

Science Primary 6 – Sub unit 1.2 and 1.3

Answer the questions below, using these word banks (It can be use more than 1)

Blood	digested	Oxygen	water
Veins	Vessels	Heart	Arteries
Capillaries	Pulse	Ventricle	Atria

1. The circulatory system in humans consists of three main parts: (1) a fluid (\_\_\_\_\_) that transports substances in the body; (2) blood \_\_\_\_\_ that carry the blood; and (3) a \_\_\_\_\_ that pumps the blood round the body.
2. Our heart pumps the blood rich in \_\_\_\_\_, to all parts of our body. Our blood also transports \_\_\_\_\_ food and \_\_\_\_\_ to all parts of our body.
3. There are three kinds of blood vessels: A\_\_\_\_\_, V\_\_\_\_\_, and C\_\_\_\_\_. Each of these plays a very specific role in the circulation process.
4. A\_\_\_\_\_ pump blood away from the heart to the rest of the body. This types have a thick muscular wall which contracts and forces the blood along. This can be felt as a pulse. They carry oxygenated blood, except for the pulmonary artery.
5. \_\_\_\_\_ are a network of tiny blood vessels that connect the arteries and veins. This types release substances such as oxygen and digested food molecules into the cells and carry away waste substances such as carbon dioxide from cells. They have thin walls.
6. \_\_\_\_\_ carry blood to the heart. Some of this type have one-way valves to stop blood from flowing backwards. They are wider than arteries and have thinner walls. They carry de-oxygenated blood, except for the pulmonary veins.
7. You can count you heartbeats by feeling your \_\_\_\_\_
8. The \_\_\_\_\_ side of the heart pumps blood that contains oxygen to the rest of the body.
9. The \_\_\_\_\_ side pumps blood without oxygen to the lungs.
10. The heart is made up of four chambers. The upper two chambers are called \_\_\_\_\_ (singular: atrium) and the lower two are known as \_\_\_\_\_ (singular: ventricle)