Y1/2 Science: Seasonal changes

What should I already know?

- We live in the UK where there are four seasons called spring, summer, autumn and winter.
- Some of the changes which occur within each season e.g. winter is colder than summer
- Be able to describe the weather using words like sunny, rainy, windy.

Key Question: *How do things change in different seasons?*

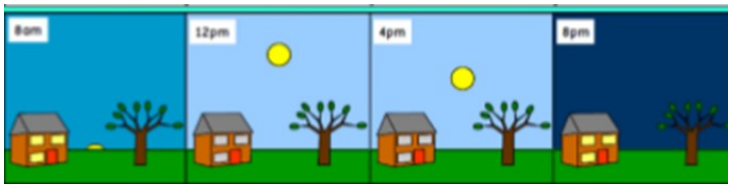
Key learning

- *To observe changes across the four seasons*
- *To observe and describe weather associated with each season*
- *To observe and describe how daylight varies across the seasons*

Children will be observing and describing the changes that occur in spring by exploring their outside environment. They will also discuss and describe the changes that occur in summer , autumn and winter.
Children will be measuring and recording the temperature and weather conditions, comparing changes in the weather on a weekly basis.
Children will learn how day length varies across the seasons and why this happens.
Children will investigate how shadows are affected by the seasons and time of day. They will also investigate how to measure wind direction.

Children will be using the following scientific skills:

- Asking simple questions and recognising that they can be answered in different ways.
- Observing closely, using simple equipment.
- Performing simple tests
- Using their observations and ideas to suggest answers to questions
- Gathering and recording data to help in **a**nswering questions.



Vocabulary

weather	what the sky and the air outside are like
season	a time of year with distinct weather
compare	to look for similarities and differences
observe	look at
investigate	To find out how or why something happens
temperature	how hot or cold something is
measure	find the size of something
orbit	the path an object takes in space when it goes around a star, moon or planet
shadow	a dark area or shape produced when something solid comes between rays of light and a surface
sun	the star around which the earth orbits
Earth	the planet we live on