



## Year 3 Summer Term 2 - Plants

### Knowledge

Do all plants have the same structure? (Name the parts of a plant)

Do all plants have the same requirements for growth?

Why are the roots important to a plant?

How is water transported within plants?

What is the role of the flower in the life cycle of a flowering plant? (pollination, seed formation and seed dispersal)

How does a dandelion disperse its seeds?

### Skills

LI: to identify and group plants based on my observations (parts of a plant).

LI: to ask questions about plants requirements for growth and answer them using secondary sources (aloe vera, dandelion, moss, lavender, apple tree).

LI: To choose equipment which is best suited to observe and measure the growth of plants (different amounts of fertiliser/room).

LI: To record our finding using diagrams and use the information to say what we found out (water transportation experiment).

LI: To understand the different parts of the life cycle of a sunflower.

LI: to group plants based on the way their seeds are dispersed.

LI: to report on my findings from my investigation (different amounts of fertiliser/room).

**Enquiry approaches:** comparative/fair testing, research, identifying, grouping and classifying

**Vocabulary:** nutrients, soil, anchor, pollination, dispersal, transportation, carbon dioxide, oxygen, reproduction, photosynthesis

**Key scientist/inventor:** Jan Ingenhousz (Photosynthesis)