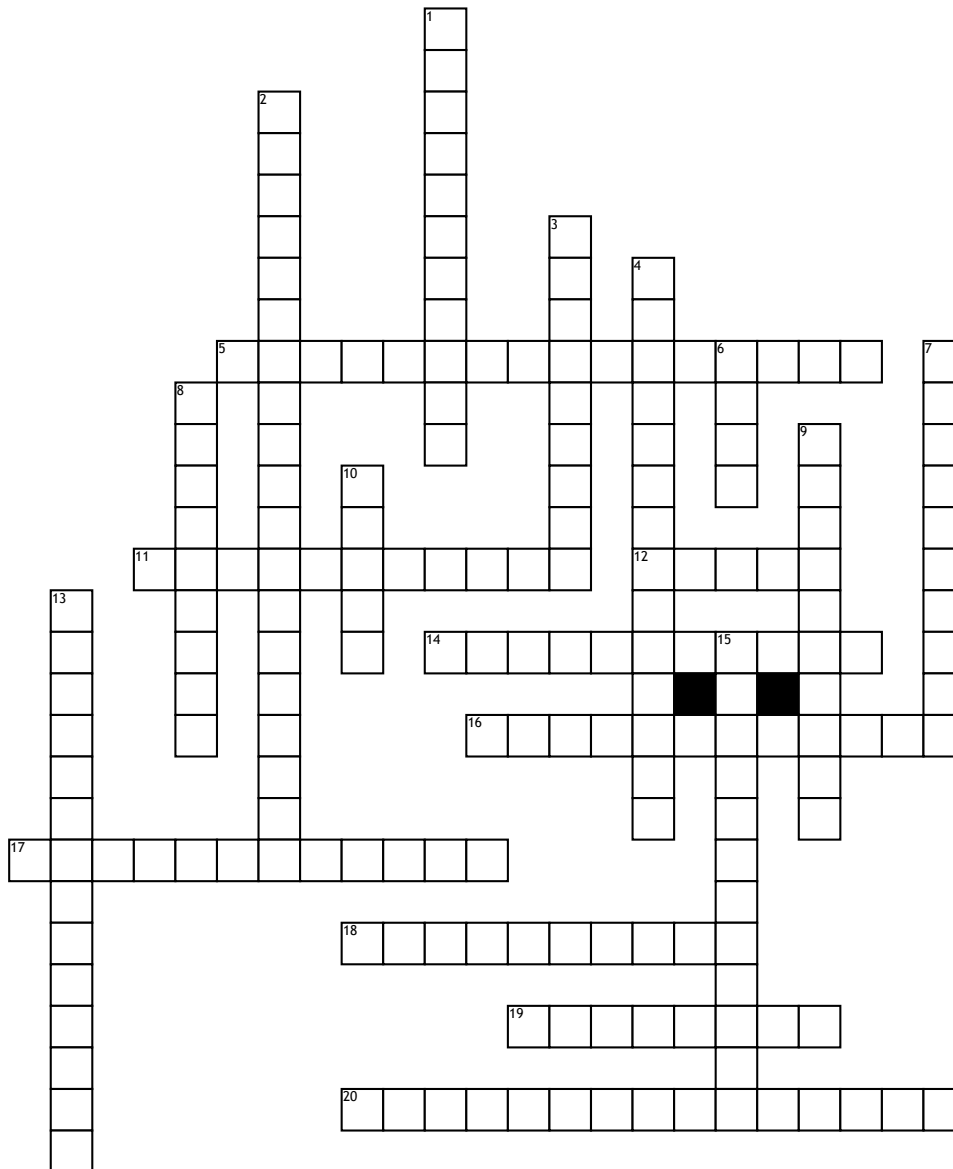


Name: _____ Date: _____ Period: _____

8th Grade Physical Science Crossword



Across

5. a wave that moves a medium in a direction parallel to the direction in which the wave travels; Ex: sound waves
 11. part of a longitudinal wave where the particles of the medium are far apart
 12. a system that uses reflected radio waves to detect objects and to measure their distance and speed
 14. part of a longitudinal wave where the particles of the medium are close together
 16. electromagnetic waves with wavelengths shorter than radio waves, but longer than visible light
 17. electromagnetic waves that are visible to the human eye
 18. radio waves with the shortest wavelengths and highest frequencies

19. describes an object that can be seen because it gives off its own light
 20. electromagnetic waves with wavelengths shorter than visible light, but longer than x-rays

Down

1. describes an object that can be seen because it reflects light from an outside source
 2. a transverse wave that transmits electrical and magnetic energy through space at the speed of light
 3. the transfer of energy through space in the form of waves
 4. a wave that moves the medium in a direction perpendicular to the direction in which the wave travels; Ex: water waves
 6. a disturbance that transfers energy from place to place

7. the complete range of electromagnetic waves placed in order of increasing frequency
 8. electromagnetic waves with the shortest wavelengths and the highest frequencies
 9. an image that shows regions of different temperatures in different colors
 10. electromagnetic waves with wavelengths shorter than ultraviolet rays, but longer than gamma rays
 13. a wave that requires a medium through which to travel
 15. an instrument used to view the different colors of light produced by a source of light