



Seasonal changes

Prior Learning: The weather is the state of the atmosphere at a particular place and time regards to heat, cloudiness, dryness, sunshine, wind, rain etc

P.O.S – Seasonal change

Concept – chemistry – chemical reactions

Facts	Vocabulary																		
<p>1. Definition of seasons: -</p> <ol style="list-style-type: none"> a) each of the four divisions of the year marked by particular weather patterns and daylight hours, resulting from the earth changing its position with regard to the sun. b) Winter – December, January, February c) Spring – March, April, May d) Summer – June, July, August e) Autumn – September, October, November 	<p>1. Season - from Latin satio(n-) 'sowing', later 'time of sowing', from the root of serere 'to sow'</p>																		
<p>2. Daylight:</p> <ol style="list-style-type: none"> a) Summer has the longest daylight in a day b) Winter has the shortest amount of daylight in a day 	<p>Weather symbols</p> <table border="1" style="width: 100%; text-align: center; border-collapse: collapse;"> <tr> <td>Sunny ☀️</td> <td>Cloudy ☁️</td> <td>Heavy rain 🌧️</td> </tr> <tr> <td>Heavy sleet 🌨️</td> <td>Heavy sleet showers 🌨️☀️</td> <td>Heavy snow ❄️</td> </tr> <tr> <td>Light rain 🌧️</td> <td>Overcast ☁️</td> <td>Rain showers 🌧️☀️</td> </tr> <tr> <td>Sleet showers 🌨️☀️</td> <td>Snow showers 🌨️☀️</td> <td>Sun with grey clouds ☁️☀️</td> </tr> <tr> <td>Heavy rain showers 🌧️☀️</td> <td>Heavy snow shower 🌨️☀️</td> <td>Scattered clouds ☁️</td> </tr> <tr> <td>Sun with light clouds ☁️☀️</td> <td></td> <td></td> </tr> </table>  <p style="text-align: center;">Spring Summer Autumn Winter</p> 	Sunny ☀️	Cloudy ☁️	Heavy rain 🌧️	Heavy sleet 🌨️	Heavy sleet showers 🌨️☀️	Heavy snow ❄️	Light rain 🌧️	Overcast ☁️	Rain showers 🌧️☀️	Sleet showers 🌨️☀️	Snow showers 🌨️☀️	Sun with grey clouds ☁️☀️	Heavy rain showers 🌧️☀️	Heavy snow shower 🌨️☀️	Scattered clouds ☁️	Sun with light clouds ☁️☀️		
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<p>3. Usual weather in the seasons:</p> <ol style="list-style-type: none"> a) Winter - snow or ice or cold rain b) Spring - warmer, often wetter and increased rainfall, can cause flooding. c) Summer - temperatures may increase to their hottest of the year. d) Autumn - temperatures cool again 																			
<p>4. Temperate climate:</p> <ol style="list-style-type: none"> a) The UK has a temperate climate which means not extreme – not burning hot or too cold 																			
<p>5. Changes in the seasons:</p> <ol style="list-style-type: none"> a) Winter – animals find ways to warm themselves, and may have changed their appearance to adapt b) Spring - animals wake or return from warmer climates, often with newborns. Seeds take root and plants begin to grow. c) Summer - If the temperature goes high, heat waves or droughts may cause trouble for people, animals, and plants. d) Autumn - Plants may begin to grow inactive. Animals might prepare themselves for the upcoming cold weather, storing food or travelling to warmer regions 																			
<p>6. Danger from the sun:</p> <ol style="list-style-type: none"> a) It is not safe to look directly at the sun even when wearing dark glasses 																			
<p>Websites:</p> <p>https://www.bbc.com/bitesize/articles/zmhw7p3</p> <p>https://www.bbc.com/bitesize/articles/zcx3gk7</p> <p>https://www.bbc.com/teach/class-clips-video/science-ks1-ks2-wonders-of-nature-the-changing-seasons/zh4rkmm</p>																			