**Quarter Three Vocabulary Words – Cells and Human Body**

1. Unicellular – made up of one, single cell
2. Multicellular – made up of many cells
3. Structure – the way in which parts of an organism or organelle are shaped or arranged
4. Function – the activity something is responsible for, its role, its purpose
5. Homeostasis – the process in which a living organism maintains a balanced internal environment
6. Cell Wall – provides structure to plant cells
7. Cell membrane – forms the flexible outer boundary of the cell
8. Nucleus – directs the activity of the cell and contains DNA
9. Nuclear Membrane – the flexible outer boundary which protects the nucleus
10. Cytoplasm – a gel like material inside the cell, it contains water and nutrients for the cell
11. Vacuole – storage area for the cell
12. Mitochondria – break down food to make energy for cells
13. Chloroplasts – convert sunlight into energy in plant cells
14. Levels of Organization – the idea that living things are organized in the following order: cells 🡪 tissue 🡪 organ 🡪 organ system 🡪 organism
15. Skeletal System – the body system responsible for support and protection
16. Muscular System
17. Circulatory System – the body system responsible for moving blood rich in nutrients and oxygen around the body and returning it to the heart
18. Blood Vessels – the series of tubes within the body which transport for our circulatory system
19. Blood – a fluid in the body which delivers nutrients and oxygen to the body as well as removes carbon dioxide and other wastes
20. Respiratory System – the body system responsible for the intake of oxygen and the release of carbon dioxide
21. Lungs – the organ responsible for the exchange of oxygen and carbon dioxide
22. Digestive System – the body system responsible for breaking down food into fuel
23. Nervous System – the body system responsible for helping your body respond to stimuli and react accordingly
24. Stimulus – something that causes a response in an organism or part of the body
25. Excretory System – the collection of body systems responsible for removing waste from the body (urinary, respiratory, and digestive)