Science

All children – regardless of gender, starting point or background – will have the opportunity to engage with a high-quality science education. They will be equipped with the knowledge, skills and vocabulary to understand how science can be used to explain what is occurring, predict how things will behave and analyse caused. We intend to inspire a sense of enjoyment and curiosity about science.
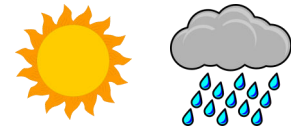
Seasonal Changes

Spring 2

Igniting Prior Knowledge:
Year 1—Autumn/Winter

- In the UK there are four seasons: Spring, Summer, Autumn and Winter.
- This term, it is Autumn then Winter.
- In Autumn, on some trees, the leaves will change colour and then fall off the tree
- Some plants will produce seeds, nuts or berries e.g. horse chestnut (conkers), pinecones, acorns, blackberries, apples.
- In winter, some trees are bare (have no leaves) and some trees/bushes are still green.
- The change in weather causes many other changes. Some examples are the types of animals found outside, seed and plant growth, leaves on trees, and where animals and plants live.
- In the UK, during autumn and winter, daylight length gets shorter each day (it gets light later in the morning and dark earlier).
- There are lots of different types of weather: rain, sun, cloud, wind, snow, sleet, hail etc
- Weather changes with the seasons - Autumn (colder, rain, sunny, windy) Winter (cold, sunny, rain/hail, snow/sleet, frost, fog)
- In the UK, it is usually colder and rainier in winter

Key Vocabulary:
Spring
Showers
Blossom
Flowers
Buds

New Knowledge:
- Spring follows winter
- It is now Spring
- In Spring, some trees begin to grow new leaves (buds)
- Plants begin to grow as it gets warmer
- Some plants will produce blossom/flowers
- Birds make nests to lay eggs in
- Many animals have young in spring
- In the UK, during Spring, daylight length gets longer each day
- Weather changes with the seasons—Spring (warmer, rain showers, sunny, frosty, snow)
- In the UK, it is usually warmer and there are more rain showers in Spring

Environmental Impact