

## Preston Primary School Knowledge Organiser

Topic: Science – Seasonal change, what is the impact of seasons changing?

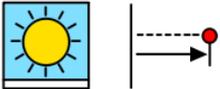


Term: Summer 2

Year: Unit 2 years 1 & 2

Duration: 7 weeks

The Powerful Knowledge we will take away from this Learning Enquiry (what will be learning):

	To be able to identify objects.
	To be able to observe and describe weather associated with the seasons
	To be able to gather data to answer a question using a thermometer
	To be able to observe closely, using simple equipment.
	To be able to observe and describe how day length varies.
 seasons	To be able to observe changes across the four seasons

Our Key Vocabulary:

Word	Image	Meaning
Seasons	 seasons	The different divisions of the year.
Temperature		The physical quantity of hot and cold.
Degrees Celsius		The quantity of heat on a scale.
Weather vane		Equipment that displays the weather.
Anemometer		A device that measures wind speed and direction.

### Books and websites for further research:



### Websites

BBC bitesize

David Attenborough

### Key Scientists:

**John Dalton (1766 – 1844)** – Famous for the amount of time he kept a weather diary for.

**Gabriel Fahrenheit (1686 – 1736)** – Inventor of the first modern thermometer.

**Inez Fung (1941 - )** – Studies climate change

### Progression of the learning

In Autumn 1 we learned what are the seasons and ordered them. We looked at the weather in each season and compared them with each other. The children explored daylight saving and the clock changes. We began gathering and recording data to suggest answers to our questions. We began recording in a range of ways and began to use simple scientific language.

In Key Stage 2 the children will choose how to record data. Children will record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables and bar and line graphs. They will report and present findings from enquires, including conclusions and explanations of results.

### Home learning:

Research what seasons look like in a different country or continent?

Create an experiment with a tool used to measure the weather.

Make a year poster that describes the seasons for the Penguins and Puffins.

Make a picture about the weather.