



St Leo's and Southmead
Catholic Nursery and Primary
School

Year
One

Science Knowledge Organiser

Summer
Term

Amazing Activities

Visit an allotment and/
or Stadt Moers

Key Concepts

A plant	A living thing that usually grows from the ground.
The main parts of a plant	<ul style="list-style-type: none"> • Flowers • Leaves • Stem • Roots
5 common plants to identify	Tulips Daffodils Roses Bluebells Foxgloves
The main parts of a tree	<ul style="list-style-type: none"> • Crown • Leaves • Twigs • Branches • Trunk • Roots
5 common trees to know	Ash Beech Birch Maple Oak

Some trees are evergreen which means their leaves are always green.

Some trees are deciduous which means they lose their leaves in the autumn and they grow back in the spring.

Plants

Skills

Ask simple questions and recognise that they can be answered in different ways.

Observe closely, using simple equipment.

Identify and classify.

Use their observations and ideas to suggest answers to questions.

Gather and record data to help answer questions.

Curriculum Links

Art—observational drawing and sketching

English - reading, speaking and listening, recording in words and sentences

Key Vocabulary

wild plants	A wild plant seed grows where it falls. It doesn't need to be planted or cared for as it grows.
garden plants	Garden plants are plants that people choose to grow in their gardens.
weed	Weeds are wild plants that grow in places where people don't want them.
deciduous	A deciduous tree loses its leaves each year.
evergreen	An evergreen tree keeps its green leaves all year round, even in the winter.
roots	Roots take in water and nutrients from the soil.
stem	The stem holds the plant up and carries the water and nutrients from the roots to the leaves and flowers .
leaves	Leaves catch sunlight to make energy.
flowers	Flowers attract insects and birds.
petals	Petals are the colourful part of the flower .
fruit	Fruit contains the plant's seeds . Sometimes humans try to grow fruit without seeds because it's easier to eat.
seed	Seeds grow into new plants.
bulb	Bulbs grow into new plants.