

Rotherhithe Primary School - Science

Topic: Seasonal Changes

Year: 1

Strand:

What should I already know?

- Distinguish between the difference weathers.
- Distinguish the different seasons.
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What will I know by the end of the unit?

What is the 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.
What are the different seasons?	There are four seasons: Spring, Summer, Autumn and Winter. The length of a day varies depending on the season.
What is the climate?	We call the general weather trends and the extremes of weather in one place a 'climate'.
What is a shadow?	When something blocks light travelling from a source, a shadow is made.

Rain	Comes from clouds; wet liquid; different types of clouds produce different intensities of rain.
Snow	Comes from cold clouds; solid water; always has a hexagonal shape (an ice crystal grows in this pattern).
Sun	Clear day; depending on where the sun is in the sky controls how hot it is.
Hail	Frozen rain (not a crystal like snow).
Hurricane	High winds, lots of rain.
Tornado	High winds that swirl around violently

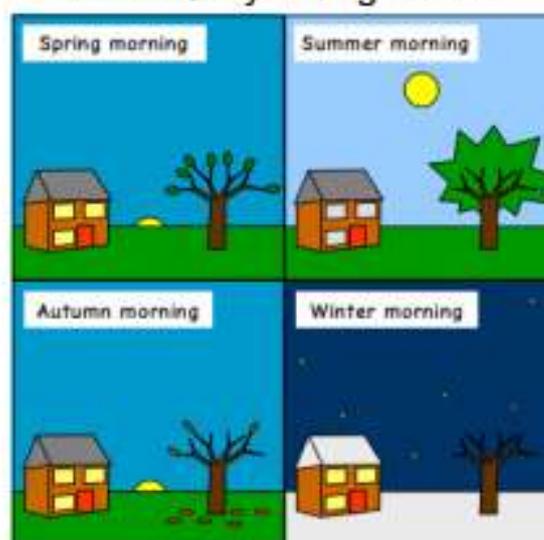
Weather symbols

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 		

Vocabulary

observe	to watch closely or make a systematic observation of.
temperature	the degree of heat or cold of a body or an environment.
season	one of the four distinct periods of the year; spring, summer, fall, or winter.
shadows	the image cast on some surface by a person or thing blocking the light of the sun or another source of illumination.
Rainfall	the amount of rain falling within a certain time period, considered in units of depth.
participation	the act or an instance of participating
Thermometer	an instrument for measuring temperature, esp. a sealed glass tube with a calibrated scale on the outside and a column of liquid, usu. mercury, inside that rises or falls as the temperature changes.
climate	the weather conditions most prevailing in a place, averaged over several years.

In the UK you might see:



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Question 1

Question 2

Question 3

Question 4

Question 5