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| **Alderley Edge Community Primary School** | | |
| **TOPIC: Vegetation Belts and Climate Zones** | **Strand: Human and Physical Geography (Concept: Biomes)** | **Year 2** |

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| **What should I already know?** | |
| * The seven **continents** and five **oceans.** * The names of a variety of common **wild** and garden plants, including **deciduous** and **evergreen** trees * The **climates** of Kenya in the **continent** of Africa and the UK in the **continent** of Europe. * Some of the features and climate of the **pola**r and **desert biomes** | |
| **Geographical Skills and Fieldwork** | |
| * Use maps, atlases and **globes** to identify different **biomes**. What do you notice about the colours used to identify **deserts, polar and tropical** * Label maps to show where **tropical** **biomes** can be located. * Describe what the **vegetation** is like in each **tropical biome**. * Complete a table to show what the **tropical** **biomes** are in different parts of the world * Describe the relationship between **biomes** and **climate zones.** * Research the annual **rainfall** in different **tropica**l **biomes** and show it in a graph. | |
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|  | **tropical** |
|  | **desert** |
|  | **polar tundra** |

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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 zone | sections of the Earth that are divided according to the **climate**. There are three main **climate** zones; **polar**, temperate and **tropical**. |
| 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 |
| 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 |
| wild | animals or plants that live or grow in natural surroundings and are not looked after by people |

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| **Biome** | Typical **Climate** | Image | Example of location |
| **desert** | dry and hot all year round |  | North Africa, Central Australia |
| **tropical** | hot, **humid** and wet all year round |  | South America |
| **polar** | Cold and windy all year round |  | North and south poles |