 **Threshold Concepts and Vocabulary**

**Geography**

**Year: 5&6 Unit Name: Biomes**

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| **What skills and knowledge will I learn?** |
| **Geographical skills**  **Understanding maps**   * I can identify on a map where examples of major biomes and climate zones are. * I can identify lines of latitude and longitude on maps and globes and use them to locate climate zones and biomes. * I can identify the equator, tropic of cancer and tropic of Capricorn on maps and globes.   **Using data**   * I can interpret different graphs and draw conclusions about a biome or climate zone.   **Place knowledge**   * I can identify what the climate is like in different climate zones including the poles, equator and the tropics. * I know that different places have different seasons and how this affects the vegetation and animals.   **Physical Geography**   * I know what biomes and ecosystems are and can give examples of each. * I can describe the climate of a biome and what plants and animals live there.   **Environmental Geography**   * I can describe what a nature reserve is and why they are important. * I can describe how humans are managing and protecting ecosystems around the world. |
| **Key vocabulary** |
| **Climate**- The average weather conditions over a long period of time and over a large area.  **Ecosystem**- A community of living and non-living things that work together.  **Biome**- A large region of Earth that has a certain climate and certain types of living things.  **Equator**- An imaginary line in the middle of Earth equal distance from both the Poles.  **Latitude**- Imaginary lines which go around the Earth east to west.  **Longitude**- Imaginary lines which go around the Earth north to south.  **Tropics**- The region of Earth’s surface that is closest to the [equator](https://kids.britannica.com/kids/article/Equator/353104). The Tropic of Cancer to the north and Tropic of Capricorn to the south.  **Deciduous** – A type of tree or bush that loses its leaves in the autumn every year.  **Coniferous**- Trees that have cones and needle-like leaves which they do not lose in autumn.  **Rainforest**- A dense forest found in the tropics. The weather is hot and wet all year around.  **Savannah**- A hot grassland with a wet and a dry season found in the tropics. |
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**Spirituality: Can the study of Geography help us to connect with the awe and wonder of creation?**