Vocab	Quiz	Date:	
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5th Grade Physical Science

Properties of Matter Vocabulary

- Physical property property that does not change the chemical composition of an object, including mass, weight, hardness, physical state, density, solubility, or conductivity
- 2. Volume how much space matter takes up
- 3. <u>Density</u> how tightly matter is packed into a given space
- 4. <u>Reflection</u> energy waves bouncing off the surface of an object
- 5. <u>Hardness</u> how easily the smooth surface of a mineral can be scratched
- 6. Solubility measurement of the ability of a solid to dissolve in a liquid
- 7. Matter anything that has mass and takes up space
- 8. Atom the smallest unit of an element that retains the properties of that element
- 9. Molecule when two or more atoms join together and share electrons
- 10. Mass the amount of matter in an object
- 11. <u>State of matter</u> form in which matter exists depending on its density of particles at certain temperatures
- 12. <u>Physical Change</u> Changing materials into different shapes or smaller pieces; heating and cooling and melting and freezing
- 13. Thermal conductivity measure of a substances capability to transfer heat
- 14. <u>Electric conductivity</u> measure of a substances capability to transfer electricity
- 15. <u>Insulator</u> material that does not transfer heat or electricity well

Also know:

Relative Density – who dense something is compared with a reference material