**2nd Nine Weeks Vocabulary List:**

1. **Protein**

* a long chain of amino acid molecules; contains carbon, oxygen, hydrogen, nitrogen, and sometimes sulfur.

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1. **Lipid**

* A large macromolecule that does not dissolve in water (H₂O).

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1. **Carbohydrate**

* A macromolecule made up of one or more sugar molecules, which are composed of carbon, hydrogen, and oxygen; usually the body’s major source of energy.

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1. **Diffusion**

* The movement of substances from an area of higher concentration to an area of lower concentration.

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1. **Osmosis**

* The diffusion of water (H₂O) molecules only through a membrane.

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1. **Active transport**

* The movement of substances through a cell membrane using the cell’s energy.

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1. **Endocytosis**

* The process during which a cell takes in a substance by surrounding it with the cell membrane.

(example: amoeba)

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1. **Exocytosis**

* The process during which a cell’s vesicles release their contents outside of the cell.

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1. **Cellular respiration**

* A series of chemical reactions that convert the energy in food molecules into a usable form of energy called ATP.

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1. **Glycolysis**

* A process by which glucose, a sugar, is broken down into smaller molecules.

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1. **Macromolecule**

-substance in cells that forms when many small molecules join together.

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**12. Passive transport**

- the movement of substances through a cell membrane without using the cell’s energy.

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