



Project: a geographical study of the Rainforest

By the end of this project, I will know the answers to these questions	
Where are the Rainforests?	The largest rainforests are in the Amazon River Basin (South America), the Congo River Basin (western Africa), and throughout much of southeast Asia. Smaller rainforests are located in Central America, Madagascar, Australia and nearby islands, India, and other locations in the tropics.
What is the Rainforest Climate like?	A tropical rainforest climate is a tropical climate usually found within 10 to 15 degrees latitude of the equator, and has at least 60 mm (2.4 inches) of rainfall every month of the year. ... A tropical rainforest climate is typically hot, very humid and wet.
What are the layers of the Rainforest?	The tropical rainforest is a complete environment from top to bottom. In general, it is divided into four layers: emergent layer, canopy layer, understory, and the forest floor. These layers host several species of tropical animals and tropical plants.
What is life like in the Rainforest?	Mbuti and Baka Pygmies live in the rainforests of Central Africa. Traditionally they live by hunting and gathering food. The Huli are one of the many tribes that live in the remote highland forests of Papua New Guinea. They live by hunting, gathering plants and growing crops.
What is the Amazon like?	The Amazon rainforest, covering much of northwestern Brazil and extending into Colombia, Peru and other South American countries, is the world's largest tropical rainforest, famed for its biodiversity. It's crisscrossed by thousands of rivers, including the powerful Amazon. River towns.
How can we protect the Rainforest?	<ol style="list-style-type: none"> 1. Teach others about the importance of the environment and how they can help save rainforests. 2. Restore damaged ecosystems by planting trees on land where forests have been cut down. 3. Encourage people to live in a way that doesn't hurt the environment. 4. Establish parks to protect rainforests and wildlife.
Greater Depth	<p>Compare and Contrast the lives of the people living in the Rainforest and where we live.</p> <p>Study the geographical complexities of the land</p>



Skills I will require and apply:

- Understanding and using atlases to locate the Rainforest
- Using subject specific vocabulary: to describe the Rainforest and the consequences deforestation is having on the world and the wildlife
- Describe the lifestyles of the people living in the Rainforest
- Design and create Rainforest art
- Make others aware of the endangered species

To hook me into this project I will:
Investigate the wonderful world of the Rainforest!

Experiences that will help me remember:
Study significant people who have been involved in the Rainforest (Jane Goodall - Chimpanzees)
Draw and create Rainforest art listening to the music of the Rainforest.

Vocabulary	Tier 2 and Tier 3		
Rainforest	a luxuriant, dense forest rich in biodiversity, found typically in tropical areas with consistently heavy rainfall.	Tribes	a social division in a traditional society consisting of families or communities linked by social, economic, religious, or blood ties, with a common culture and dialect, typically having a recognized leader.
Climate	the weather conditions prevailing in an area in general or over a long period.	Environment	the surroundings or conditions in which a person, animal, or plant lives or operates
Species	a kind or sort.	Latitude	the angular distance of a place north or south of the earth's equator, or of the equator of a celestial object, usually expressed in degrees and minutes.
Tropical	The definition of tropical is something related to the tropics - the warm, hot areas located between the Tropic of Cancer and the Tropic of Capricorn. Warm and humid weather often associated with the tropics is an example of tropical weather	River Basin	A river basin is the portion of land drained by a river and its tributaries. It encompasses all of the land surface dissected and drained by many streams and creeks that flow downhill into one another,
Equator	a line notionally drawn on the earth equidistant from the poles, dividing the earth into northern and southern hemispheres and constituting the parallel of latitude 0°.	Ecosystems	a biological community of interacting organisms and their physical environment.
Endangered	(of a species) seriously at risk of extinction.	Biodiversity	the variety of plant and animal life in the world or in a particular habitat, a high level of which is usually considered to be important and desirable.



Texts/books I will be using in this project: A Walk in the Rainforest by Kristin Pratt-Serapini

Metacognition
What am I being asked to do? Which strategies will I use? Are there any strategies that I have used before that might be useful?

Life Skills
Environmental responsibility - how do our actions affect the world in which we live in?

