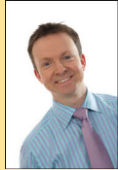




### Key People/Scientist



**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

<b>What changes occur across the four seasons?</b>	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.
<b>What type of weather would you expect to see in each season?</b>	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.
<b>How does the day length vary over the year?</b>	In summer the days are longer and in winter the days are shorter.
<b>What extreme weather occurs around the world?</b>	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

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