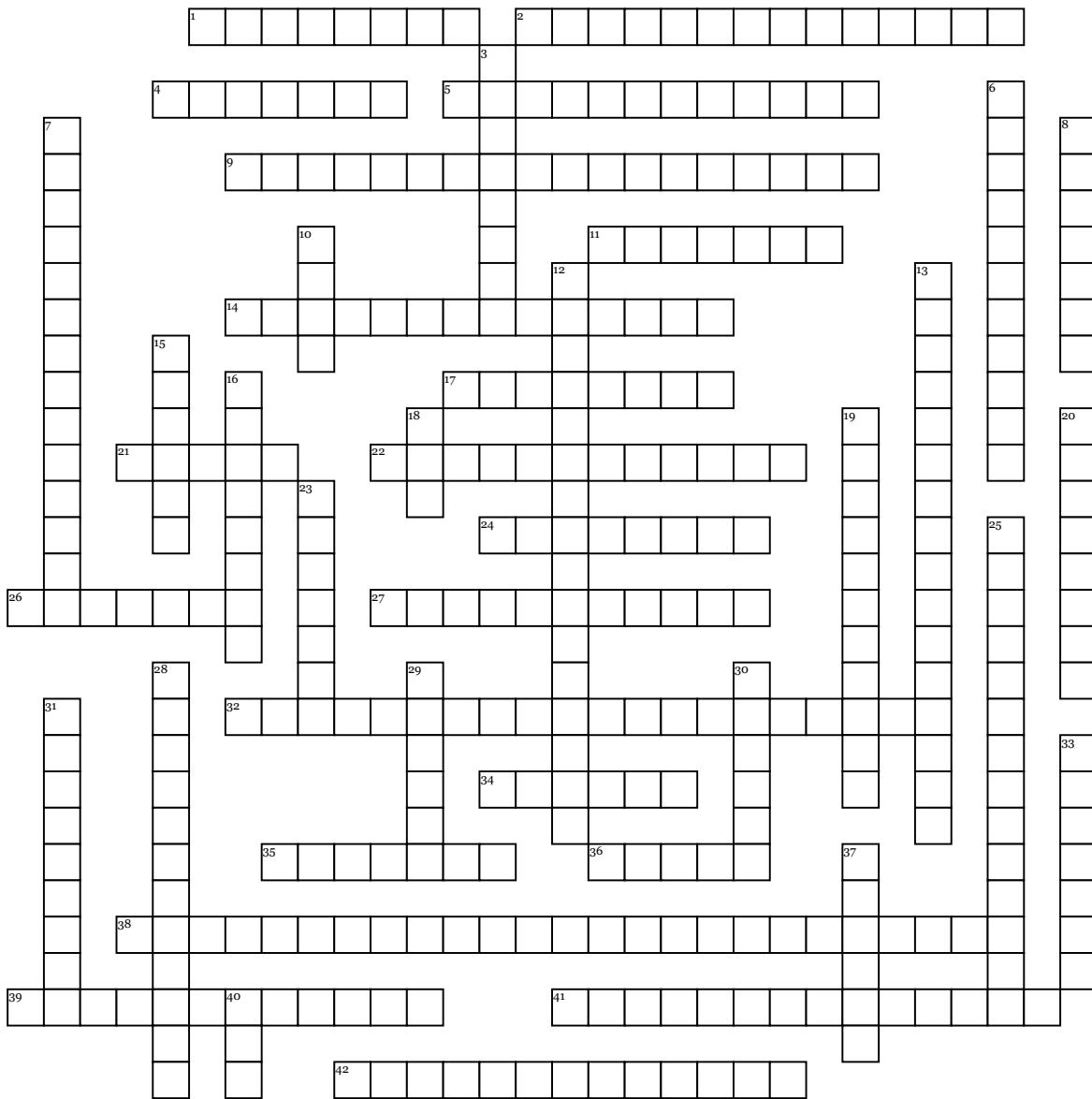


Matter Crossword

**Across**

1. The change from a liquid state to a solid state
2. a change from one kind of matter to another kind
4. is the amount of matter that completely fills a given volume
5. The temperature at which a substance changes from a liquid to a gas
9. a mixture that is uniform in composition; components are evenly distributed and not easily distinguished
11. a combination of two or more substances in which they stay the same
14. an electric charge that is greater than zero
17. to mix into a liquid
21. the smallest unit of an element that still has the properties of that element
22. The ability of an object to transfer heat or electricity to another object
24. A mixture that forms when one substance dissolves another.
26. a particle that has no charge
27. The process that occurs when vaporization takes place only on the surface of a liquid
32. A mixture that is not uniform in composition; components are not evenly distributed throughout the mixture

34. what things are made up of.
35. the center of a nitrogen atom
36. The state of matter that has a definite shape and volume
38. Matter is not created nor destroyed in any chemical or physical change
39. The temperature at which a substance changes from a solid to a liquid
41. One of the three forms that matter can exist in solid, liquid, gas Plasma is also considered matter and is found in stars
42. The temperature at which a substance changes from a liquid to a solid
- Down**
3. to or more atoms joined together
6. The change from a solid directly to a gas
7. affects only its shape, size or state of matter
8. atoms above no electric charge
10. The amount of matter that something has
12. a characteristic of a pure substance that can be observed without changing it into another substance
13. a characteristic of pure substance that describes its ability to change into a different substance
15. a particle that has a positive charge
16. when two or more elements combine
18. an atom or molecule with a net electric charge due to the loss or gain of one or more electrons.
19. The average kinetic energy of the individual particles
20. a particle that has a negative charge
23. a substance that cannot be broken down into a simpler substance
25. an electric charge that is less than zero
28. The change from a gas to a liquid
29. the amount of space that matter takes up
30. The state of matter that has a definite volume, but no definite shape
31. a single type of matter
33. The change from solid state to liquid state
37. Matter that has no definite shape or volume; particles are charged
40. The state of matter that does not have a definite shape or volume