

NTI # 9 Biology

NAME: _____

Date: _____

Across

3. the process in which plants use the sun's energy to convert carbon dioxide and water into glucose.

6. wearing away; typically the washing away of sand or rock by running water or wind.

9. nucleic acid in the cells of an organism; contains the genes of the organism and transmits these to future generations.

10. an organic compound like sugar or starch that contains carbon, hydrogen, and oxygen in the ratio 1 :2: 1 ; the human body's main source of energy.

12. a chemical substance secreted by a gland of the body that affects other parts of the body

13. a substance that speeds up a chemical reaction without being changed by the reaction.

14. in a physics sense, the amount of mass per unit volume; in a more general sense, the quantity per unit area or volume.

Down

1. the pressure exerted by the atmosphere on every part of Earth's surface, approximately 10 newtons per square centimeter (1 0 N/cm²) .

2. the exact amount of substance dissolved in a given amount of solvent; refers to a solution.

4. a simple sugar that is broken

down to provide energy to an organism.

5. the composition or combination of parts or elements so as to form a whole.

7. a complex carbohydrate found in potatoes, rice, corn, and many other vegetables.

8. a numerical scale from 1-14 representing the acidity or alkalinity of a solution; 1 is very acidic, 14 is very alkaline, and 7 is neutral.

11. the movement of liquid through a membrane.

13. a sample in which no variables are tested, thus serving as a basis for comparison.



