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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 |
| **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 |
| **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 |

