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| **Alderley Edge Community Primary School** |
| **TOPIC: Weather and Seasons (climate change)** | **Strand: Physical Geography**  | **Year 2** |

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| **What should I already know?**  |
| * The seven **continents** and five **oceans.**
* The 4 seasons of the UK and their features
* The **climates** of Kenya in the **continent** of Africa and the UK in the **continent** of Europe
* The climates and vegetation and animals of deserts and polar regions
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| **What will I know by the end of the topic?**  |
| * That climate tells us the general temperature and rainfall for a large area and weather is localised to an area
* Climate is long term (linked to seasons) and weather is short term
* Some of the symbols used to record weather
* That seasons are longer term and have typical patterns for temperatures and rainfall
* That weather will influence the types of plants and animals that live in the area
* That weather will influence human behaviour such as the types of houses, what we wear
* To know that man-made pollution is changing the climate
* To know that climate change will affect weather and change animals and plants in the environment
* To know what we can do to stop climate change
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| **Geographical Skills and Fieldwork** |
| * Make own weather station to record data
* Record weather data – rainfall, temperature and wind speed for the period
* Record in tables and graphs
* Make comparisons between days and weeks
* Know and use symbols to record weather
* Present weather and seasons findings
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|  | **Vocabulary**  |
| biome  | a natural area of the living world which has its own **climate,** **vegetation** and animals  |
| climate  | the [general](https://www.collinsdictionary.com/dictionary/english/general) weather conditions that are typical of a place  |
| climate  | The long term temperature and rainfall of an area  |
| continent  | a very large area of land that consists of many countries. Europe is a **continent**.  |
| deciduous  | a tree that [loses](https://www.collinsdictionary.com/dictionary/english/lose) its leaves in the [autumn](https://www.collinsdictionary.com/dictionary/english/autumn) every [year](https://www.collinsdictionary.com/dictionary/english/year)   |
| desert  | a large area of land, usually in a [hot](https://www.collinsdictionary.com/dictionary/english/hot) region, where there is almost no water, [rain](https://www.collinsdictionary.com/dictionary/english/rain) or **vegetation**  |
| equator  | an [imaginary](https://www.collinsdictionary.com/dictionary/english/imaginary) [line](https://www.collinsdictionary.com/dictionary/english/line) around the [middle](https://www.collinsdictionary.com/dictionary/english/middle) of the Earth at an equal [distance](https://www.collinsdictionary.com/dictionary/english/distance) from the North Pole and the [South](https://www.collinsdictionary.com/dictionary/english/south) Pole.  |
| evergreen  | a tree or [bush](https://www.collinsdictionary.com/dictionary/english/bush) which has [green](https://www.collinsdictionary.com/dictionary/english/green) leaves all the year [round](https://www.collinsdictionary.com/dictionary/english/round)   |
| forest  | a large area where trees grow close together  |
| globe  | a ball-shaped object with a map of the world on it  |
| grassland  | a large area covered by wild grass  |
| humid  | a **climate** that is very hot and damp  |
| ocean  | one of the five very large areas of salt water on the Earth's surface.  |
| poles  | the two opposite ends of Earth at its most northern and [southern](https://www.collinsdictionary.com/dictionary/english/southern) points  |
| polar | Area around the north and south poles |
| rainfall  | the amount of rain that falls in a time period  |
| rainforest  | a [thick](https://www.collinsdictionary.com/dictionary/english/thick) forest of tall trees which is found in tropical areas  |
| temperate  |  a place which is [neve](https://www.collinsdictionary.com/dictionary/english/never)[r extremely](https://www.collinsdictionary.com/dictionary/english/extremely) [hot](https://www.collinsdictionary.com/dictionary/english/hot) or extremely [cold](https://www.collinsdictionary.com/dictionary/english/cold)   |
| temperature  | a measure of how hot or cold something is  |
| tropical  | The tropics have a **humid climate**, where the weather is hot and damp. They are near the **equator**.  |
| tundra  | a flat layer of land where the top layer is frozen. There is hardly any **vegetation**.  |
| vegetation  | plants, trees and flowers  |
| weather | Short term rainfall and temperatures  |

