



Key People/Scientist



George James Symons (1838-1900)
He was a British meteorologist who founded and managed the British Rainfall Organisation.



Paul David Hudson (Born 1971)
He is an English weather presenter for BBC Yorkshire and Lincolnshire.

Key Questions

What changes occur across the four seasons?

In autumn, the leaves change colour and fall from the trees. The weather becomes cold in winter but begins to warm in spring. Summer is the hottest season.

What type of weather would you expect to see in each season?

In the summer, the weather is hot and sunny. Through autumn the weather cools and winter is the coldest season. In spring the weather begins to warm up.

How does the day length vary over the year?

In summer the days are longer and in winter the days are shorter.

What extreme weather occurs around the world?

The weather can be different around the world. Extreme weather can be tornados, hurricanes, floods and droughts.

Misconceptions/Key Facts

Misconception:

Every country has the same four seasons at the same time of year.

Fact:

Not all countries around the world have four seasons. Some countries have as little as two seasons that alternate throughout the year.

Safety:

It is not safe to look at the sun, even when you are wearing sun glasses.

Diagrams/Visual Aids

Weather symbols			
Sunny		Sun with grey clouds	
Cloudy		Scattered clouds	
Heavy rain		Snow showers	
Heavy rain showers		Rain shower	
Heavy snow		Thunder storm	



Key Vocabulary

autumn	The season between summer and winter when the weather becomes cool and the leaves fall off the trees.
clouds	Clouds are usually white or grey in colour and float in the sky.
drought	A long period of time during which no rain falls.
flood	A large amount of water, which covers land.
hurricane	Extremely violent wind or storm.
lightening	A very bright flash of light in the sky that happens during thunderstorm.
seasons	There are four seasons: spring, summer, autumn and winter.
spring	Is the season between winter and summer when the weather becomes warmer and plants start to grow.
summer	Is the season between spring and autumn when the weather is usually warm or hot.
thunder	A loud rumble or crashing noise heard after a lightening flash.
tornado	A violent windstorm, which can cause a lot of damage.
winter	Is the season between autumn and spring when the weather is usually cold.