

KS1 Science Knowledge Organiser

Topic: Seasonal Changes – Year 1 Unit

Key questions:

















- Can you observe changes across the four seasons?
- Can you observe and describe weather associated with the seasons and how day length varies?

Key Information

Weather

Weather is the way the air and the atmosphere feels. It includes the outside temperature, strength of the wind, and whether it is raining, sunny, hailing, snowing, sleet, foggy, or cloudy. The weather changes regularly and tends to be different during different seasons and across different countries.

Weather symbols

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 		

Seasons

There are four seasons: Spring, Summer, Autumn and Winter. The length of a day varies depending on the season.



Did you know...?

- The UK has what is called a 'temperate' climate. A temperate climate is one that is not too extreme.
- Plants lose their leaves in autumn in response to decreasing length of the day.
- Animals find the winter hard because it is difficult for them to find food.
- Some trees remain green in all four seasons.

Key vocabulary

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| <ul style="list-style-type: none"> • Weather (sunny, rainy, windy, snowy etc.) • Seasons (autumn, winter, spring, summer) • Phenologist (Someone who studies the change in seasons) • sun • sunrise and sunset • day length | <ul style="list-style-type: none"> • temperature • observation • collection |
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