



OUR CLIMATE OUR FUTURE LIVE VIRTUAL ASSEMBLY STUDENT WORKSHEET

*Go to File, Make a copy to make your own copy.

Name: _____ Date: _____

1. How many Earths will we need to have enough resources if the whole world lived like Americans?
2. Living large means we use a lot of energy. What are three ways people use energy in their daily lives?
3. Describe the environments 300 million years ago that eventually formed coal, oil and natural gas.
4. What percent of the energy used today comes from fossil fuels?
5. What is produced and released into the atmosphere when people burn fossil fuels?
6. What percentage of the atmosphere is made up of greenhouse gases like carbon dioxide, water vapor, and methane?
7. Over the last 800,000 years before humans existed, CO₂ levels in the atmosphere have stayed below _____ PPM. Today, CO₂ levels are over _____ PPM.
8. From the map, what is one way that climate change impacts where you live?
9. What's one question you'd like to ask Dr. Scott Denning?

10. What was one thing new you learned from Dr. Scott Denning?

11. People who are the least responsible for producing CO₂ pollution are often the ones who suffer the most from climate change. Addressing this problem is called _____ .

12. What are two different ways to turn a turbine to generate electricity without using fossil fuels?

13. Why are wind and solar power called renewable energy?

14. What are two ways that you could use less energy?

15. Switching over to renewable energy can create more well-paying jobs than staying with fossil fuels. Do you see a green career that you'd be interested in, or is there one you're interested in that you didn't see shown in the video?

16. What's the name of the global climate agreement that was signed in 2015?

17. What's one example you saw of young people taking action or green technology that stuck out to you?

18. Individual actions add up. Name two things you can do to fight climate change in your daily life.