

2019 SUMMER ASSIGNMENT FOR APES

Directions: Watch the following 2 videos and answer the questions based on them. Use correct grammar and answer each question completely. Most of your answers should consist of 3-5 sentences. Type your answers into this document and bring a hard copy to class on the third day of school.

- **Watch the video: The Boy Who Harnessed the Wind (Netflix).**

- 1. What would your life be like without electricity? (Think of William's life and how it compares to American teenagers.)**
- 2. How did the villagers compensate for not having electricity, telephones, or most of the modern conveniences we take for granted?**
- 3. How did William's religion influence his outlook?**
- 4. What did electricity and the creation of the windmill mean for William, his family, and his village?**
- 5. Give 3 ideas that would help developing nations with their education. (think about how to improve their situations like providing electricity to enable students to study at night)**
- 6. Malawi is an extremely poor nation. What are the causes of this poverty and what exacerbates it?**
- 7. William was desperate to stay in school but could not because of money. Think about American students. Why do you think, with all the opportunities for schooling, students are disinterested in learning? In your opinion, what accounts for the differences between William and his American counterparts?**

Look up the following information to gain an understanding of the many environmental issues that occur in developing countries and how these issues impact daily life.

- 8. What percent of the world's population lives in developing countries?**
- 9. What percent of the world lives without electricity?**
- 10. What percent of the world lives without adequate sanitation?**
- 11. Approximately what percent of the world lives below the World Bank poverty line, which is less than \$1.90 a day?**
- 12. List 5 possible causes for poverty.**

Answer these 3 questions before you watch the second video. Question 1 is what you believe, and questions 2 and 3 need to be looked up.

1. **Do you believe the water you drink is safe? Would you know if it was not?**
 2. **Whose responsibility is it to ensure healthy living conditions (i.e. clean drinking water) for the public?**
 3. **List 3 health effects of lead poisoning? What system of the body does it affect?**
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- **Watch the Flint Michigan Video Flint Water Crisis/ Frontline/NOVA [Click Here](#) (the better option) OR [Here's to Flint 2016](#) documentary (if you cannot access the first one) and then answer the questions below.**
4. **How did lead enter the Flint, Michigan water supply?**
 5. **Why was the state and local government's response to the increased levels of lead in Flint's water so delayed?**
 6. **Who do you believe is to blame for allowing this crisis to reach this point?**
 7. **Given the known effects of lead poisoning on children, what additional issues can Flint most likely expect to see in the coming years?**
 8. **Lawrence Reynolds said he thinks the response to the crisis would have been very different if it had happened in places with different racial and economic demographics than Flint. Do you agree? If so, how do you think the situation would have differed?**