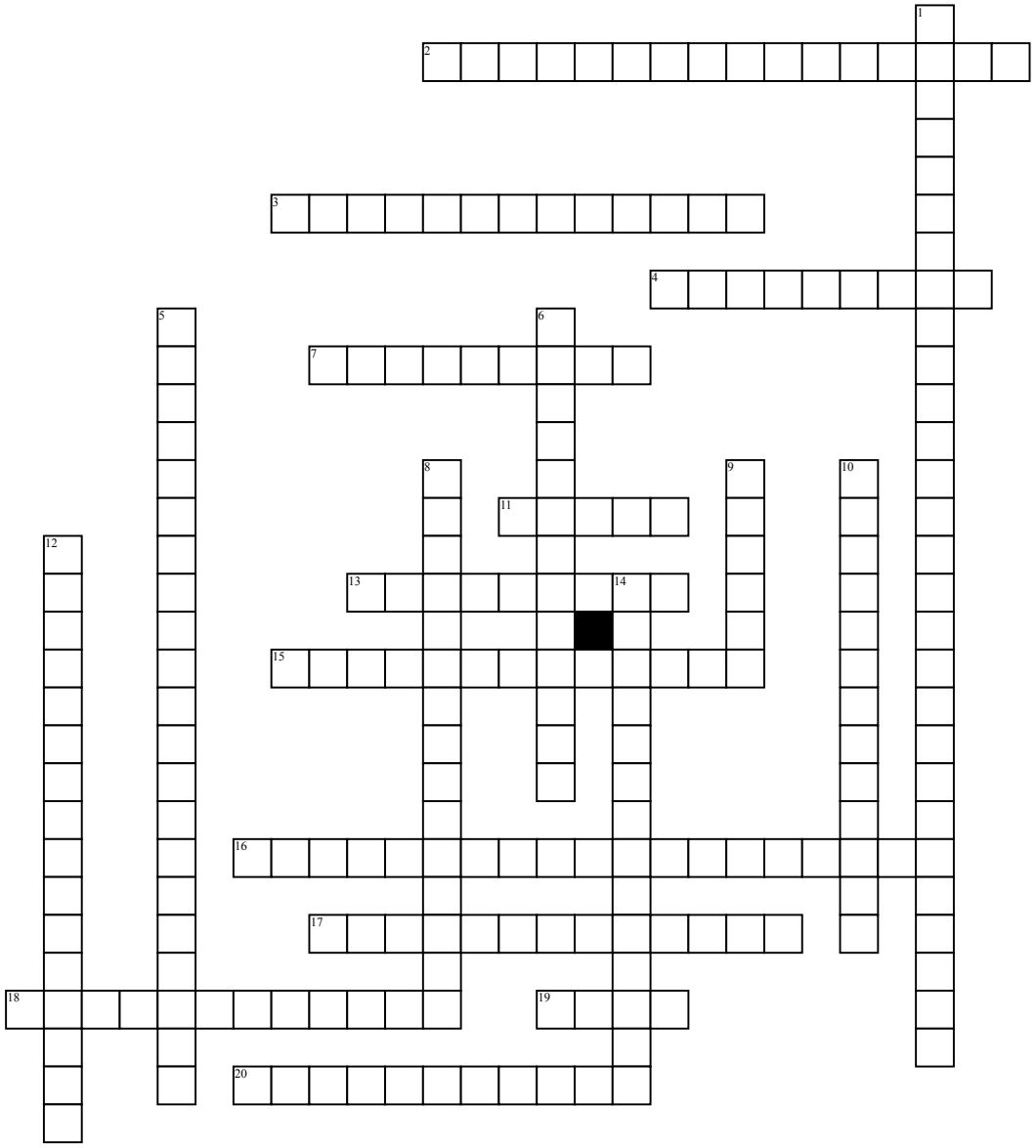
Energy and Waves



Across

2. The movement of electrons.

3. The motion waves, electrons, atoms, molecules and substances.

4. The distance between two peaks of a wave

7. The distance between the midline of a wave and the crust/trough. Measures how much energy is being transported.

11. Movement of energy through a medium.

13. The number of wave cycles that are compleated per second.

15. Stored in objects by the application of force

16. A resorce that can not be readily replaced by natural means

17. The internal energy in substances - also known as heat- caused by the vibration or movement of molecules

18. The energy of the movement of a substance from one place to another.

19. Measurement of energy transferthat occurs when an object is moved over a distance by an enternal force.

20. Movement of energy through substances in longitudinal wavess which produces vibration

Down

1. Energy of place or position

5. The change of energy from one form to another.

6. Stored in the nucleus, or center of an atom.

8. Stored energy.

9. Measurement of an system's ability to do work. It can be transferred between objects but is never created or destroyed.

10. Electromagnetic energy that travels in transverse waves

12. Any resorce that can be replaed naturally.

14. Stored in the bonds between atoms in molecules