

Knowledge Organiser Seasons Autumn/Winter Year 1/2

What I have already learnt ELG's

Understanding the Natural World

- I have explored the natural world around me, making observations and drawing pictures of animals and plants;
- I have learnt about some similarities and differences between the natural world around me and contrasting environments, drawing on my experiences and what has been read in class;
- I understand some important processes and changes in the natural world around me, including the seasons and changing states of matter.

Key skills I will learn/use

Working Scientifically

- I will learn to ask simple questions about the seasons of Autumn and Winter and recognise that they can be answered in different ways
- I will learn to observe closely, and use simple equipment
- I will learn to perform simple tests
- I will learn to identify and classify
- I will learn to use my observations and ideas to suggest answers to questions
- I will learn to gather and record data to help in answering questions

Key Vocabulary

Key vocabulary	
Weather	The state of the atmosphere at a particular place and time.
Seasons	Each of the 4 divisions of the year
Spring	The season after winter and before summer.
Summer	The season after spring and before autumn.
Autumn	The season after summer and before winter.
Winter	The season after autumn and before spring.
Weather forecast	A statement saying what the weather will be like today, the next day or for the next few days.
Rain	Water that falls from clouds in small drops.
Sun	A star that provides light and heat to the Earth.
Wind	A current of air moving across the Earth's surface.
Thunder	A sudden loud noise that comes from the sky during a storm.
Snow	The small, soft, white pieces of ice that sometimes fall from the sky when it is cold.
Cloudy	When the sky is full of clouds which make it seem darker.
thermometer	A device used for measuring temperature.
temperature	The measured amount of heat in a place.
United Kingdom	a country that includes England, Scotland, Wales and Northern Island

What I will have learnt by the end of this unit

- I can observe changes across the seasons of autumn and winter
- I can name seasonal events that happen during Autumn/Winter
- I can observe and describe weather associated with the seasons and how day length varies
- I can use my observations and ideas to answer questions
- I can gather and record data and use this to answer questions

My skills and knowledge that I may use from other subjects

Literacy- I can use my literacy knowledge to write about my findings

Geography- I can use my knowledge of the local area/the world to compare the weather patterns in different parts of the world

Mathematics- I can use my mathematical skills to make tables and charts about the weather; and make displays of what happens in the world around me

Opportunities for teaching Diversity, Equality (including protected characteristics) and expanding Cultural Capital

Compare weather patterns in different parts of the world

- Go for Countryside Walks and discuss seasonal changes
- Danby National Moor Centre Seasons in the park
An activity looking at wildlife through the seasons using pictures and an opportunity to handle animals and birds from a stuffed animal collection.

What I will have learnt by the end of my Key Stage

- I will have learnt to observe changes across the four seasons
- I will have observed and described the weather associated with the seasons we are in.
- I will demonstrate and understanding of how day length varies
- I will have learnt the symbols associated with weather
- I will have learnt to gather and record data in a number of ways using graphs, bar charts and diagrams



Recall and Remember

Can you answer these 6 questions in 6 minutes?

1. Can you name the 4 seasons?
2. What happens to trees during Autumn/Winter?
3. Can you name 4 events of the Autumn/Winter calendar?
4. Can you name 6 different types of weather?
5. What happens to trees in Autumn?
6. Can you name the months of Autumn/Winter

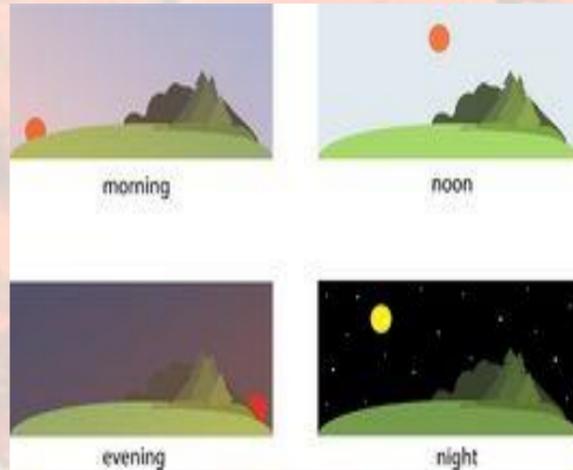
Knowledge Organiser Seasons Autumn/Winter Year 1/2

Key Knowledge

- Observe changes across Autumn/Winter
- There are different types of weather throughout the seasons
- There are symbols for different types of weather
- We wear different clothes in winter than in summer, and why we do this
- Different things happen in each of the seasons
- The weather affects our activities
- To observe and describe weather associated with the seasons and how day length varies

Key Scientific Concepts

Biology
Chemistry
Scientific Enquiry
Science for the future
Physics
Vocabulary



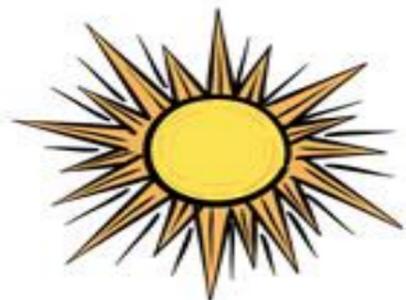
The Four Seasons

autumn
September
October
November

winter
December
January
February

spring
March
April
May

summer
June
July
August



sun



rain



wind



snow



thunderstorm