**Properties of Matter**



Across

5. The temperature at which a substance changes from a solid to a liquid

8. The solid form of many minerals in which you can see a definite structure of cubes or blocks with a regular pattern

9. The amount of matter per unit volume

10. State of matter where a substance takes the shape of its container and always fills the entire container

11. A measure of the resistance of a solid to being scratched or dented

14. The ability of a substance to dissolve in a solvent such as water

Down

1. The temperature at which a substance changes from a liquid to a gas

2. Describes the behavior of a substance as it becomes a new substance.

3. refers to how easily a liquid flows

4. The ability of a substance to be pulled into wires

5. the ability of a substance to be hammered or bent into different shapes

6. A characteristic or description of a substance that may help to identify it.

7. Property that describes the ability of a substance to react with oxygen to produce carbon dioxide

12. State of matter where a substance has a fixed shape and a fixed volume

13. State of matter where a substance will take the shape of its container but has a fixed volume