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The Amazon Rainforest is located in Brazil and spasms in eight rapidly developing countries-Brazil, Bolivia, Peru, Ecuador, Colombia, Venezuela,Guyana, and Suriname. And is known to have one of the most diverse ecosystems in the world. But it is facing dangers that are affecting this beautiful ecosystem. That is why we should help organizations to make more national parks and buy land to protect the Amazon Rainforest. We should do this because it will protect Indigenous people who are habitants and climate change.

To start off, why we should protect the Amazon Rainforest is because of climate change. With degradation and deforestation it is affecting the Amazon Rainforest by releasing all the carbon that is stored in trees to the atmosphere causing the greenhouse effect. Which makes heat from the sun stay on Earth but not go out, warming the planet. As well, with global warming rainfall can be reduced or the precipitation patterns are being altered. As well as logging, without trees there isn't enough to store all the carbon being released to the air. To include it would also affect the temperature of the Rainforest as it starts to get drier and warmer where both people and the biodiversity will be affected. Moreover, with the dryness and more warmer temperatures there can be freshwater shortages, erosion could increase, and increase diseases. And with the deforestation and the vanished parts of the forest is livestock and crops like palm oil which also emits even larger amounts of greenhouse gas.

The second reason why we should protect the Amazon rainforest is because it is home for a lot of indigenous people. They mostly live in settled villages by the river, and grow vegetables and fruit and they protect the Amazon rainforest. Right now they are facing many dangers, the first one being deforestation. Deforestation

affects indigenous people in danger as their food, medicine, and shelter are being destroyed along. Forest destruction can also push them from their territories into forced contact with outsiders. This means exposure to diseases for which they have little to no immunity. So they would not be able to survive. So when their land is destroyed all their culture and ancestral wisdom goes along with it. Another reason is agriculture. With the rise of soybean and meat, farmers take more and more land for their business. But by doing that they are not respecting Indigenous people's lands. As farmers start taking more of their land, they lose their land and would have to move somewhere else. And how it also affects them with the weather. With agricultural temperatures rising and rain patterns altered it can also affect indigenous people with how they grow their food and how they will adapt to these rising temperatures. Moreover, mining also affects them. Mining can impact the area's water drainage, and pollute it affecting the quality of water and be harmful for the indigenous people. So this shows another reason why we should protect the Amazon Rainforest.

My action plan to protect the amazon rainforest is to make more national parks and the government making policies. National parks will protect the Amazon by making strict laws to prevent people from changing national parks and causing any damage done that has to be corrected or large fines that can be implemented. With this they can also add wildlife corridors where an area of the forest is connected and is separated by human activities or structures. Which can help animals cross safely from roads. To continue with the government they should increase public awareness of the value of rainforests by education. Doing this will teach people why they should value and they can support organizations. As well as encouraging loggers to use alternatives like rubber trees which provide a latex sap that can be used for many things like glue, shoes, gloves, swimming caps, and more sporting goods. After 30 years the latex gets taken out it later gets chopped down and the wood is used either as a biofuel, furniture wood or light manufacturing wood. And every time a tree is chopped, 10 new trees take its place; the constant circle plays an integral part in creating oxygen and recycling CO₂ into reusable energy. Or like selective logging where a tree has to be over a 40 year cycle to make sure it can re-establish

itself as like they do in Costa Rica's rainforest. This will help stop deforestation to not lose more trees and restore habitats.

So to conclude we should care about protecting the rainforest because of how it helps us. And the dangers it's going through and how it's impacting the rainforest. So how climate change in the rainforest affects the oxygen and temperatures. And how indigenous people are being affected by deforestation, mining, and more. And finally how creating national parks can help the involvement of the government can really help the Amazon rainforest.

Project Rubric

Final Paper:

Paragraphs	Description	Points
Introduction	Contains a clear <u>thesis</u> and accurately describes the topic of the paper and why it is being written	3 2 1 0
Argument 1	Argument explains why it is important to protect the Amazon Rainforest, is clear, and uses 3 pieces of information from your sources to support your thesis	4 3 2 1 0
Argument 2	Argument explains why it is important to protect the Amazon Rainforest, is unique and different from argument 1, is clear, and uses 3 pieces of information from your sources to support your thesis	4 3 2 1 0
Action Plan	Paragraph contains an action plan that describes programs and actions you would take in order to better protect the rainforest and the animals that live there. Your action plan must be specific with details that would help the government put it into use.	4 3 2 1 0
Conclusion	Contains clear <u>thesis</u> and summarizes the main ideas of your paper	3 2 1 0
Grammar/ format	Paper uses proper grammar, format and spelling throughout	2 1 0

Final Paper Points: 20/_____

Materials:

Peer Edit	Completed peer edit assignment with thorough notes about your paper. Clear evidence that your partner has read and given you feedback to help improve your essay	3 2 1 0
Research Table	Completed research table with information about which 4 sources you used and what information you included in your essay.	2 1 0

Materials Points: 5/ _____

Total Points: 25/ _____