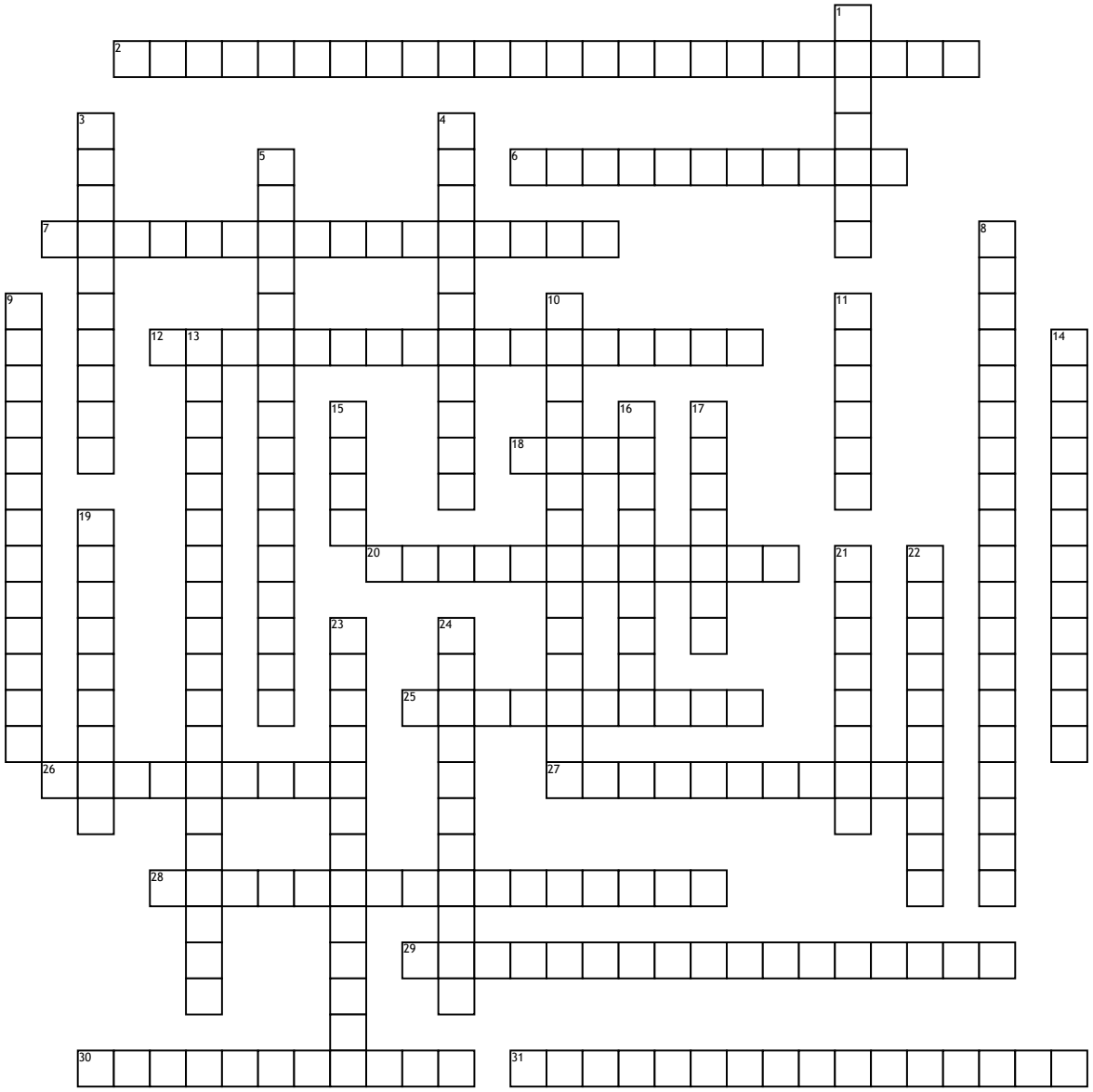
Name: _____ Date: _____ Period: _____

Engineering, Sci. Method, and Earth and Human Activity Crossword



Across

2. energy such as wind, solar, and hydro that can replace old fossil fuels such as oil.

6. a natural fuel such as coal that is formed from the remains of living organisms.

7. Question, observation, hypothesis, controlled experiment, conclusion.

12. air pollution that forms form the interaction between chemicals in the air and sunlight.

18. Organize into charts, tables, drawing, and diagrams. You can decide what the information means.

20. preservation, protection, or restoration of the natural environment and all things in it.

25. the answer to your question; a summary of what you have learned from an experiment

26. the cycle that rocks go through, undergone by rocks into the crust, uplift, erosion, transportation, deposition, metamorphism, remelting, and then deeper.

27. energy from the Sun.

28. thermal energy from Earth's interior.

29. the factor that changes (measured) as a result of the experiment; the effect

30. carbon compounds are combined in the environment, involving the incorporation of carbon dioxide into living tissue by photosynthesis and is return to the atmosphere through respiration, the decay of dead organisms, and the burning of fossil fuels.

31. something such as trees, mineral deposit, or fresh water, that is found in nature and useful for humans. not created but created naturally for us.

Down

1. always in form of a question; the question we are trying to answer by doing the experiment.

3. Compare your results and hypothesis. Decide if your hypothesis is right or wrong. Tell what you decide.

4. Test your hypothesis. You may need to do this step more than once to see if the results are the same each time.

5. a series of steps that scientists use to answer questions and solve problems

8. factor in an experiment that a scientist purposely changes; the cause

9. nitrogen and its compounds are inter-converted in the environment and in living organisms, including nitrogen fixation and decomposition.

10. A summary of the data you have collected (graphs, tables, charts, photos, etc.); all your observations from the experiment.

11. A plausible or scientifically acceptable general principle or body of principles offered to explain phenomena.

13. electricity produced by flowing water.

14. part of an experiment that does not contain a variable; all conditions are kept normal; used as a COMPARISON

15. a deposit of minerals that is large enough to be mined for a profit.

16. Change one thing when you test your hypothesis. Keep everything else the same.

17. You may want to do your experiment again or change your experiment.

19. to make the soil, water, or atmosphere dirtier from the discharge of human substances.

21. a group of wind turbines that produce electricity.

22. the cycle that water goes through: evaporation, condensation, and precipitation.

23. energy stored in and released from the nucleus of an atom.

24. water that is found in the ground.