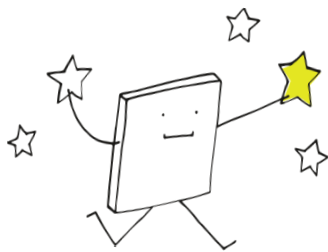




## Plants & Growing—KS2

### What is it About?

Understand the parts of a plant and how photosynthesis works. 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. Think about how plants adapt to their habitats.



### Key Words and Themes:

**Roots - Stem - Trunk - Leaves - Flowers - Fruit - Seed - Petal - Nutrients - Stamen - Anthar - Filament - Pollen - Carpel - Stigma - Xylem - Carbon Dioxide -Photosynthesis.**

### Activity Ideas and Links:

- Watch this BBC video about photosynthesis [www.bbc.co.uk/programmes/p03l162f](http://www.bbc.co.uk/programmes/p03l162f). To show this at work cover part of a leaf of a healthy plant with tape or paper, After a few days remove and observe what you see. The covered part will be darker as without sunlight the Chlorophyll goes.
- How does water travel through plants? If you can pick a flower (white is good such as a daisy), put the stem in a glass of water and add some food colouring. After a few hours see what happened!
- Have a look at different leaves in the garden or on a walk. Notice how different evergreen leaves are and think about how they are able to survive cold weather.

