Name	Per		
Nova Treasures of the Earth: Power	er (2016)		
http://www.pbs.org/wgbh/nova/earth/treas	ures-earth-power.html		
What appliance in your home uses the most powe	r?		
2. Where does the power for the grid come from?			
3. What is a turbine?			
4. What is the key component (part) of a turbine?			
5. What do we call a flow of electrons?			
6. Circle the fuel(s) used to make steam for the turbing gasoline 7. Why has coal been replaced by natural gas?	ne: coal / wood / oil / natural gas /		
8. Which continent has the larges coal reserves in the	e world?		
9. What type of rock is on the surface above the mine?			
10. How long ago was the rock deposited?			
11. What kind of environment was the shale was depoin?			
12. Where did the carbon in the trees come from?			
13. What type of plants became the coal?			
14. What shapes do carbon atoms form?			
15. What happens to molecules as the temperature ghigher?			

16. When bonds between atoms are heated and break, what is released?
17. What activity caused the rising level of carbon in the atmosphere start?
18. Before coal burning, what was the primary source of energy for
work?
19. What fossil fuel is providing 40% of world wide energy needs today?
20. How many pounds of coal equal one tank of
gasoline?
21. What type of rock is found on the surface that indicates oil is underground?
22. What is carbon dioxide in the atmosphere compared to in your home?
23. What are two possible impacts of the global rise in temperature?
24. What percent of the world's energy is supplied by fossil fuels?
25. What else besides energy is made from carbon (oil)?
26. Which fossil fuel is the cleanest form of fossil fuel?
27. Where did the energy stored in fossil fuel come from?
28. Is there enough power coming from the Sun to power our planet?
29. In what common substance is silicon found?
30. What does "photo" mean?
22. What element is necessary to make batteries rechargeable?
33. What old type of power does not contribute to Carbon pollution?
34. In what country is energy being captured from

Write a brief paragraph (at least 5 sentences) summarizing what you learned.