1. What is Energy?
2. How is energy measured?
3. What is potential Energy?
4. What is an example of Potential Energy?
5. What is kinetic Energy?
6. What is an example of kinetic Energy?
7. What is The Law of Conservation of Energy
8. A car is sitting at the top of a hill that is 20 m high. The motorcycle mass is 11 kg. What is the potential energy of the car?
9. A car is traveling with a velocity of 50 m/s and has a mass of 20 kg. What is the kinetic energy of the car?
10. What is mechanical energy?
11. What is gravitational potential energy?
12. What is chemical energy?
13. What is elastic energy?
14. What is nuclear energy?
15. What is thermal energy?
16. What is electromagnetic energy?
17. What does a generator do?
18. How do most power plants generate electricity?
19. What type of energy does a fossil fuel plant use boil the water to spin the turbines?
20. What is the main difference between a nuclear plants and a fossil fuel powered plant?
21. Other than using thermal energy to spin a turbine, what are other ways to spin a turbine to transform mechanical energy into electrical energy?
22. How can electricity be generated directly?
23. What best describes coal?
24. Coal is?
    1. Renewable
    2. Non-renewable
25. How do we use coal to produce electrical energy?
26. What best describes geothermal?
27. Geothermal is?
    1. Renewable
    2. Non-renewable
28. What best describes hydropower?
29. hydropower is?
    1. Renewable
    2. Non-renewable
30. How do we use hydropower to produce electrical energy??
31. What best describes solar?
32. Solar is?
    1. Renewable
    2. Non-renewable
33. How do we use solar to produce electrical energy??
34. What best describes uranium?
35. Uranium is?
    1. Renewable
    2. Non-renewable
36. How do we use uranium to produce electrical energy??
37. What best describes petroleum?
38. Petroleum is?
    1. Renewable
    2. Non-renewable
39. What best describes natural gas?
40. Natural gas is?
    1. Renewable
    2. Non-renewable
41. How do we use natural gas to produce electrical energy?
42. What best describes wind power?
43. Wind power is?
    1. Renewable
    2. Non-renewable
44. How do we use wind power to produce electrical energy??