

Science Medium Term Plan
Year 1 Autumn Term 2

How do the seasons change?

What are the four seasons?

What is the weather like now?
(Complete weather diary/set up rain gauge)

**What are the signs of
Autumn?**

**How do we keep
warm?**
(clothing and animals)

**What happens in
Winter?**
(seasonal events/trees)

Substantive Knowledge

- Name all four seasons
- Know the months within each season
- Know about the type of weather in Autumn and Winter
- Observe and know about the changes that happen to the natural world in Autumn and Winter including weather and temperature, changes to trees, some leaves change colour and fall, some animals hibernate.
- To know the type of clothing we need in Autumn and Winter to keep us warm and dry
- To know the shortest daylight hours are in Winter.
- To know that Bonfire night happens in Autumn and Christmas happens in Winter

Disciplinary Knowledge

Working Scientifically

Observations over time

- Changes in temperature throughout the year
- Changes in rainfall
- Length of daylight throughout the year

Identifying and Classifying

- Seasonal events across the year
- Clothing needed for different seasons
- Changes to trees

Resources

- [tp-sc-081-planit-year-1-seasonal-changes-autumn-and-winter-planning-overview_ver_1.pdf \(twinkl.co.uk\)](#)

Vocabulary:

(including definitions)

Autumn

The time of year between September and November. Leaves fall off the trees and change colour.

Winter

The coldest season in the UK. Between November and February.

	Spring	Between March and May. There are usually signs of new growth in plants and animals.
	Summer	The hottest season in the UK between June and August.
	Temperature	A measurement of hot and cold using a thermometer.
	Weather symbol	Pictures and signs that help us understand the weather.
Prior Knowledge:		
Reception <ul style="list-style-type: none"> • The changes in the trees and leaves in Autumn • Summer is warmer, winter is colder • Exposure to weather symbols on morning calendar 		