

INTRODUCTION TO APES

Articles, Documentaries, and Lectures

Long Term Assignment:

Being a Farmer:

Materials:

- 3 pots
- 1 small bag of soil
- seeds are provided

Instructions:

1. Research the size of a pot for each plant you will grow
2. Research the type of soil, fertilizer you will use
3. Plant one/two seeds of each plant
4. Grow and collect data once a week (height and a photo)
5. Create an online science journal, share w/Ms. Caban
6. Harvest your crops
7. Write about your experience as a farmer. Would you become a farmer, why yes or no? (350 – 500 words)



QUESTIONS: Before the Flood (Netflix)

Make sure to elaborate on the questions to be able to participate in the discussion.:

1. What role was Leonardo appointed in?
2. How much does he know about climate change? Do you think he was a good choice as a voice in the climate change topic? Why, why not?
3. What were the alternatives to fossil fuels in 2013? Do we still acquire energy through these venues?
4. What might happen if Greenland is gone? Which locations are among the first ones to disappear? Why?
5. How did Miami Beach solve the problem with the rising sea level? Does it work in today, in 2019?
6. Who are Koch Brothers and what do they do?
7. What example Ms. Narain uses to demonstrate Di Caprio that the climate change is real?

8. How much energy consumption in US compares to energy consumption in India?

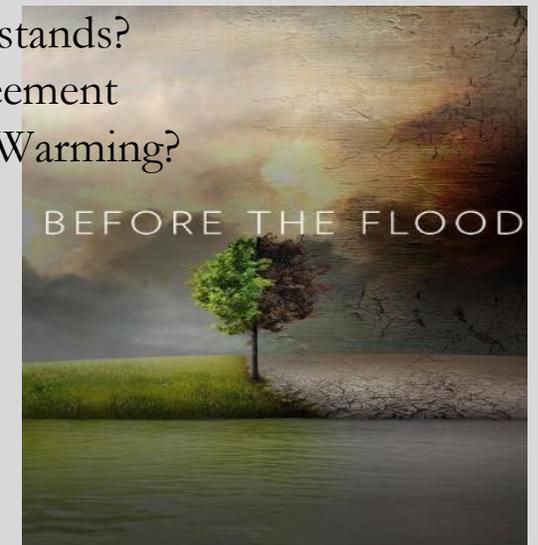
9. What is the percentage of coral reefs disappeared in the last 30 years?

10. Which two examples of CO₂ absorptions are mentioned in the documentary? What is the “CO₂ bomb”?

11. The cheapest commodity – palm oil – is present in many products, increasing profit in many companies. Name four products/industries where palm oil is used and five companies that profit from its use.

12. What future Marshall Islands stands?

13. Do you believe the Paris Agreement will solve the problem of Global Warming?



Before the Flood

HW Qs

- 1. Why was the Paris Conference a significant one?**
- 2. When was the first Climate Change Conference?
Where was it?**
- 3. When and where is COP28 taking place?**
- 4. Define COP28, list three target/topics it focuses on.**