



Knowledge Organiser: Year 1 Science – Autumn 1 – V4 2023



Children will know:

Seasonal Changes

- Name four seasons and identify when in the year they occur.
- Observe and describe weather in different seasons.
- Describe days being longer in summer and shorter in winter.
- Present data in tables charts and compare seasons.

Prior Learning Links:

EYFS – Nursery F1

- Shows curiosity and is interested to explore new and familiar experiences in nature.
- Begins to observe and talk about some of the things they have observed in nature.
- Begins to recognise the effect of changing seasons on the natural world around them.

EYFS – Reception F2

- Says what they can hear, see, and feel whilst outside.
- Shows curiosity in the environment around them inside and outdoors.
- Observes and talks about the changes in nature that they notice.
- Starts to talk about changes like the weather/ seasons.
- Names the four seasons and talks about their differences and impact on their lives.
- Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.

Future Learning Links:

Year 2 – Living Things & Habitats

Plants

Working Scientifically:

Pupils should be taught to:

- Notice similarities and differences within the seasons.
- Predict what colours are hiding in my leaf.
- Explain what winter feels like.
- Record different signs of spring using labelled diagrams and pictures.
- Evaluate a test by suggesting simple improvements.
- Ask simple questions about what is going on and make careful observations.

Key Vocabulary:

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| • Weather | • Winter | • Sunset |
| • Sunny | • Summer | • Day length |
| • Rainy | • Spring | |
| • Windy | • Autumn | |
| • Snowy | • Sun | |
| • Seasons | • Sunrise | |

Reading Recommendations

