

Science Skills Unit: Weather Patterns		Year: 1
<b>Science Skills Unit Overview</b>		
<ul style="list-style-type: none"> <li>• Pupils will start by learning the role of the sun, sunlight and shade on the Earth’s surface.</li> <li>• Pupils will observe temperatures and other weather conditions with the goal of learning to identify patterns based on the data they observe.</li> <li>• Pupils will learn about daily, weekly, and seasonal weather and how weather occurs in patterns.</li> </ul>		
<b>Key Vocabulary</b>		
Fair, measure, weather, observe, observation, temperature, thermometer Earth, sunlight, temperature, materials, observation, surface Cooler, shade. Sunlight, warmer, claim, evidence, measure, pattern Earth, heat wave, materials, shade, star, surface Design, problem, solution, materials, structure Melt, pattern, severe weather Cloudy, rainy, snowy, sunny, windy, meteorologist Month, pattern, rainy, snowy, season Data, predict, season, spring, summer, temperature, winter Blizzard, heat wave, hurricane, tornado Emergency siren, severe weather, smartphone, weather radio, forecast Blizzard, drought, evacuate, forecast, hail, heat wave, lightning, pattern, thunder, thunderstorm, tornado		
<b>Further reading list</b>		
<i>(Reading these commercial texts would support and enhance learning in this domain.)</i>		
<ul style="list-style-type: none"> <li>• Rain, Rain Go Away/ It’s Raining, It’s Pouring</li> <li>• Hot Days (Welcome Books: Weather Report) by Jennifer S. Burke</li> <li>• My World, My Seasons by Siobhan Dodds</li> <li>• Ruby's Rainy Day (Max and Ruby) (Board book) by Rosemary Wells</li> <li>• One Snowy Night/ After the Storm (Tales from Percy's Park) (Paperback) by Nick Butterworth</li> <li>• The Foggy Day (Postman Pat Story Books) (Paperback) by John Cunliffe</li> <li>• Goodnight Moon – Margaret Wise Brown (Archaic text)</li> <li>• My Shadow (poem) Robert Luis Stevenson (Archaic text)</li> <li>• The More it Snows (poem) – A.A.Milne (Archaic text)</li> <li>• Who has Seen the Wind (poem) – Christina Rossetti (Archaic text)</li> <li>• When the rain comes – Tom Pow (Non-linear time sequences)</li> <li>• The Summer My Father Was Ten – Pat Brisson (Non-linear time sequences)</li> </ul>		
<b>Independent Learning Project</b>		
<i>Pupils are asked to complete at least one independent learning project at home during the Science Skills Unit.</i>		
<i>Some suggestions are below.</i>		
Discuss what the weather is doing today. What do you think it will be like tomorrow? Explain how the weather makes you feel.	Record a weather diary on paper or on camera.	Write the names of the seasons. Can you put them in order? Draw a picture to show the difference in weather during each season.
Make a rain gauge and monitor the amount of rain that falls in your garden for a week.	Write an acrostic poem using either the word ‘Summer’ or ‘Weather’.	Make a Rainstick with a cardboard tube, paper, card, dry rice or beans.
Draw clothes you would wear for the different types of weather.	Write a weather report for a news program. You could draw a map with some weather symbols on too.	Find out about thunderstorms and what makes the thunder.