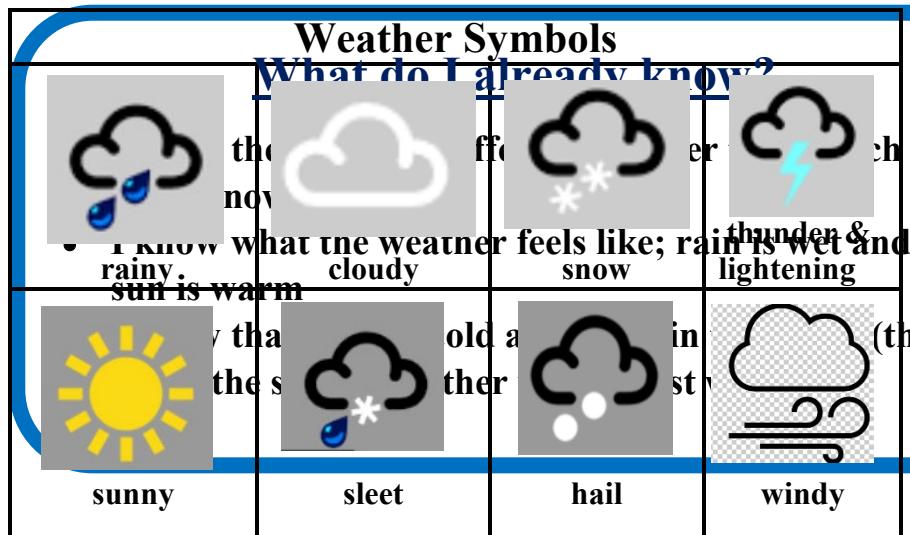


# Knowledge Organiser: Science and Geography, Weather and Seasons

## Important Topic Vocabulary

<b>weather</b>	How hot, cold, windy, wet or dry it is outside.
<b>climate</b>	What the weather is usually like in a given place over a long time.
<b>temperature</b>	How hot or cold it is.
<b>season</b>	These are the 4 parts of the year that have particular weather patterns and hours of daylight.
<b>daylight</b>	Light from the Sun.
<b>hibernate</b>	When animals sleep through winter and wake up in spring
<b>symbol</b>	A picture which has a meaning.

Turn on your TV and watch your local weather report.  
Can you spot any of the weather symbols below?



The 4 seasons of the year	
	
<b>Spring</b>	<b>Summer</b>
In <b>spring</b> , the weather can be <b>changeable</b> . April is known for its <b>showery</b> weather followed by sunshine. <b>Temperatures</b> rise during <b>spring</b> along with the <b>hours of daylight</b> . Spring flowers start to grow and leaves begin to open. Baby animals are born. Spring takes place in <b>March, April and May</b> .	In <b>summer</b> , the weather is usually <b>warm</b> . Trees have full green <b>leaves</b> and the amount of time it is light for during the day is <b>longer</b> . The hottest <b>temperatures</b> in the UK take place in summer. Summer takes place in <b>June, July and August</b> .
	
<b>Autumn</b>	<b>Winter</b>
In this <b>season</b> , the hours of daylight get <b>shorter</b> and shorter. In <b>autumn</b> , the <b>weather</b> changes all the time. The leaves <b>change colour</b> and fall off the trees. The <b>weather</b> turns cooler and is often <b>windy</b> and <b>rainy</b> . Some animals, like hedgehogs, <b>hibernate</b> . Autumn takes place in <b>September, October and November</b> .	In <b>winter</b> , we have colder weather and sometimes it <b>snows</b> and can be <b> frosty</b> . The trees have no <b>leaves</b> and the amount of time it is light during the day is at its shortest. The coldest <b>temperatures</b> in the UK take place in <b>winter</b> . Winter takes place in <b>December, January and February</b> .

## Suggested Activities:

- Keep a weather diary.
- Go on an autumn walk.
- Talk about the weather each day.
- Watch the weather forecast on television.

- Talk about the clothes you would wear for different types of weather.
- Make a season's tree.
- Make a weather mobile.

Think about the 4 seasons: spring, summer, autumn and winter. What clothes would you wear in each season and why?



## Wonderful Websites

- <https://www.bbc.co.uk/bitesize/topics/zkvv4wx>
- <https://teachers.thenational.academy/units/seasons-and-change-3c8a>
- <https://www.youtube.com/watch?v=RmSKsyJ15yg>
- <https://www.youtube.com/watch?v=ksGiLaIx39c>
- <https://www.weatherwizkids.com/>
- <https://www.bbc.co.uk/weather>
- <https://www.bbc.co.uk/news/av/entertainment-arts-21034217/how-to-make-clouds-indoors-the-art-of-berndnaut-smilde>
- <https://www.letsplaykidsmusic.com/rainy-day-nursery-rhymes/>

## Brilliant Books

**The Wind Blew – Pat Hutchins**

**Elmer and the Wind – David McKee**

**Mr Gumpy's Outing – John Burningham**

**Little Cloud – Eric Carle**

**See Inside Weather and Climate – Usborne**

