seed dispersal
- States of matter – gases: explore the requirements of plants (oxygen, nitrogen, carbon dioxide)