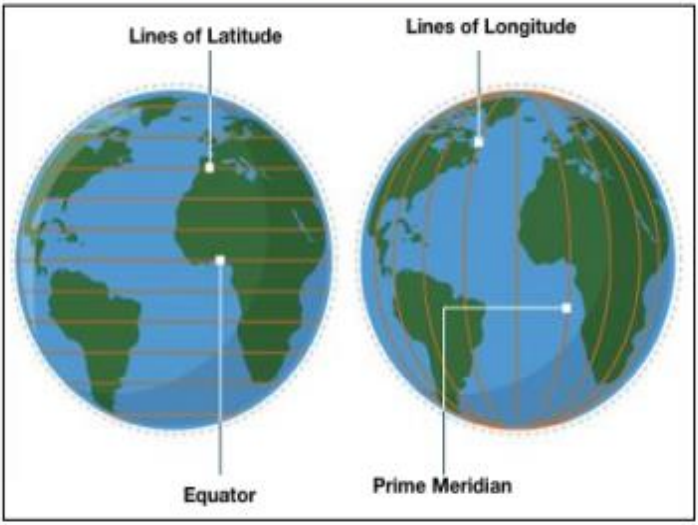


Key Vocabulary	Definition
Lines of Latitude	Imaginary lines that help us identify how far north or south of the equator a location is.
Lines of Longitude	Imaginary lines that help us identify how far east or west of the Prime Meridian a location is.
Equator	An imaginary line that shows us the locations that are half way between the north and south pole. The Equator divides the earth into the Northern Hemisphere and the Southern Hemisphere.
Prime Meridian	The line of longitude that measures 0° and runs through Greenwich in London.
Tropic of Cancer	The most northern line of latitude where the sun can be directly overhead. Named after the constellation of Cancer.
Tropic of Capricorn	The most southern line of latitude where the sun can be directly overhead. Named after the constellation of Capricorn.
Scale	The representation of distance on a map.

Lines of Longitude and Latitude



Tropics of Cancer and Capricorn



Map Scale

a) (1 centimeter represents 250 meters)

b) 1: 25 000

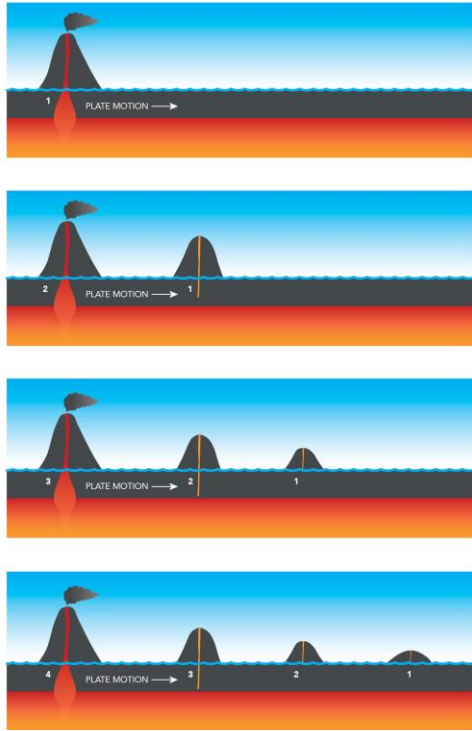
c) 0 1000 2000 3000 4000 meters

## Galapagos Islands

### Hot Spot Island Formation

An area of the Earth's mantle from which hot plumes rise upward, forming volcanoes on the overlying crust

### Hot Spot Volcano Formation



## Brazil – Deforestation

Deforestation is the purposeful clearing of forested land.



What are the impacts of deforestation?

Deforestation can lead to climate change, loss of habitat, desertification, soil erosion, fewer crops, flooding, increased greenhouse gases in the atmosphere, and a host of problems for indigenous people.

**The Democratic Republic of Congo** has many natural resources: diamonds, gold, cotton, copper, tin, coal and uranium.

What is the problem with having so many rare earth resources?

Issues arise such as:

War, Child Labour, Child abuse, Crime



## Borneo

Impacts of the palm oil trade

- Students will investigate how they are directly contributing to habitat loss in Borneo
- They will be identifying methods to try and reduced the impact they are having. Through organisations like the forest alliance.



## Maldives

### Sea Level rise

- Sea level is rising at a rate of 0.8-1.6mm per year
- The low topography of the Maldives means it is particularly susceptible to sea level rise

### Impacts of Tourism

- Rubbish pollution is becoming a significant problem in the Maldives
- Habitat loss due to construction of hotels to accommodate tourists.

## Somalia

LIC - A sovereign state with a lesser developed industrial base and a lower Human Development Index relative to other countries.

