

Ideas Organiser: Our Wonderful World



Key Knowledge:

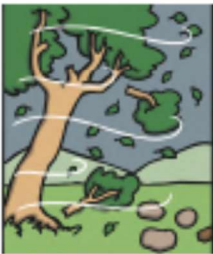
Our Weather

The weather in the **United Kingdom** can change from day to day. The four **seasons** have particular weather patterns. You could keep a weather diary by measuring the **temperature** (using a **thermometer**) and **recording** your **observations**.





Seasonal Changes



There are changes in weather in each **season**. In spring, it is often rainy and the **temperature** begins to get warmer.



In summer, the sun is much stronger. The **temperature** is warmer than in any other **season**.



In the autumn, the weather turns chillier, windier and there is often rain.



In the winter, it is often cold and frosty. It has to be freezing cold to snow.

How the Weather Affects Us

The weather **affects** what we do and what we wear. If it is rainy, we wear **waterproof** clothes when we go outside.



If it is hot, we need to wear sun cream and a sun hat.



Vocabulary and background knowledge:

Weather:

weather forecast	A prediction of what the weather will be like in the future.
symbols	Pictures or signs that help us understand something.
drought	When there is no rainfall for a long time.
flooding	When usually dry land is covered with a large amount of water.
blizzard	A very heavy snowstorm with high winds.
heatwave	Unusually hot weather over a long period.
hurricane	A storm with extremely strong winds.
climate	The usual weather conditions of an area.
seasons	The year is divided into four seasons : spring, summer, autumn and winter.

Seasons:

Autumn the weather begins to get colder, leaves start to fall off trees and the amount of daylight becomes less. Days are shorter, nights are longer.

Winter The weather is much colder, sometimes it is cold enough to freeze, leave frost or ice. Sometimes it snows, trees have bare branches and daylight hours are the shortest.

Spring The weather starts to get warmer, The leaves begin to grow on trees and flowers start to blossom. Plant starts to grow and you may see baby animals. Daytime gets longer.

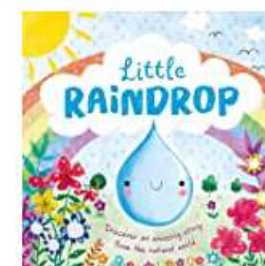
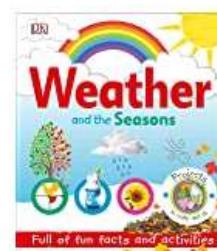
Summer Days get longer and nights get shorter. The weather gets hotter. The trees are full of leaves and lots of insects fly around. Summer has the longest days.

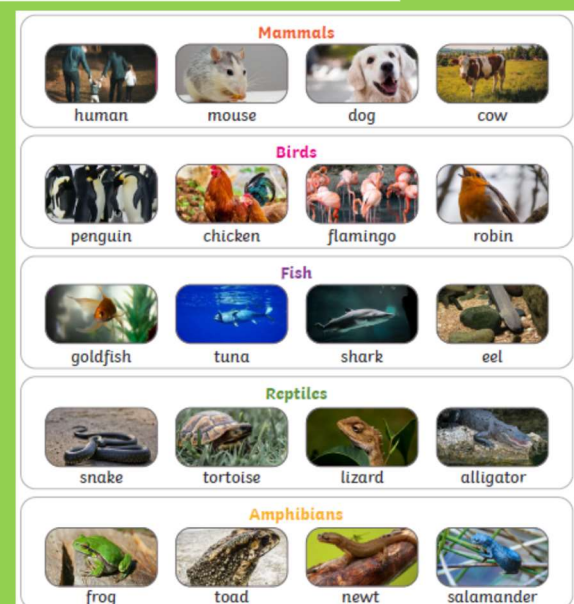
Weather The weather includes temperatures outside, the wind direction and strength, as well as snow, rain, cloud and sun.

