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|  matter |  |  Anything that has mass and takes up space. |
| mass |  | The measure of how much matter is in an object. |
| volume |  | The amount of space an object takes up. |
| atoms |  | The smallest units of matter. The basic building blocks of all matter. \_\_\_\_\_\_ are made up of protons, neutrons, and electrons. |
| physical property |  | Anything you can observe about an object by using one or more of your senses. For example, color, texture, size, shape, volume, odor, etc. |
| plasma  |  | The state of matter that is an electrically charged gas. Found in stars, lightning, and some lightbulbs.  |
| gas |  | State of matter with **no definite shape** and **no definite volume**.  |
| solid |  | State of matter with **a definite shape** and **a definite volume**. |
| liquid |  |  State of matter that has **a definite volume**, but **no definite shape**. |
| precipitation |  | The liquid and solid water particles that fall from the clouds.For example, rain, snow, sleet, or hail.  |
| temperature |  | The measure of how hot or cold something is. |
| heat |  | The movement of thermal energy. |
| evaporation |  | When thermal energy is added, and a liquid becomes a gas.Example: boiling a pot of water |
| energy |  | The ability to do work. |
| condensation |  | When thermal energy is taken away, and water vapor (gas) changes into a liquid.Example: water that gathers on a bathroom mirror after a hot shower  |
| Chemical Change |  | Physical Change or Chemical Change burning wood |
| Chemical Change |  | Physical Change or Chemical Change rusting |
| Physical Change |  | Physical Change or Chemical Change cutting a sheet of paper |
| Chemical Change |  | Physical Change or Chemical Change baking a cake |
| Physical Change |  | Physical Change or Chemical Change chopping wood |
| Physical Change |  | Physical Change or Chemical Change an ice cube melting  |
| Physical Change |  | Physical Change or Chemical Change breaking a drinking glass |
| Chemical Change |  | Physical Change or Chemical Change rotting fruit |
| Physical Change |  | Physical Change or Chemical Change freezing juice into a popsicle |
| Chemical Change |  | Physical Change or Chemical Change digestion |
| gas |  | Based on the arrangement of the atoms, is this a solid, liquid, gas, or plasma?See the source image |
| solid |  | Based on the arrangement of the atoms, is this a solid, liquid, gas, or plasma?See the source image |
| plasma |  | Based on the arrangement of the atoms, is this a solid, liquid, gas, or plasma? |
| liquid |  | Based on the arrangement of the atoms, is this a solid, liquid, gas, or plasma?See the source image |
| 0° Celsius |  | What is the **Celsius** **freezing** point of water?(a liquid becomes a solid) |
| 32° Fahrenheit |  | What is the **Fahrenheit** **freezing** point of water?(a liquid becomes a solid) |
| 100° Fahrenheit |  | What is the **Celsius** **boiling** point of water?(a liquid becomes a gas) |
| 212° Fahrenheit |  | What is the **Fahrenheit** **boiling** point of water?(a liquid becomes a gas) |
| Physical Change |  | A change from one state to another without changing the chemical properties of the substance.Ex. changing size, shape, or form. |
| Chemical Change |  | A change that causes a new substance to be formed. |