

Animals
Including
Humans

The movement of blood, oxygen and nutrients around the body.

CIRCULATION

The red liquid which travels around the body.

BLOOD

The type of food a person eats.

DIET

A pair of breathing organs in the chest which remove carbon dioxide from and bring oxygen to the blood.

LUNGS

They help carry blood around the body. Some examples are arteries, veins and capillaries.

BLOOD VESSELS

A substance which can have an effect on the body.

DRUGS

An organ in the body that pumps blood around the body.

HEART

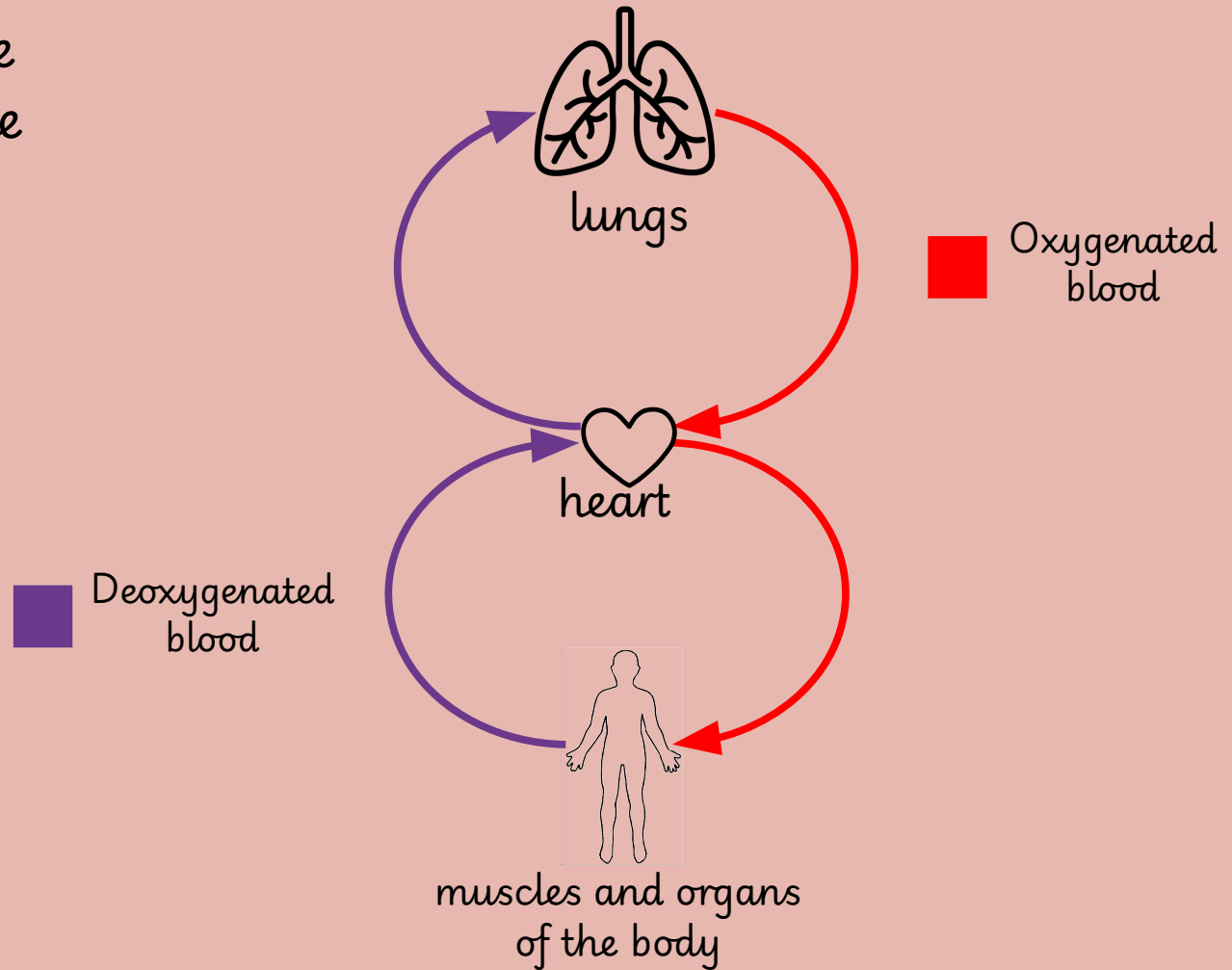
An activity which needs physical effort.

EXERCISE

Something that gives your body nourishment to grow.

NUTRIENTS

Task 1: Draw a simple diagram of the double circulatory system



Task 2: Explain what the double circulatory system is:

Blood returning from the muscles and organs is deoxygenated.

The heart pumps this blood to the lungs so it can collect oxygen.

This now oxygenated blood flows back to the heart to be pumped to the muscles and organs in the body. This process is continuous.

This is called a **double** circulation system because both oxygenated and deoxygenated blood circulate at the same time.

pumps

deoxygenated
pumped

continuous
oxygen

lungs
heart

oxygenated