

## Unit A Chapter 1 Study Guide – Science

1. Cell
2. Cell Membrane
3. Nucleus
4. Cytoplasm
5. Diffusion
6. Osmosis
7. Tissue
8. Organ
9. System
10. Capillaries
11. Alveoli
12. Nephrons
13. Bone marrow
14. Joints
15. Tendons
16. Ligaments
17. Neuron
18. Receptors

19. Be able to tell the difference between animal cells and plant cells.
20. Be able to identify the parts of a cell.
21. Compare and contrast passive transport with active transport.
22. List the 4 kinds of tissue and where they are found in the body.
23. Tell the function of the arteries and veins.
24. Explain how the respiratory system and the circulatory system rely on each other.
25. Compare the different types of bones and joints and where they are found in the body.
26. Know how tendons differ from ligaments.
27. List the 3 types of muscle and how they are used in the body.
28. Know why a nerve can carry a signal to and from the brain, but a neuron cannot.