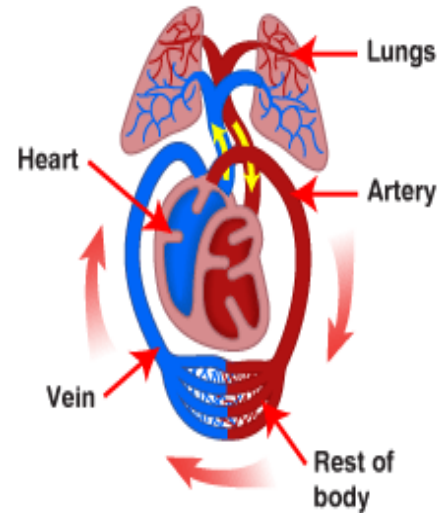
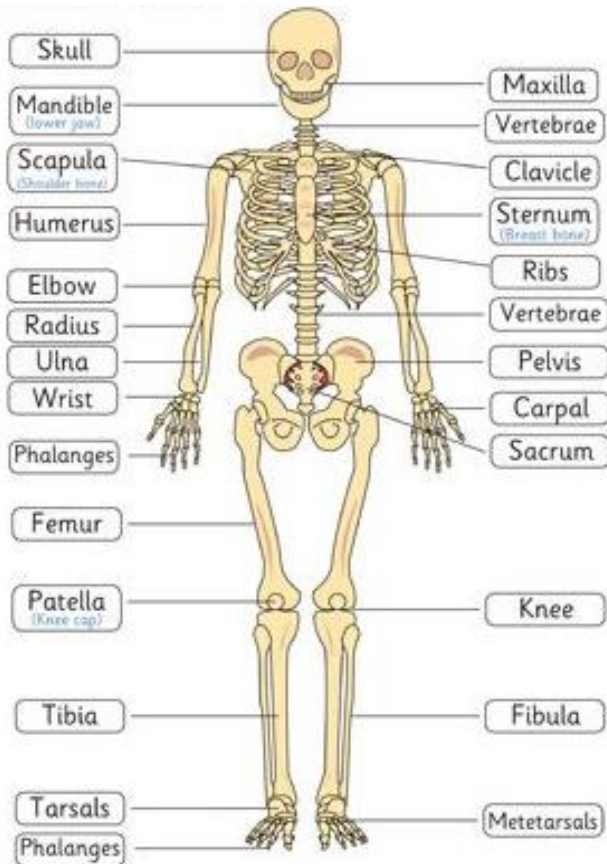


# Animals, Including Humans



## Key Vocabulary

**Arteries** – Muscular-walled tubes that transport blood from the heart to other parts of the body

**Blood** – Red liquid that circulates in arteries and veins, carrying oxygen to and carbon dioxide from tissues of the body

**Blood vessel** – A tubular structure carrying blood through the tissues and organs

**Bones** – Hard whitish tissue making up the skeleton in humans and other vertebrates

**Circulatory system** – The system that circulates blood through the body, including the heart, blood vessels and blood

**Heart** – A hollow muscular organ that pumps the blood through the circulatory system

**Lungs** – Pair of organs situated within the ribcage where oxygen can pass into the blood and carbon dioxide be removed

**Muscles** – A band or bundle of fibrous tissues that have the ability to contract, producing movement in or maintaining positions of parts of the body

**Nutrients** – A substance that provides nourishment essential for the maintenance of life and for growth

**Organs** – Part of an organism that is typically self-contained and has a specific vital function (e.g. the heart and lungs)

**Veins** – Tubes forming part of the blood circulation system of the body, carrying mainly oxygen-depleted blood towards the heart

**Vitamins** – Organic compounds essential for normal growth and nutrition.

## Crucial Knowledge

- Know that blood travels around the body transporting nutrients that have been absorbed into the blood stream (E.g. Oxygen)
- Know that a heart beats pumping blood around the body, arteries carry blood away from the heart and veins carry blood back to the heart
- Recognise the structure of the heart.
- Know how different lifestyle choices affect our health