



Science Topic: Seasonal Changes (The Seasons)

Year: 1 **Term:** Summer 1

Key Knowledge/Content:

- Weather can change.
- There are lots of different types of weather: Rain, Sun, Cloud, Wind, Snow etc.
- Days are longer and hotter in the summer.
- Days are shorter and colder in the winter.
- There are four seasons: Spring, Summer, Autumn, Winter.

Scientist Focus:

George James Symons (Meteorologist)

Famous for founding the British Rainfall Association and investigated rainfall.

Links to:

Prior learning:

To make simple observations about the materials around them, including those useful for a rainy day.

Future learning:

To understand how different materials can be used according to their properties, such as being waterproof and absorbent.

Key vocabulary with definition:

Prior vocabulary:

- Spring
- Summer
- Autumn
- Winter
- Snow
- Rain

New vocabulary:

- Windy
- Sunny
- Breeze- A gentle wind.
- Overcast- A covering of clouds over the sky.
- Temperature- How hot or cold it is.
- Rainfall- The amount of rain that has fallen.
- Daylight- The amount of time the sun is in the sky, causing light.
- Seasons- Changes in the weather and conditions throughout the year.
- Weather- The way the air and atmosphere feels.

By the end of this unit

All children can: **know** that the weather changes over the year and **identify** key weather patterns in different seasons.

Most children can: **identify** how animals adapt to different seasons and **compare** clothes worn throughout the year.

Some children can: **identify** how plants and trees change throughout the year and **identify** how the amount of daylight changes throughout the year.

Background understanding for teachers and parents:

This unit will look at the different seasons and the weather that might occur in each one. Children will explore how nature and animals adapt to different seasons and make observations in their local environment.

Curriculum Driver (one):

Healthy Lifestyle

Evidence outcome:

Understand some of the ways that we can protect ourselves in the sun.