



Key Knowledge & Vocabulary

Most plants share similar basic **parts**.

There are two main kinds of **trees** - **deciduous** and **evergreen**.


There are lots of different kinds of **plants** in Eleanor Palmer and in our local area.

All plants need **light** and **water** to make their own **food**. They use a process called **photosynthesis** to do this.

Different types of **trees** have different **leaves**, **bark** and **shapes**. These all help us to **identify** what type of tree it is.

Working Scientifically

Fair testing 

Observing over time 

Researching 

Classifying, identifying and comparing 

Exploring 

Seeking patterns 

Which did you use in science lessons and why?

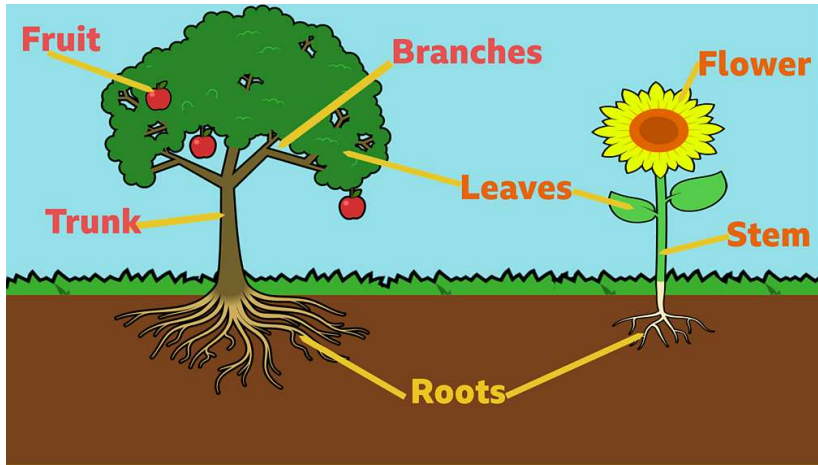
Key Concepts

Plant	Trees	Roots	Stem	Leaves	Growth
Trees and flowers are plants All plants are alive, just like animals. We can find plants in almost all parts of our planet. Some plants are in gardens, some plants are in the wild.	Because trees are living things, they breathe. But instead of using oxygen like we do, they take in carbon dioxide and breathe out oxygen! Deciduous trees lose their leaves in Autumn and regrow them in Spring. Evergreen trees keep their leaves	Roots hold plants in the soil and take in water.	The stem holds the plant upright and carries water. A tree's stem is called a trunk.	Leaves take in sunshine and make food for the plant. Most leaves are green - this is because they contain chlorophyll, a green chemical which helps the plant change light, carbon dioxide and water into food for the plant.	To grow healthily, all plants need some of the same things - water, light, the right temperature and air. Without enough of these four things, plants may wilt and die.

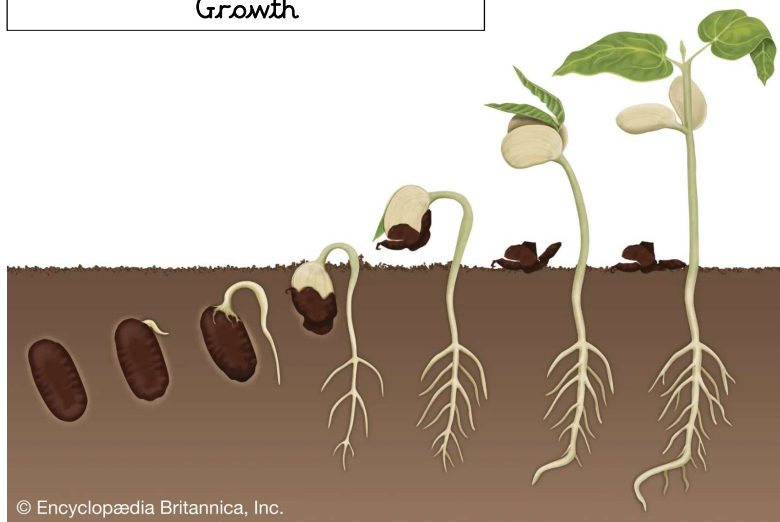
Linking Thinking Across Our Learning Journey

Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Plants	Plants	Plants	Living things and habitats	Plants	Classification	The Human Body	Living things and habitats

Parts of a plant



Growth



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Trees

