



Jerry Clay Academy  
Subject Knowledge Organiser

Subject: Science (Seasonal Changes) Year Group: 1 Term: Spring 2

**Core Learning of This Unit:**

- To know that weather is the way the air and the atmosphere feels.
- To learn about the four seasons: Spring, Summer, Autumn and Winter
- To know that we call the general weather trends and the extremes of weather in one place a 'climate'.
- To explore that when something blocks light travelling from a source, a shadow is made
- To know that colder weather comes in Autumn and Winter and warmer weather comes in Spring and Summer.

**Prior Learning:**

EYFS: Similarities and differences in relation to places, objects, materials and living things.

Children should have knowledge of hot and cold.



**National Curriculum Statements:**

Pupils should be taught to:

- observe changes across the 4 seasons
- observe and describe weather associated with the seasons and how day length varies

**Key Vocabulary:**

- Observe
- temperature
- season
- elements
- shadows
- rainfall gauge
- rainfall
- precipitation
- Thermometer
- Climate
- Axis
- Tilt
- Orbit
- Sun
- Fog
- Rain
- Snow
- Warm
- Cool

**Significant People**

Anders Celsius was a Swedish astronomer and physicist. He published a collection of observations of the aurora borealis and built the Uppsala Observatory. He also invented the Celsius (or centigrade) thermometer scale

Weather forecasters will also be relevant to this topic.