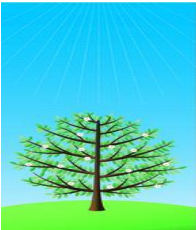














Science: Seasonal Changes	Year 1	Term 2 (and throughout the year)
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KEY VOCABULARY	
Season	Seasons are divisions of the year, defined by changes in weather and the position of Earth in its orbit around the Sun.
Temperature	A degree of hotness or coldness can be measured using a thermometer.
Climate	We call the general weather trends and the extremes of weather in one place a 'climate'.
Weather	Weather is the way the air and the atmosphere feel. It includes the outside temperature, strength of the wind, and whether it is raining, sunny, hailing, snowing, sleeting, foggy, or cloudy. The weather changes regularly and tends to be different during different seasons and across different countries.
Forecast	A prediction, or a good guess, about the future. Weather forecasting is when scientists predict what the weather in the near future will be.
Shadow	A dark area on a bright surface. It is caused by something blocking a source of light.
Hibernate	<i>Hibernation</i> occurs when an animal becomes inactive, or "sleeps," during the short, cold days of winter.
Migrate	The movement to another place, often of a large group of people or animals.

The 4 seasons	
	<p>Spring: March, April and May</p> <p>Temperatures rise and the earth starts to warm up. Flowers begin to grow. Rebirth and growth, some baby animals are born (e.g. lambs, chicks).</p>
	<p>Summer: June, July and August</p> <p>The hottest time of the year. There is usually sunshine, generally dry weather but there may be thunderstorms too! Flowers and trees are in bloom.</p>
	<p>Autumn: September, October and November</p> <p>Harvest time is in this season. Temperatures drop. Skies can be overcast. Birds migrate to warmer climates. Leaves change colour and fall from deciduous trees.</p>
	<p>Winter: December, January and February</p> <p>The coldest time of year. Sometimes we see frost in the morning, sleet, blizzards, and hail. Water freezes to ice. Many plants stop growing. Some animals including hedgehogs and tortoises hibernate.</p>

Equipment for Measuring different types of weather conditions

		
<p>A THERMOMETER is used to measure the temperature. It will inform us how hot or cold it is. TEMPERATURE can be recorded as degree Celsius or Degree Fahrenheit.</p>	<p>A WIND VANE is an instrument that determines the direction from which the wind is blowing. An ANEMOMETER measures wind speed. The cups catch the wind, turning a dial attached to the instrument. The dial shows the wind speed.</p>	<p>A RAIN GAUGE is an instrument used to gather and measure the amount of liquid precipitation over a set time.</p>

Rain	Snow	Cloud	Sun	Storm	Wind
					

Cloud	Cloud name
	<p>Cimus (white, thin and wispy)</p>
	<p>Cumulus (white, fluffy)</p>
	<p>Stratus (grey, cover the whole sky)</p>