



## Year 4 Geography - Climate Zones

### Vocabulary:

**Climate:** Long term weather patterns.

**Climate Zones:** A part of the world where places have similar climate (i.e., Arid, Mediterranean, Temperate, Tropical and Polar.)

**Precipitation:** Rain, hail, fog, sleet and snow.

**Weather:** Day to day temperature.

**Axis:** An imaginary line around which an object rotates or spins.

**Meteorologist:** A scientist who studies the atmosphere including the weather and climate.

**Temperature:** The degree of hotness or coldness of the atmosphere or an object on some chosen scale.

### Groblox:

G4C1: I can explain what climate is.

G4C2: I can explain what the equator is.

G4C3: I can explain the differences between the Northern and Southern Hemispheres and how they experience different types of weather.

**G4C4: I can name and locate the 6 different climate zones on a map.**

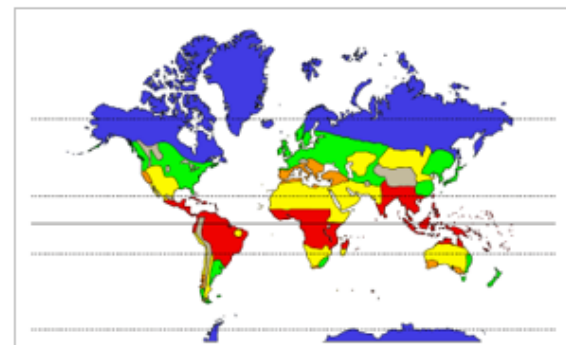
### Previous Groblox:

G2C1: I can name the seven continents

G2C4: I can use a world map/atlas/globe to identify some continents and oceans

### Groblox Assessment

Code	Date	Traffic Light	Date	Traffic Light	Date	Traffic Light
G4C1						
G4C2						
G4C3						
<b>G4C4</b>						



Arid



Mediterranean



Temperate



Tropical



Polar





## Year 4 Geography - South America: The Amazon Basin

### Vocabulary:

**Agriculture:** Farming.

**Drainage:** How water flows away from an area through rivers and streams.

**Equatorial:** The hot, wet climate in areas close to the Equator.

**River Basin:** The area of land being drained by a river and all its tributaries.

**Ecosystem:** A biological community of interacting organisms and their physical environment.

**Food Chain:** A series of organisms each dependent on the next as a source of food.

**Humidity:** Is the concentration of water vapor in the present in the air.

**Deforestation:** Is the removal of a forest or stand of trees from land that is converted to non-forest use.

### Groblox:

**G4SA1:** I can locate South America on a map and know that its biggest country is Brazil.

**G4SA2:** I can locate the Amazon Rainforest on a map and name some of the huge number of animals, plants and insects it is home to.

**G4SA3:** I can explain the key characteristics of the Amazon Basin.

**G4SA4:** I can explain why deforestation is a threat to the Amazon Rainforest.

### Previous Groblox:

**G3NA1:** I understand that Canada is the largest country in North America but the United States of America has the largest population.

**G3NA3:** I know that North America has many physical features and can name three of them.

**G3NA4:** I can locate the countries of North America on a map.

### Groblox Assessment

Code	Date	Traffic Light	Date	Traffic Light	Date	Traffic Light
G4SA1						
G4SA2						
G4SA3						
G4SA4						





## Geography Year 4 - Rainforests

### Vocabulary:

**Biodiversity** - the number of different types of plants and animals found in a particular environment.

**Biome** - a community of plants and animals that is suited to a particular climate.

**Ecosystem** - a community of plants and animals that affect each other and the area around them.

**Rainforests** - forests that are home to many different types of plants and animals. They are located close to the Equator in places with a tropical climate, which is warm and wet all year round.

**Canopy** - is the above ground portion of a plant cropping or crop formed by the collection of individual plant crowns.

**Deforestation** - removal of forest/trees from land that is then converted to non-forest use.

**Emergent Layer** - a small number of very large trees that grow above the canopy.

**Understory** - lies between the forest floor and the canopy.

**Forest Floor** - the bottom layer that only gets 2% of the sunlight.

### Groblox:

**G4R1:** I can recognise what a rainforest is and locate the world's rainforests on a map.

**G4R2:** I can explain that rainforests are found north and south of the Equator between the Tropics of Cancer and Capricorn.

**G4R3:** I can explain that rainforests are home to over half the species of plants and animals in the world, they are a source of foods and medicines and I can give examples.

**G4R4:** I know that a rainforest has four layers, emergent, canopy, understory and forest floor and can draw a diagram to explain this.

### Previous Groblox

**G3C1:** I can explain what climate is.

**G3C2:** I can explain what the equator is.

### Groblox Assessment

Code	Date	Traffic Light	Date	Traffic Light	Date	Traffic Light
G4R1						
G4R2						
G4R3						
G4R4						

