



St. Francis Xavier's RC Primary School

Science Unit Guidance and Formative Assessment

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| Year Group: | 1 Autumn Term | Subject: | Science |
| Unit: | Seasonal Changes | Prerequisite Learning and Curriculum Links | <p>EYFS ELG The Natural World Explore the natural world around them, making observations and drawing pictures of animals and plants; know some similarities and differences between the natural world around them and contrasting environments; understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.</p> <p>Curriculum Links in Year 1</p> <p>Maths: Language of comparison (longer, shorter)</p> <p>Literacy: suffixes +est (longest, shortest)</p> |

ROCKS (Remembering Our Curriculum Knowledge and Skills)

There are four seasons: Spring, Summer, Autumn and Winter.

Know the temperature and weather associated with the seasons, such as the Summer is generally hotter with sunny weather and how the length of day varies.

To recognise natural changes which happen during the season, such as new flowers growing in spring.

To recall the months of the year in the correct order.

Progressive Journey:

To name the four seasons and recognise this is a yearly cycle.
 Explore the meaning of 'temperature' in relation to hot and cold weather.
 Clarify understanding of associated weather vocabulary such as 'overcast'.
 Explore how different seasons can affect animal and plant life, such as birds migrating to warmer climates in the Autumn.
 To recall the months of the year in the correct order.
 Compare countries around the world to understand different weather patterns.
 Explore daylight hours in relation to night and day.

Skills:

Observe and notice changes over time.
 Using scientific vocabulary to describe.
 Presenting data and knowledge using timelines, sentences and charts.
 Compare between two seasons or events.

Key Vocabulary

Seasons: Spring, Summer, Autumn, Winter, cycle, year
 Temperature: hot cold, warm, cool, hottest, coldest, thermometer
 Weather: sun, sleet, rain, showers, hail, fog, lightening, cloud (light, scattered, grey, white) overcast, snow, thunder, wind, storm, blizzard, sleet, frost, thunderstorm, typical
 Animals, plants, migrate, leaves, colour, fall, trees, hibernate, grow, blossom, fruit, bloom,
 Months: January, February, March, April, May, June, July, August, September, October, November, December
 day, night, length, shorter, longer, solstice