

INDEPENDENT LEARNING MENU

APPETIZER:

- Choose three of the following to read or watch.
- [Biodiversity Hotspots: Mesoamerica](#)
- [Biodiversity Hotspots: Sao Tome](#)
- [Monarch Butterfly needs protecting](#)
- [Humans could cause or prevent Earth's 6th mass extinction](#)
- [Beef Production Linked to Climate Change](#)

MAIN COURSE:

- Choose one of these to watch. (All videos are 12 minutes in length)
- Complete graphic organizer and get approval before moving onto dessert.
- [Human Activities that Threaten Biodiversity Locally](#)
- [How does climate change affect biodiversity](#)
- [Conservation and the race to save biodiversity](#)

DESSERT:

- Choose one task on the next page to demonstrate your knowledge.
- You will be graded using the following rubric.

	(NYP)	(PP)	(P)	(E)
2.5 Students will be able to identify enduring themes by applying patterns of continuity and change, cause and effect, or comparing and contrasting based on eras in world and United States history.	<p>I can define continuity and change, cause and effect, or comparing and contrasting.</p> <p><i>-Student can summarize what is causing a loss in biodiversity.</i></p>	<p>I can identify patterns of continuity and change, cause and effect, or comparing and contrasting.</p> <p><i>- Student can list examples of how humans are causing a loss in biodiversity.</i></p>	<p>I can utilize patterns of continuity and change, cause and effect, or comparing and contrasting.</p> <p><i>-Student can use specific evidence and thorough reasoning to conclude how humans are impacting the environment.</i></p>	<p>I can evaluate historical eras by choosing patterns of continuity and change, cause and effect, or comparing and contrasting.</p> <p><i>-Once "proficient", student is able to analyze what global trends or historical factors like population growth or consumption have influenced human impact on the Amazon rainforest or global environment as a whole.</i></p>

Dessert Options

Tasks for Creative Thinkers:

- A. Write a script for a talk show with a panel of experts. Dialogue reflects accurately how humans impact plants, animals, and the environment. Examples should come from the videos and articles from today AND from previous classes.
- B. Improve The Lorax by changing the children's book from a fictional story to reflect what is actually happening in the Amazon rainforest because of humans. Be sure to include examples from today AND from previous classes.
- C. Create a Piktochart (or use any infograph application website) to convey how humans are impacting the Amazon rainforest. Examples should come from the videos and articles from today AND from previous classes.

Tasks for Practical Thinkers:

- A. Write a last will and testament of the Amazon rainforest, including which personal items it would leave behind, who they would go to, and why. This last will should reflect how humans have impacted the forest. Examples should come from the videos and articles from today AND from previous classes.
- B. Create a short story that involves a dilemma facing how humans impact the Amazon rainforest. Describe how these two character's would have faced this same challenge differently. Examples should come from the videos and articles from today AND from previous classes.
- C. Develop a visual timeline of human impacts on the Amazon rainforest over time that range from before the Columbian Exchange to now. Note local or global events that impacted plants and animals in the Amazon in one color and the effects of those impacts in another color. Examples should come from the videos and articles from today AND from previous classes.

Tasks for Analytical Thinkers:

- A. Write an essay on how American consumerism and global mass-production impact the the Amazon rainforest in various ways. The essay should start with these global trends and then end with their impact on the regional level in the Amazon rainforest, using examples from today's videos and articles in addition to previous learning.
- B. Create a visual graphic organizer that identifies all the major problems affecting the economy, environment, and society because of the extraction of natural resources. Then for each problem, create a global or local solution that could stem or stop each of those problems.
- C. Write a letter from the perspective of an environmentalist who wants to stop human impact in the Amazon. Then write a letter back to the environmentalist from the local workers causing those impacts that explains their perspective in the same format. The letters should contain examples of human impact from today's learning and previous classes.

If you have a different idea on how to show this, see me and we'll chat.

Graphic Organizer

Name:

Define biodiversity:

Appetizers: Label the name of the three appetizers you watched/read in top boxes. Then write down specific examples of how humans are impacting the biodiversity in the bottom boxes.

Appetizer 1:	Appetizer 2:	Appetizer 3:

Main Course: Write down your three biggest takeaways from the video. These should relate to biodiversity and how humans are impacting it.

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Combine With Previous Knowledge: What ideas, examples, or information have you learned previously (in this class or other) that you can connect today's learning with?

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