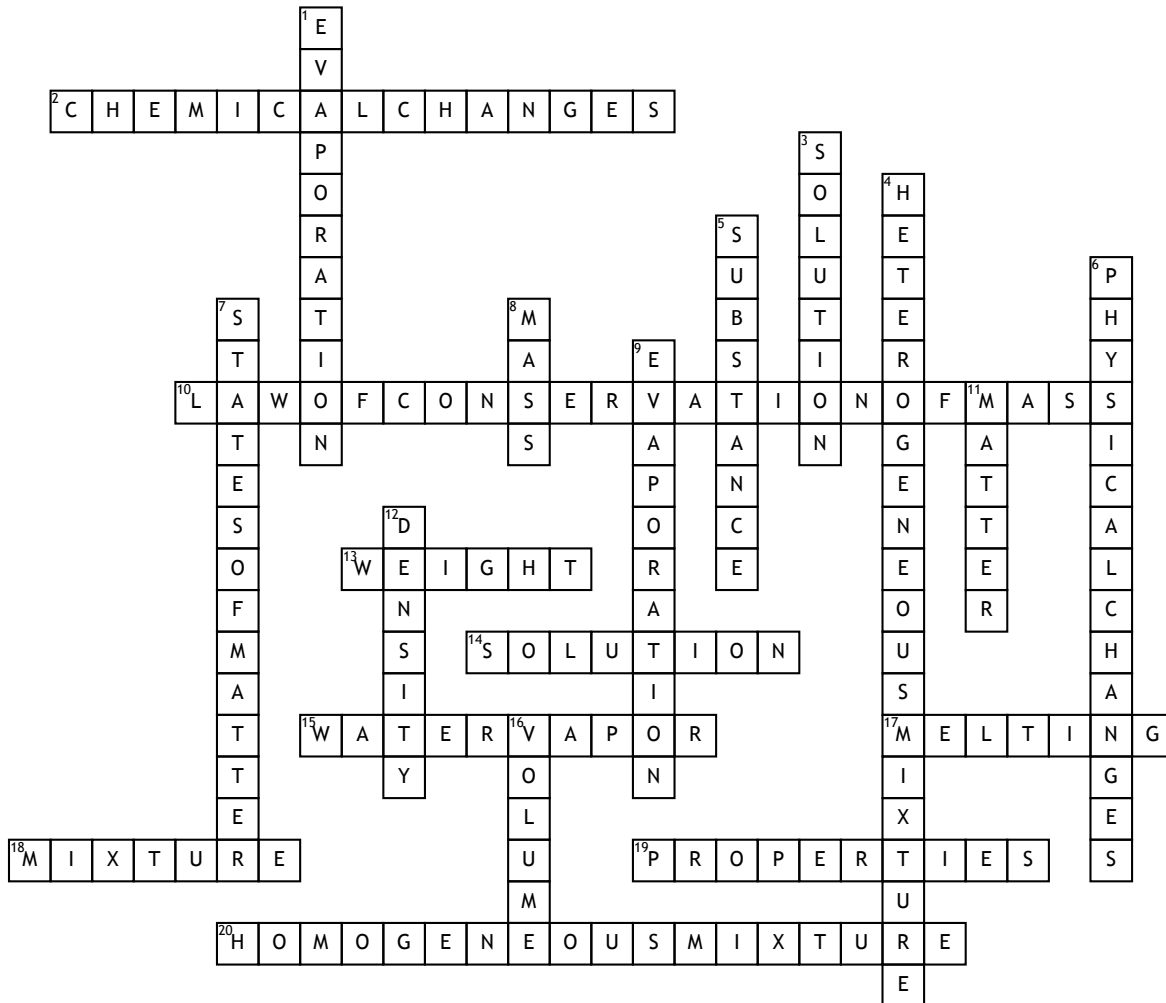


properties and changes of matter



Across

- 2. when any state of matter changes its substance that cannot be reversible
- 10. States that mass is neither created nor destroyed during a chemical reaction but is conserved
- 13. how strongly gravity pulls on an object
- 14. A uniform mixture that may contain solids, liquids, or gases; also called a homogeneous mixture
- 15. the gaseous state of water
- 17. the change from a state from a solid to a liquid
- 18. A physical blend of two or more pure substances in any proportion in which each substance retains its individual properties; can be separated by physical means
- 19. the characteristics of a substance.

- 20. One that has a uniform composition throughout and always has a single phase; also called a solution

Down

- 1. state a substance reaches when it changes from a solid or liquid to a gas either at room temperature or boiling temperature.
- 3. one substance is mixed with another and dissolves in the substance
- 4. One that does not have a uniform composition and in which the individual substance remain distinct
- 5. A form of matter that has a uniform and unchanging composition; also known as a pure substance
- 6. when any state of matter changes, but can come back to its original shape
- 7. matter are observable in everyday life: solid, liquid, gas, and plasma

- 8. the amount of matter in an object
- 9. when the farthest particles on the surface of the liquid escape into the air and become gas
- 11. is anything that takes up space
- 12. the measure of how tightly matter is packed in an object, whether how an object will float or sink, and is a combination of mass and volume
- 16. the space it takes up an object/ can be measured