

Pashley Down Infant school—Knowledge Organiser



<b>Year 1</b>	<b>Subject:</b> Science	<b>Focus:</b> Plants Seasonal Changes Classification	<b>Term:</b> Autumn
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**Prior learning: What I should already know**

The lifecycle of a plant from seed or bulb. How we care for a plant. That the weather changes throughout the year. That the year is broken into seasons and name them.

Vocabulary	
<b>Season</b>	3 months of the year. Each season has different weather and temperature. The seasons are cyclical.
<b>Tree</b>	A woody plant with a trunk, branches and leaves.
<b>Deciduous</b>	A tree that loses its leaves in the Autumn as the tree goes to sleep over winter as it cannot make its own food.
<b>Evergreen</b> <b>Non deciduous</b>	A tree or bush that keeps its leaves green over Winter. Because they can make food all year round. They are usually waxy to protect the leaf and store water.
<b>Bulb</b>	A type of seed that can be planted to grow into a plant. They will die back each year, feeding the bulb and then growing again each year.
<b>Classification</b>	A system of organising plants and animals into groups depending on their origin.
<b>Birds</b>	An animal that is warm blooded, has a beak, wings, feathers, lay eggs, are omnivores and can usually fly.
<b>Carnivore</b>	An animal or bird that only eats meat.
<b>Herbivore</b>	An animal or bird that only eats plants.
<b>Omnivore</b>	An animal or bird that eats meat and plants.
<b>Warm blooded</b>	That the animal maintains a constant body temperature

**By the end of the unit I should know...**

- There are 4 seasons every year and name and describe the changes of Autumn and Winter.
- Identify local trees in our woods; Sycamore, Hawthorn, Ivy, Holly by their leaves and seeds.
- Understand the difference between deciduous and non deciduous trees.
- Identify the parts of a tree; trunk, roots, branches, leaves
- Identify parts of a plant; roots, stem, leaves, flower, seeds, fruit
- Identify parts of a leaf; stalk, veins
- To know how to plant a bulb and understand how long it takes to grow and why.
- To identify the features of a bird
- To understand how these features help us to classify them as birds
- To identify birds that are carnivores, herbivores or omnivores

