

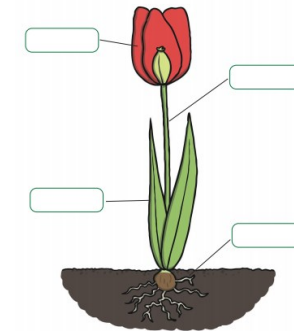
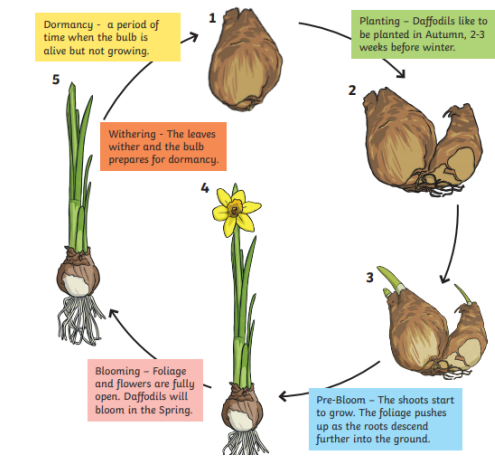
Year 2 - Science - Plants

Key Vocabulary

germination	When a seed produces a shoot or seedling
survival	Plants need nutrients, sunlight, water, air and the right temperature in order to live
reproduction	The production of a new offspring plant
bulbs and seeds	Bulb— underground bud or stem plant at resting stage Seed— a tiny plant covered in a layer protecting it formed through reproduction
comparative test	Spot the similarities and the differences between things and compare them through observing
lifecycle	Different stages of life for a living thing

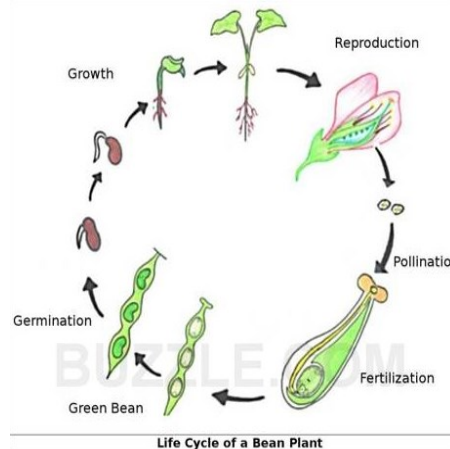
Plants

In this science unit we will be studying plants. In particular we will focus on what all plants need in order to grow healthily. The class will be setting up a comparative investigation - planting a seed in different conditions and look after each of them noting what a plant needs in order to survive (warmth, light, water and nutrition). We will then use our observations to write an instruction manual of how to look after a plant. The class will be able to identify the difference between seeds and bulbs and study the lifecycle of them both.



Home activities

- Plant a seed or bulb and keep a diary noting how it grows over time
- Look after any plants that you may have in your home already
- Go on a nature hunt around your garden or the local park spotting different plants and naming them
- Label each part of the plant (see diagram)
- Discuss the lifecycle of a bulb and seed (see diagrams)



Useful Websites

BBC bitesize all about plants <https://www.bbc.co.uk/bitesize/topics/zpxnyrd>

How does a seed become a plant <https://www.youtube.com/watch?v=tkFPyue5X3Q&safe=true>

Ideas on how to garden <http://www.thekidsgarden.co.uk/>

Go on a plant hunt: <https://www.woodlandtrust.org.uk/naturedetectives/>

Explore Kew Gardens <https://www.kew.org/kew-gardens/whats-in-the-gardens/the-childrens-garden>