



Key information

When the seasons change, we see the weather pattern change.

Autumn is when the leaves fall off the trees.

Dropping the leaves gives the plant a fresh start in the spring, and the nutrients from the decaying leaves are recycled to help grow the next leafy generation.

The weather patterns and temperature in the United Kingdom changes with each season change.

The United Kingdom is made up of four different countries. England, Scotland, Wales, and Northern Ireland.

We can see different weather patterns depending on where in the country we live.

The Weather and the Changing of the Seasons.



	Sunny
	Sunshine with cloud
	Cloudy
	Raining
	Thunder
	Windy
	Snow

Scientific Information

Leaves can make food for the trees.

A leaf's job is to turn sunlight into food for the tree. There are different hours of daylight each month. Day length changes each day.

Weather symbols describe the type of weather we are seeing.

Rainwater falls from clouds in small drops.

The sun is a star that provides light and heat to the Earth.

The wind is a current of air moving across the Earth's surface.

Thunder is a sudden loud noise that comes from the sky during a storm.

Snow is the small, soft, white pieces of ice that sometimes fall from the sky when it is cold.

It is cloudy when the sky is full of clouds which make it seem darker.

A shadow is caused by blocking a source of light.

Vocabulary

weather	The weather includes the temperature outside, the wind direction and strength as well as rain, cloud, snow and sun.
temperature	The measured amount of heat in a place.
Weather forecast	A statement saying what the weather will be like today, the next day or for the next few days
seasons	There are four seasons each year, spring, summer, autumn and winter.
spring	The season after winter and before summer.
summer	The season after spring and before autumn.
autumn	The season after summer and before winter.
winter	The season after autumn and before spring
country	An area of land lived in by people with a common government.
daylight	This is when it is light outside. The amount of daylight changes with each season.
thermometer	A device used for measuring temperature.

The Four Seasons

Autumn	Winter	Spring	Summer
September	December	March	June
October	January	April	July
November	February	May	August

What I will know

What I already know

The country I live in is called England.
Where the United Kingdom is and how to locate it on a map.
There are different types of weather.
The days get darker in winter and its feels colder.
I wear different clothes as to how hot or cold I feel.

What is weather and seasonal changes

The weather patterns are different in each season. A weather forecast is a statement saying what the weather will be like today, the next day or for the next few days. Weather forecasts use different symbols. When the season changes the daylight changes and we may see rainfall changes. You can record the temperature using a thermometer to see how warm or cold it is.

How will I find out?

Look at maps to find my and other locations.
Create a rain gauge to measure rainfall.
Create a temperature box to measure temperatures.
Create a windsock to measure wind direction.
Observe shadows and see how they change.