

Title: Amazon Adventure

Year: 5

Topic Specific

Geography, Science

WOW Activity

Artificial Reality

Links to Year 5 curriculum

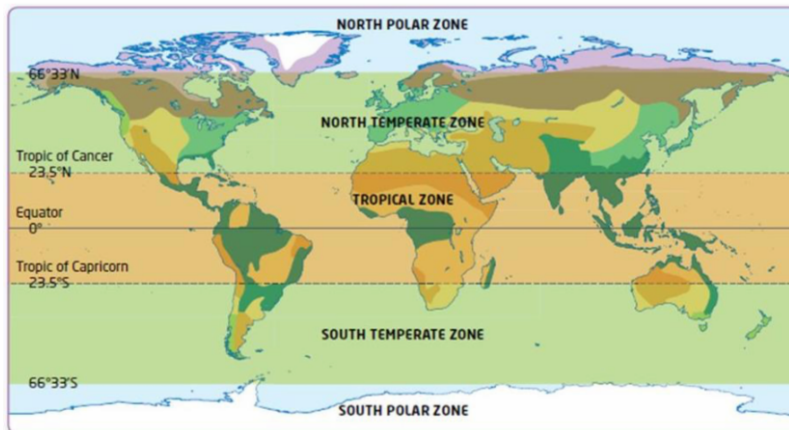
Science - Life Cycles, plant and animal reproduction.

Wider Curriculum Links

Year 1 - Weather.

Year 2 – Animals, survival, habitat. Hot and cold climates, the equator.

Year 4 – The Water Cycle.



Key Knowledge/Facts

- Rainforests only cover around 2 percent the total surface area of the Earth.
- More than half of the world's species of plants and animals are found in the rainforests.
- The Amazon jungle is the world's largest tropical rainforest (2,100,000 square miles). The forest covers the basin of the Amazon, the world's second longest river.
- There are two different types of rainforests: temperate and tropical.
- The average temperature for the Amazon rainforest ranges between 18 and 22.4° C or 64 and 73°F.
- The Amazon Rainforest is located in the continent of South America.
- The Amazon Rainforest spans across the countries of Brazil, Bolivia, Peru, Ecuador, Colombia, Venezuela, Guyana, and Suriname and French Guiana.
- The trees of the Amazon Rainforest produce more than 20% of the world's oxygen.
- 1/10 of all know plant and animal species on the planet live in the Amazon rainforest.
- The Amazon can receive up to 430 inches of rain per year.

Vocabulary	Definition
Rainforest	Tropical woodland, found typically in hot climate areas with consistently heavy rainfall.
Climate	The weather conditions in an area over a period of time.
Tropical Zone	A region of the Earth surrounding the equator, between the Tropic of Cancer in the Northern Hemisphere and the Tropic of Capricorn in the Southern Hemisphere.
Temperate Zone	The regions of the Earth between the Tropic of Cancer and the Arctic Circle in the Northern Hemisphere and between the Tropic of Capricorn and the Antarctic Circle in the Southern Hemisphere.
Deforestation	The action of clearing a wide area of trees.
Habitat	The natural home or environment of an animal, plant, or other organism
Biomes	A large naturally occurring community of flora and fauna occupying a major habitat, e.g. forest or tundra.
Natural Resources	Materials that occur in nature which can be used for economic gain.
The Amazon Basin	The area of South America in which rainfall will run into the Amazon River.
Tributaries	A river or stream flowing into a larger river or lake.
Flora	The plants of a particular region, habitat, or geological period.
Fauna	The animals of a particular region, habitat, or geological period.

