

Topic Name	Seasons and Holidays
Big Question	<a href="#">How do the seasons impact on what we do?</a>
Scientists to use as examples	Dr Steve Lyons, Holly Making ice, seeing how it melts- observing changes to ice/water. Measure rainfall. Green
Key Knowledge	observe changes across the four seasons ☑ observe and describe weather associated with the seasons and how day length varies
Key investigational skills	Pupils might work scientifically by: making tables and charts about the weather; and making displays of what happens in the world around them, including day length, as the seasons change. What is the weather link today? Comparing to different seasons. Short answers on post it notes, draw a picture, weather charts, taking pictures. Looking at the changes in weather and trees throughout the seasons. Seasons- naming and characteristics. Observing weather and talking about changes. Record rainfall in a table. Record favourite seasons. Record how many weather types we see in a month using a tally chart.
Vocabulary	weather, sunny, rainy, raining, shower, windy, snowy, cloudy, hot, warm, cold, storm, thunder, lightning, hail, sleet, snow, icy, frost, puddles, rainbow, seasons, winter, summer, spring, autumn, Sun, sunrise, sunset, day length
Prior learning – what children should know	Understand the key features of the life cycle of a plant and an animal. (Nursery – Plants & Animals, excluding humans) • Explore the natural world around them. (Reception – Seasonal changes) • Describe what they see, hear and feel whilst outside. (Reception – Seasonal changes) • Understand the effect of changing seasons on the natural world around them. (Reception – Seasonal changes)
Future learning – next time they will be learning	Recognise that light from the sun can be dangerous and that there are ways to protect their eyes. (Y3 - Light) • Use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky. (Y5 - Earth and space) • The seasons and the Earth's tilt, day length at different times of year, in different hemispheres. (KS3)
Visits	The Beach Nature Area
Book links	Lila and the secret rain – David Conway and Jude Daly The Winter King and Summer Queen – Mary Lister and Diana Mayo

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