



St Paul's C of E Primary School – Knowledge Organiser

Name of Topic

Biomes: What is a biome?

Year Group

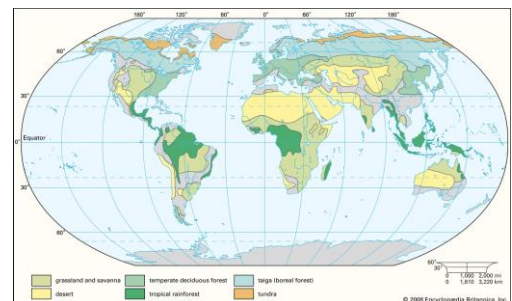
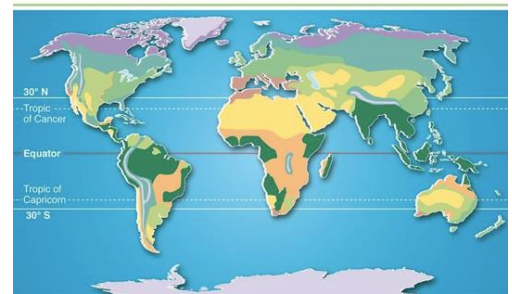
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Key Vocabulary and Spellings

1	Biome	A large region of Earth that has a certain climate and certain living things, and they contain smaller areas called ecosystems.
2	Vegetation belt	An area with distinct plant types, determined by climate, soil, drainage and elevation.
3	Climatic Zone	Areas with distinct climates corresponding to weather patterns, latitude and communities of plants and animals.
4	Tropic of Cancer and Capricorn	Imaginary lines that circle the globe marking the northern and southern edge with a latitude of 23°27'
5	Grid reference	A map reference using vertical and horizontal grid lines identified by numbers or letters.
6	Equator	An imaginary line dividing the northern and southern hemispheres.
7	N and S Hemisphere	The halves of the Earth lying North and South of the equator.
8	Arctic and Antarctic Circle	Two imaginary lines surrounding the north and south poles.
9	latitude	How far north or south of the equator measured in degrees.
10	longitude	How far east or west of the Greenwich meridian measured in degrees and minutes.

Top 5 Topic Facts

1	The are 5 major circles of latitude: Arctic Circle, Antarctic Circle, Tropic of Cancer, Tropic of Capricorn and the Equator.
2	There are 6 main biomes: tundra, desert, grasslands, tropical forests, temperate forests and savanna.
3	The further you travel away from the Equator, the colder the climate gets.
4	Each biome has many ecosystems where different animals and plants live.
5	Although only 5% of Earth is covered in rainforest, over half the world's plants and animal species are found there.



Key Investigations/Questions

1	Where are the main biomes of Earth?
2	What are the key physical characteristics of the main biomes?
3	What vegetation patterns can be identified on Earth?