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### **Six° Degrees Could Change the World**

1. What could happen to the global climate by the end of this century?
2. What are some current signs of global warming in Australia?
3. How much could the temperature rise over the next 100 years?
4. What is the hidden price for our energy consumption?

#### **If the global climate is raised by 1°....**

5. **Extra credit-** What is a “crick”?
6. Ranchlands in the United States would become what type of environment?
7. What country would benefit from the 1° temperature shift?
8. \_\_\_\_\_% of the world’s energy starts as fossil fuels.
9. What is the Carbon “footprint” (impact) of a single cheeseburger?

#### **If the global climate is raised by 2°....**

10. What type of environment could be completely lost from the Earth?
11. What will happen when the Ice fields of Greenland melt?
12. What is happening to sled dogs of Greenland?
13. How much could sea level rise over the next 100 years?

14. What are some things that you could do to help prevent the rise of the Earth's temp by 2°?

**If the global climate is raised by 3°....**

15. What happened in Paris in the Summer of 2003?
16. Instead of putting out Oxygen as a product of photosynthesis, plants returned \_\_\_\_\_ to the atmosphere.
17. How much of the world's Oxygen is produced by the Amazon rainforest?
18. In a 3° world what extreme weather pattern would become normal?
19. How long was Katrina actually above New Orleans?

**If the global climate is raised by 4°....**

20. What evidence is there for the loss of glaciers in the Himalayas?
21. What year do they estimate the glaciers will be gone?
22. What will happen to New York if the global climate rises 4°?

**If the global climate is raised by 5° or 6°....**

23. What is the best way to survive this change?

**How can we prevent it?**

24. How much does a TV cost to be plugged in when it is not turned on?
25. Cars produce \_\_\_\_\_ of the Earth's greenhouse gasses.
26. What types of technology can be used to reduce our use of fossil fuels?
27. Where did the CO<sub>2</sub> that we are putting into the atmosphere actually come from?