Daylight

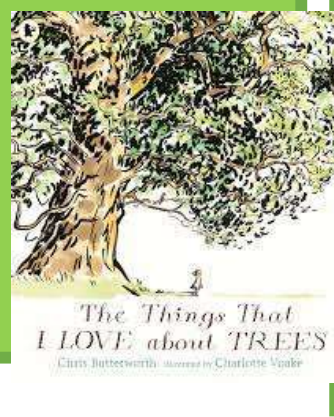
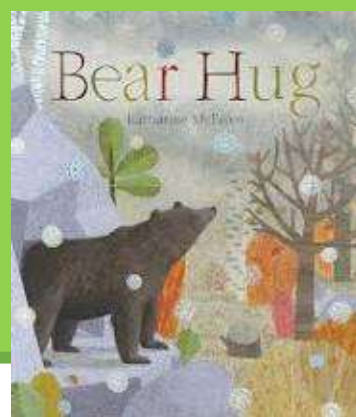
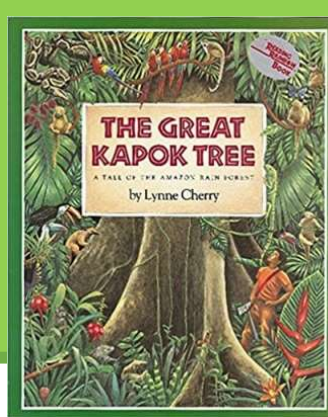
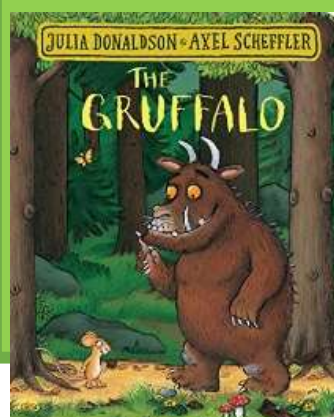
Is when it is light outside. The amount of daylight changes with the season.

Recommended Reads:





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Vocabulary and background knowledge:

Wild Plants	A seed that grows where it falls. It doesn't get planted or cared for as it grows.
Garden Plants	Plants people chose to grow in their gardens, they tend to them and look after them.
Roots	Part of the plant that takes in nutrients and water from the soil.
Stem/trunk	Holds the plant or tree up and carriers the water and nutrients from the roots to the leaves.
Leaves	Catch sunlight and make energy.
Seeds and bulbs	New plants grow from these.
Amphibians	Animals that live in the water as a baby but on land as they grow older.
Birds	Birds have two legs, a beak, feathers and wings.
Fish	Animals that live and breathe under water. They have fins and scaly skin.
Mammals	Animals that breathe air, grow hair or fur and feed from their mother.
Reptiles	Animals that breathe air and have scaly skin.
Carnivore	Animals that eat meat only.
Herbivore	Animals that eat plants only.
Omnivore	Animals that eat meat and plants.

Making Links:

D&T:

Making a Weather Vane

Making a bird feeder

English:

Write a weather report & perform weather reports

Write a narrative – Squirrel Hug

Maths:

Measuring length of plants and animals

PSHE:

Connect with nature, being responsible – planet responsibility

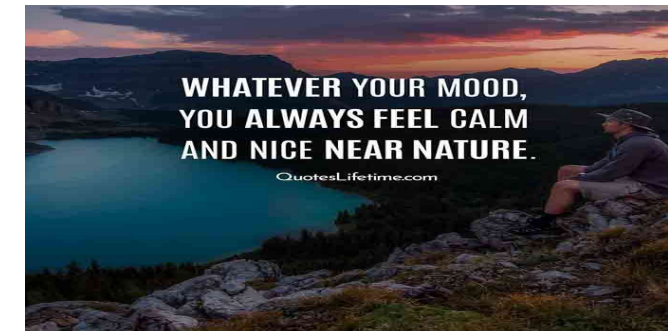
British Values

Mutual Respect – Respecting our environment and nature, looking after our environment to reduce climate change across the globe

Tolerance – understand others opinions on the best season/weather



Values & attitudes we can always show in this project:



The World beyond our doorstep...

Quality Outcomes & Experiences:

- Create own weather station
- Write a weather report
- RSPB Wild Challenge & Big Bird Watch
 - Make a bird feeder
 - Trip to Rand Farm
- Grow own plants for outdoor area

Local

National

International

• Changes in seasons and day light hours - what is our daily weather like?.

• Why do we have to change our clocks?

• What is happening in the world because of climate change?