
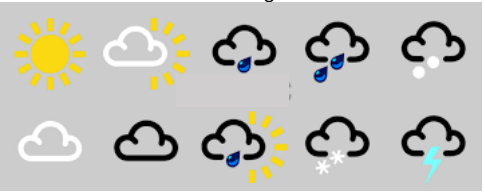


Key Knowledge	
What are the seasons?	 <p>Winter Spring Summer Autumn</p>
<p>Autumn: cooler temperatures, wind and rain; the length of the day becomes shorter; leaves fall off deciduous trees.</p> <p>Winter: the coldest time of the year when it is windy and rains or sometimes snows; the length of the day is the shortest; few plants grow.</p> <p>Spring: the temperature begins to warm up and the days become longer; plants start to grow again.</p> <p>Summer: the warmest time of the year, with most sunshine and the longest days; fruit ripens.</p>	
How do you describe the weather?	Weather is described in terms of temperature, cloud cover, rain, sun. It is depicted using symbols.
How does the temperature vary through the year?	Colder weather comes in autumn and winter. Warmer weather comes in spring and summer.
How do the hours of daylight vary through the year?	Our days of sunlight are longest in the summer and shortest in the winter.
How do you measure rain fall?	We use a rain gauge to measure the amount of rain that has fallen in a day, usually in centimetres (cm).
How do you measure temperature?	We use a thermometer to measure the temperature in degrees Celsius (°C).
What is a results table used for?	We record the measurements (rain fall, temperature, etc) in a table – a series of rows and columns.

Investigate
<p>How would you describe the weather today?</p> <p>How does the temperature vary through the week?</p> <p>How much rain has fallen this week?</p>
Diagram
<p>Weather Symbols</p> 

Key Vocabulary	
autumn	September, October and November – In autumn , the amount of time it is light becomes less, the leaves start to change colour and fall off the trees; it becomes cooler than in summer.
cloud	A cloud is a large collection of very tiny droplets of water or ice crystals. The droplets are so small and light that they float in the air.
°C	Degrees Celsius – a unit of temperature.
frost	Frozen drops of water on the ground.
month	The year is divided into twelve months, each 30 or 31 days, except for February that has either 28 or 29 days.
rain	As clouds grow in size, the tiny water droplets they are made of join together and become heavy. They then fall to earth as rain.
seasons	The seasons are four different times during the year with different types of weather. They are spring, summer, autumn and winter, and are caused by the earth's orbit around the sun, its rotation on its axis, and its tilt.
shower	A shower is fast, heavy rain that only lasts a short while.
snow	Snow occurs when water vapour in the air freezes before it can turn into water. This happens when the temperature in the clouds is very cold. Snowflakes are made up of crystals of ice that form around bits of dirt in the air.
spring	March, April and May - in spring the weather usually turns warmer, trees begin to grow their leaves, plants start to flower and young animals such as chicks and lambs are born.
summer	June, July and August - in summer the weather is usually warm, trees have full green leaves, and it is light for longer during the day.
sun	The Sun is a star. It gives out heat and light and makes life possible on Earth. The heat and light from the Sun is felt and seen on Earth.
temperature	Temperature measures the level of heat. When the level is very low, we say it is cold; when the level is very high, we say it is hot.
winter	December, January and February - in winter we have colder weather, sometimes snow and frost, the trees have no leaves and the amount of time it is light during the day is at its shortest.
year	A year is the time taken by the Earth to make one revolution around the Sun.