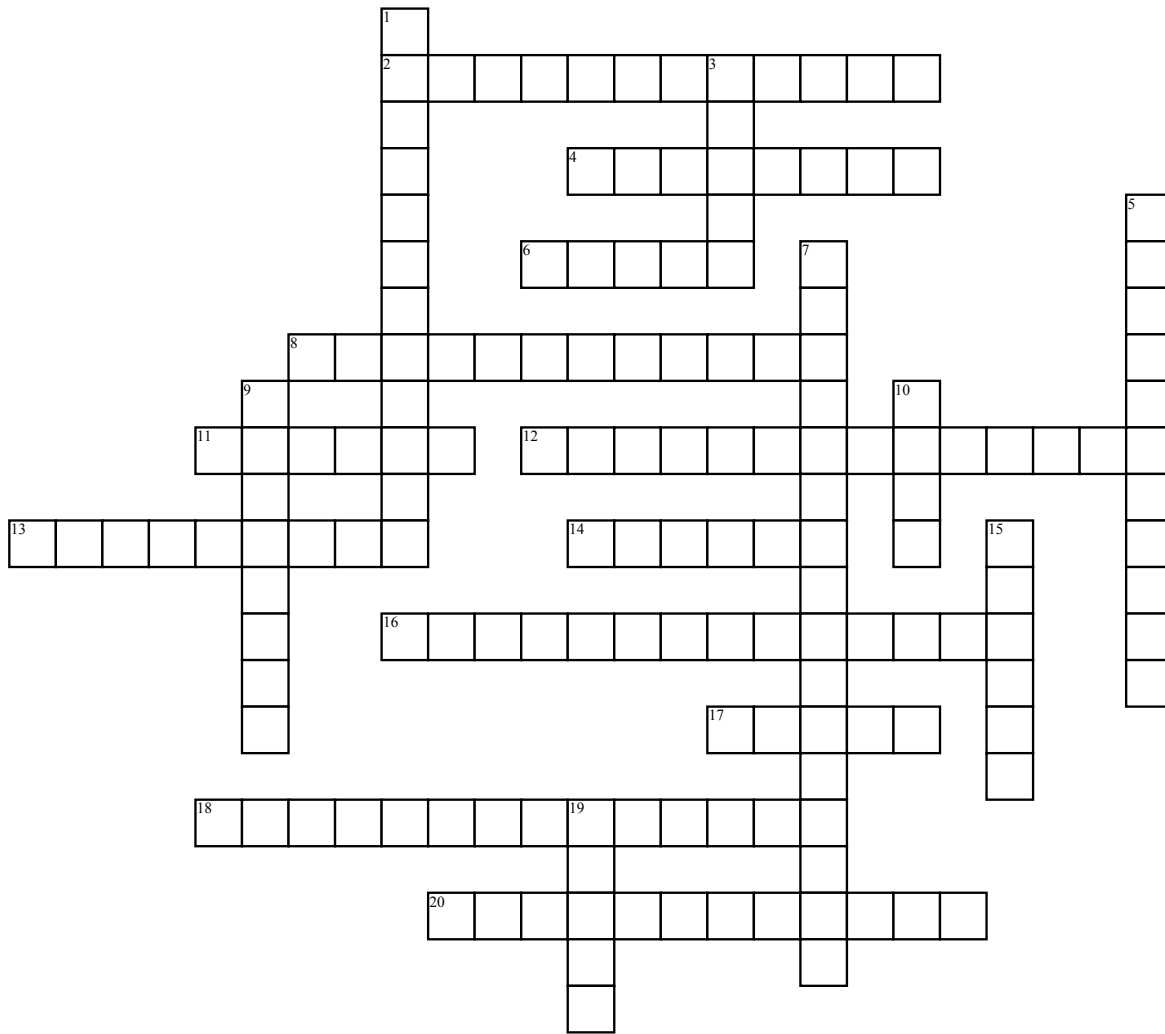


Physical science crossword puzzle



Across

2. the overall rate of speed at which an object moves at a not-constant rate (distance/time)
4. change from a liquid to a solid
6. the state in which matter has a definite shape and volume
8. ability to burn
11. (state of matter) which takes the shape of its container and has a definite volume
12. A wave that requires a medium through which to travel
13. A process in which a chemical substance changes because of the addition of oxygen.

14. the state of matter that does not have a definite shape or volume and whose particles have been broken apart
16. A place or object used for comparison to determine if an object is in motion
17. the steepness of a line on a graph equal to its vertical change divided by its horizontal change
18. A change in the size, shape, color, or state of matter
20. The rate at which velocity changes, increasing speed, decreasing speed, or changing direction.

Down

1. the change of state from a liquid to a gas

3. the distance an object travels per unit of time
5. Part of a longitudinal wave where the particles of the medium are close together
7. Any characteristic material that can be observed without changing the identity of the material itself
9. how much ground is covered by a moving object from start to finish?
10. A disturbance that transfers energy from place to place.
15. the state in which one object's distance from another object is changing
19. the highest part of a transverse wave