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| **Body Systems - Pupil Learning Outcomes** | **** | **** | **** |
| I can state the meaning of the word digestion. |  |  |  |
| I can name and identify the organs of the digestive system. |  |  |  |
| I can explain what happens in each part of the digestive system. |  |  |  |
| I can state that enzymes break down food. |  |  |  |
| I can state that different enzymes are needed to breakdown different food types. |  |  |  |
| I can state that enzymes are found in digestive juices. |  |  |  |
| I can describe the main properties of enzymes. |  |  |  |
| I can state that an enzymes activity can be affected by temperature and pH. |  |  |  |
| I can state that undigested food is eliminated from the body. |  |  |  |
| I can state that the lungs are the organs involved in breathing. |  |  |  |
| I can identify the location of the lungs, rib cage and diaphragm in humans. |  |  |  |
| I can describe the movement of the lungs, ribs, rib cage and diaphragm during breathing. |  |  |  |
| I can describe the pathway of air from the mouth into the air sacs. |  |  |  |
| I can state that oxygen moves from the air sacs into the blood and carbon dioxide  moves from the blood into the air sacs to be breathed out. |  |  |  |
| I can state the differences between inhaled and exhaled air. |  |  |  |
| I can state that oxygen and carbon dioxide are carried around the body in the blood. which is pumped by the heart. |  |  |  |
| I can state that blood is pumped around the body by the heart. |  |  |  |
| I can state that the heart is a muscle and as it contracts and relaxes blood is pushed around the body in the circulatory system. |  |  |  |
| I can state that blood is carried in blood vessels called Arteries, Veins and Capillaries |  |  |  |
| I can state that blood is important for carrying useful substances and for  protection against invading microorganisms. |  |  |  |
| I can state that the blood contains plasma, red blood cells, white blood cells  and platelets. |  |  |  |
| I can state that there are two main types of microorganisms that  attack our bodies, bacteria and viruses. |  |  |  |
| I can name some common bacterial and viral infections. |  |  |  |
| I can state that antibiotics are used to fight bacterial infections but  they don't work on viral infections. Only the body’s immune system can fight a virus. |  |  |  |
| I can explain the role of white blood cells and platelets in fighting infections. |  |  |  |
| I can describe how antibodies work. |  |  |  |
| I can describe how vaccinations give protection from infections. |  |  |  |
| I can explain how the growth of microorganisms can be controlled. |  |  |  |
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