



Lesson 2 Chemistry

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1. matter	anything that has mass and takes up space
2. mass	the amount of matter in an object
3. Weight	A measure of the force of gravity on an object
4. Solid	A form of matter that has a definite shape and volume
5. liquid	A state of matter that has no definite shape but has a definite volume.
6. Gas	A state of matter with no definite shape or volume
7. Condensation	the process by which a gas changes to a liquid
8. Evaporation	The change of a substance from a liquid to a gas
9. Sublimation	the process in which a solid changes directly into a gas (dry ice)
10. Proton	positively charged particle
11. Neutron	A subatomic particle that has no charge and that is found in the nucleus of an atom
12. Electron	A subatomic particle that has a negative charge
13. protein	An organic compound that is made of one or more chains of amino acids, used for growth and repair
14. Carbohydrates	provides energy, basic building block is a monosaccharide.
15. lipids	fats used to store energy. Makes up the cell membrane. do not mix with water
16. nucleic acids	stores information, basic building block is a nucleotide; examples DNA and RNA
17. monosaccharide	one sugar, little energy available



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18. polysaccharides	many sugars, a lot of energy available
19. two thirds	amount of water that makes up a cell
20. Osmosis	Diffusion of water through a selectively permeable membrane
21. hypertonic	more water inside cell than outside. water moving out of the cell; dehydration
22. hypotonic	more water outside cell than inside; water moving in.
23. isotonic	water equal inside and outside cell
24. lysis	cell bursting
25. acid	less than 7, tastes sour, fruits and juices, reacts with metal
26. base	above 7, tastes bitter, slippery, cleaning products, does not react with metal
27. neutral	7 on the pH scale