**Human Body and Cells Vocabulary**

Directions: For each vocabulary word, **draw a picture** to illustrate the word. Then use the word in a **meaningful sentence**.

1) **Cell**: the basic unit of life

2) **Nucleus**: the center or brain of a cell

3) **Specialized cells**: cells that have special jobs and are shaped to that job (ex. Neurons send messages in the brain)

4) **Multi-cellular**: made of many cells

5) **Unicellular:** single-celled; a living thing made of only one cell

6) **Permeable**: able to pass through

7) **Organism**: an individual living thing (can be unicellular or multi-cellular)

8) **Offspring**: the young of a person, animal, or plant

9) **Parents**: animals (including humans) or plants that produce offspring

10) **Genetic**: having to do with heredity (a trait offspring acquires from its parents)

11) **Characteristics**: qualities of an organism

12) **Inherited**: characteristics from parents

13) **Traits:** distinguishing characteristics

14) **Likeness**: similar or nearly the same

15) **Generation**: a group of individuals born and living at the same time, such as siblings

16) **DNA** (deoxyribonucleic acid): material in life forms that transfer genetic characteristics from parents to offspring

17) **Tissue**: similar cells with a specific function

18) **Organ**: a part of a system that is made of cells and tissues and is specialized to do a particular task

19) **Cardiovascular system (circulatory system):** the body system responsible for moving blood, oxygen, and nutrients all over the body, so all cells have the nutrients and oxygen they need (important organs: heart, arteries, veins, capillaries)

20) **Respiratory system:** the body system responsible for inhaling and exhaling (important organs: lungs, trachea, and bronchial tubes)

21) **Excretory system**: the body system responsible for removing waste from the body (important organs: intestines, lungs – removing carbon dioxide)

22) **Nervous system:** the body system responsible for sending messages throughout the body and controlling the other systems (important organs: spinal cord and brain)

23) **Digestive system**: the body system responsible for absorbing food and turning it into nutrients for the body

24) **Muscular system:** the body system responsible for movement (important organs: skeletal muscles)

25) **Skeletal system**: the body system responsible for supporting and protecting the body (important organs: ribs, cranium, etc.)