

PHYSICS

YEAR 1 and 2: Spring 1

How does the weather change in different seasons?

COVERAGE: How does the weather change in different seasons?

We will investigate the weather we have in the UK and then how the seasons change. We will also look at the affect it has on the trees and weather. We will be working scientifically at gathering data and making weather reports.

- Name the four seasons in order and describe the typical weather in each.
- Name some activities and events in the four seasons.
- Describe the appearance of a tree's leaves in each season.
- Recall that summer has the most daylight hours and winter has the least daylight hours.
- Record data about the temperature across the four seasons.
- Label a map of the UK with capital cities and seasonal weather symbols.

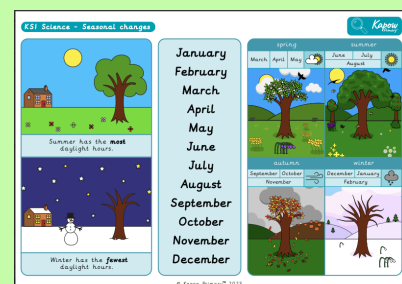
When working scientifically, pupils who are secure will be able to:

- Complete a pictogram and use it to answer simple questions.
- Record data about the temperature across the four seasons.

KEY LANGUAGE AND VOCABULARY:

deciduous tree
evergreen tree
season
weather

KNOWLEDGE AND FACT SHEET



KEY QUESTIONS:

1. Which season has the warmest weather?
(multiple choice)
2. In spring... (complete the sentence, multiple choice)
3. In autumn... (complete the sentence, multiple choice)
4. Which season has the fewest daylight hours?
(multiple choice)
5. Which season do you think this is and why?
(Picture shown on interactive board)

KEY SKILLS AND KNOWLEDGE

Posing questions

- Exploring the world around them and raising their own simple questions.

Predicting

- Suggesting what might happen, often justifying with personal experience.

Observing (qualitative data)

- Using their senses to describe, in simple terms, what they notice or what has changed.

Researching

- Gathering specific information from one simplified, specified source.

Recording (tables)

- Using a prepared table to record tally frequency.

Graphing

- Representing data using pictograms.

Analysing and drawing conclusions

- Using their results to answer simple questions.

To know:

- The name and order of the four seasons: spring, summer, autumn and winter.
- That it is unsafe to look directly at the Sun.
- The weather associated with the four seasons and how it changes (in the UK).
- That day length varies across the four seasons, with fewer daylight hours in the winter and more in the summer.

Science in action

To know:

- About a range of jobs and careers that use scientific knowledge and methods, e.g. weather reporter.

ENRICHMENT:

The children will do a series of fieldwork activities collecting data for their weather reports.

Visits: -

Previous Learning:

The children will have developed an understanding of the weather and seasons during their time in Reception., This is the first time they will explore these elements in more detail in Key Stage 1.

Future Learning:

The children will continue their understanding of plant development in Cycle A and Cycle B and the study of the sun in Year 3 and 4.

School Drivers to Examine

Children will look at:

- Care of the Environment = how can we look after the environment so we protect the weather we have in the country and the seasons that affect our environment.