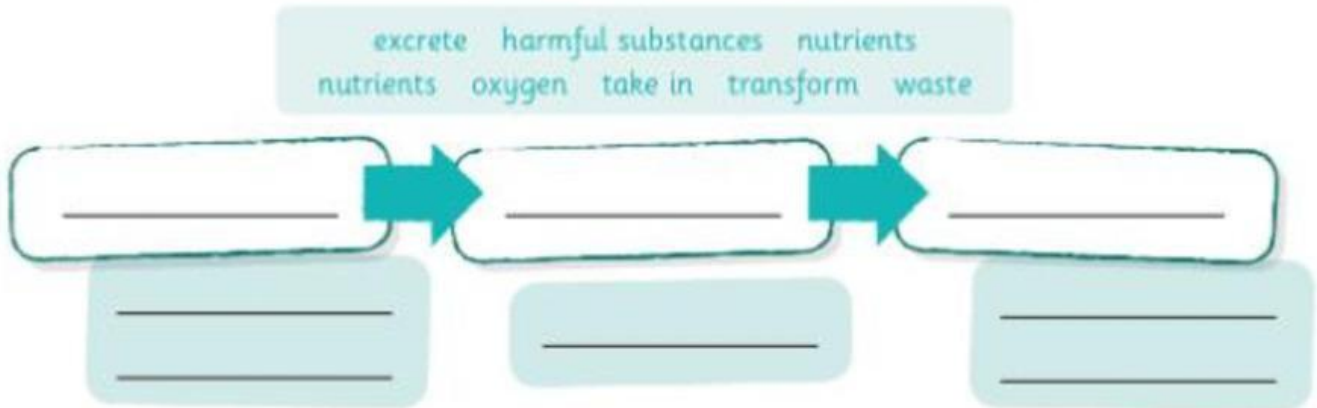# 6º GRADE - NATURAL SCIENCE – UNIT 2

1. **Fill in the diagram with words from the box to show the process of nutrition.**

excrete   harmful substances   nutrients
nutrients   oxygen   take in   transform   waste

2. **Write ARTERIES, VEINS or BOTH.**

a) These are blood vessels. _____

b) These carry deoxygenated blood back to the heart. _____

c) These connect to capillaries to allow gas exchange. _____

d) These transport oxygenated blood around the body. _____

3. **Place the sentences about inhalation and exhalation in the correct column. Use only the letters (from A to J).:**

Inhalation	Exhalation

a Oxygen goes into the lungs.

b The diaphragm rises.

c Oxygen moves into the blood.

d Carbon dioxide flows from the alveoli through bronchioles, bronchi and to the trachea.

e Carbon dioxide moves out of the blood.

f The diaphragm relaxes.

g The diaphragm lowers.

h Oxygen flows from the trachea through bronchi, bronchioles and to the alveoli.

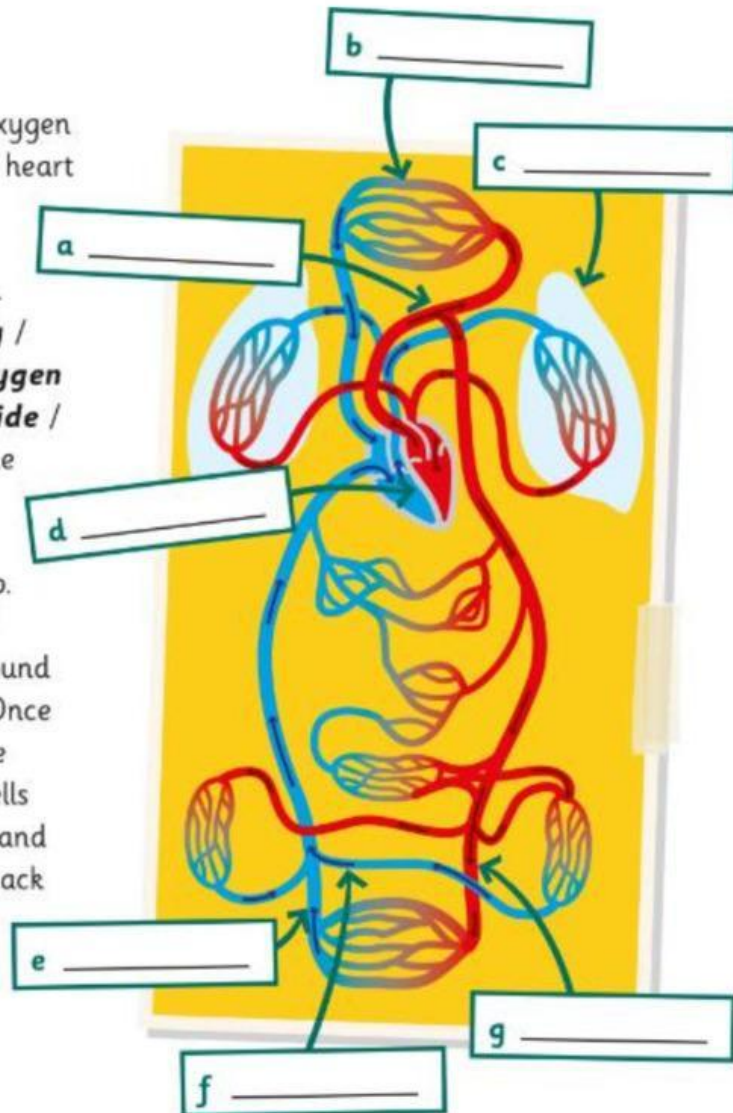i The diaphragm contracts.

j Carbon dioxide goes out of the lungs.

4. Choose the correct word from the box to complete each sentence about the circulatory system. There are more words than you need.:

Circulation / Circulatory is the movement of blood, which carries oxygen and nutrients around the body. The heart pumps the blood in two loops.

The first loop is the pulmonary loop. The heart pumps blood to the **body / lungs** where **carbon dioxide / oxygen** is expelled and where **carbon dioxide / oxygen** is picked up. Afterwards, the blood returns to the **body / heart**.

The second loop is the systemic loop. Blood filled with **carbon dioxide / oxygen** is pumped by the heart around the body by the **arteries / veins**. Once the blood reaches the capillaries, the oxygen is expelled, and the blood cells pick up **carbon dioxide / oxygen** and other waste. Then the blood flows back to the heart through the **arteries / veins**.

b _____

c _____

a _____

d _____

e _____

f _____

g _____

5. Write TRUE or FALSE:

a) If a person is bleeding, apply pressure to the wound. _____

b) If someone is unconscious, do not check their breathing. _____

c) You should always move someone who has a broken bone. _____