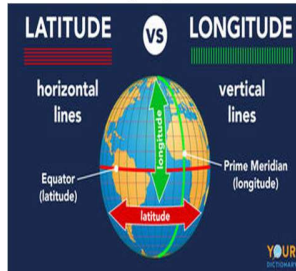


Year 5 Autumn Term Knowledge Organiser



Latitude and **longitude** help us to identify exact locations.



The **Tropic** of Cancer is north of the Equator. The Tropic of Capricorn is south of the Equator.



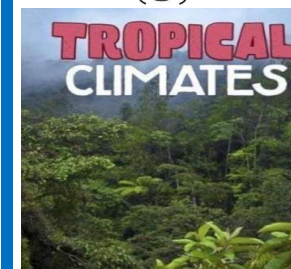
Earth has 6 **climate** zones. They all have different weather depending on where they are located.



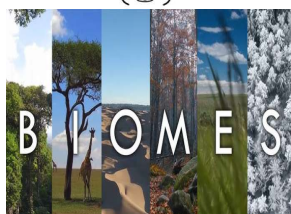
Deforestation and burning **fossil fuels** increase **greenhouse gases**, causing climate change.



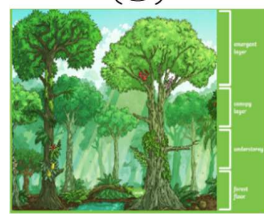
There are 12 **countries** in South America. Brazil **borders** all of these countries except Chile and Ecuador.



Places with a **tropical climate** are often more affected by climate change.



Climate change affects Earth's **biomes** in different ways.



A tropical rainforest is a **vegetation belt** found in tropical climates.



Fairtrade products help support workers and protect the rainforest.



Computer aided design (CAD) can be used to design products.



Mundano is a street artist and **activist** who uses art to communicate a message.



Fieldwork interviews are a method of data collection used in **human geography**.

Year 5 Autumn Term Key Vocabulary

longitude	Imaginary lines used to find out how far east or west a place is.
latitude	Imaginary lines used to find out how far north or south a place is.
tropic	The hottest area of the Earth between the Tropic of Cancer and the Tropic of Capricorn.
climate	The long-term weather conditions of an area recorded over time.
deforestation	The destruction of forests by people.
fossil fuels	Fuels such as oil, coal and gas which release carbon dioxide when burned.
greenhouse gases	Gases such as carbon dioxide and methane in the Earth's atmosphere that trap heat.
border	A line separating two countries.
country	An area of land that has its own government.
tropical climate	Hot and often rainy all year round.
biomes	Areas of the world with similar climate, animals and plants.
vegetation belt	An area of land defined by the types of plants which grow there.
Fairtrade	When workers and farmers are treated fairly and paid properly for their hard work.
computer-aided design (CAD)	The use of computers to design objects.
activist	A person who campaigns to bring about political or social change.
fieldwork	Practical activities that are done away from your school, college or place of work.
human geography	The study of how people live and use the land.