Tanzania… An Example in Battling Climate Change

Who are Environmentalists?

Directions: We will conduct a quick exercise. Google the word “environmentalist.” Click the “images” icon and take notes on what you see. **What do you notice?**

Type your notes here:

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Directions: We will conduct a quick exercise. Google the word "**Mwanamazingira.**" Click the "images" icon and take notes on what you see.

Type your notes here:

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What is an Environmentalist & Who Should Be Environmentalists?

Share your thoughts with your classmates.

Understanding Climate Change Video

Directions: Watch the short video on climate change. After watching the video, answer 3 discussion questions: What is causing climate change? What are humans doing to speed up climate change? What else did you learn?

#	Question	Notes
1	**What is causing climate change?**	
2	**What are humans doing to speed up climate change?**	
3	**What else did you learn?**	

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Student Brainstorm: What Would it Take to Change Climate Change?

Directions: Answer a think tank question: How can we reverse the impact of climate change?

#	3 Ways to Stop Climate Change
1	
2	
3	

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Student Brainstorm: What Would it Take to Change Climate Change?

Type your summary notes here:

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A Success Story in Tanzania: Reading

Reading: Read an article on Tanzania's fight against climate change. Read pages 1 – 4.

Link to Reading

Reflection Discussion

#	Question	Notes
1	If your neighborhood was left alone and humans did not build on the land, what types of animals would be thriving in your area?	
2	If we want to increase biodiversity in our own community, what can we do?	

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DAY 2

Safari Visit

We are going to take a visit to the country of Tanzania where Environmentalists did an excellent job of protecting biodiversity. Using your Google cardboard glasses and your phone, take a visit to the safari: **(https://bit.ly/3dTvwvU)**



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SAFARI Visit Using Virtual Reality

Directions: Use the space below to document what you learned.

#	Question	Notes
1	**What did you notice about the types of animals?**	
2	**What did you learn about how the animals live together?**	
3	**What else did you learn?**	

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Teacher Explanation

Directions: Be prepared to take great notes. Your teacher will explain how Biodiversity and Reforestation are connected to Biotic and A-Biotics factors.

What did you learn? What are Biotic & A-Biotic Factors?

Type your notes here:

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Group Read

Directions: Read Text Pages 5 - 6: Abiotic vs. Biotic Changes in The Environment

Small Group Brainstorm

Directions: In small groups, discuss:

(1) What can humans do to impact the Abiotic factors of an environment?

(2) List 5 ways humans can change the Biotic conditions of an environment.

Group Read 2

Directions: Read pages 7 - 8 about Reforestation in Tanzania.

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Virtual Reality Visit to the Reforestation Site in Tanzania

Directions: You will need your cardboard glasses for this visit. Please use the QR code or link to take the virtual field trip.
(https://bit.ly/3dOq9OC)

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Discussion and Analysis

Directions: Follow along as your teacher and classmates discuss the case of Climate Change Action in Tanzania. Use the discussion to answer the following questions.

#	Question	Notes
1	**How would reforestation help climate change?**	
2	**What are the strengths and weaknesses of the approach being used in Tanzania?**	
3	**How can we use similar strategies here?**	

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Assessment Activities

Final Assessments:
Record a 2-to-5-minute Documentary Video explaining how Tanzania is engaged in Environmental Restoration.

Your video will do 4 things:
(1) Explain the concepts of Climate Change, Reforestation, Sustainable Agriculture, Biodiversity, Abiotic/Biotic Factors, & Anthropogenic Changes;
(2) Explain how the US can follow the example in Tanzania;
(3) Discuss what you can do to lead the environmental restoration movement;
(4) Make an argument from evidence about why environmental restoration is important.

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