

Key Knowledge & Vocabulary

The **circulatory system** includes the **heart**, **veins** and **arteries**. Its function is to transport substances in the **blood**, around the body.


The **respiratory system** includes the **nose** and the **lungs**. It takes in **oxygen** and removes **carbon dioxide**.



The **digestive system** includes the **stomach** and **intestines**. It breaks down **food** and absorbs **nutrients**.


The **reproductive system** includes the **uterus** and **vagina** in women, and the **penis** and **testes** in men. Its function is to create **offspring**.



The **musculoskeletal system** includes **bones** and **muscles**. It supports the body and allows movement.

Working Scientifically

Fair testing 

Observing or measuring  

Researching 

Classifying, identifying and comparing  

Exploring

Which have you used in science lessons and when?

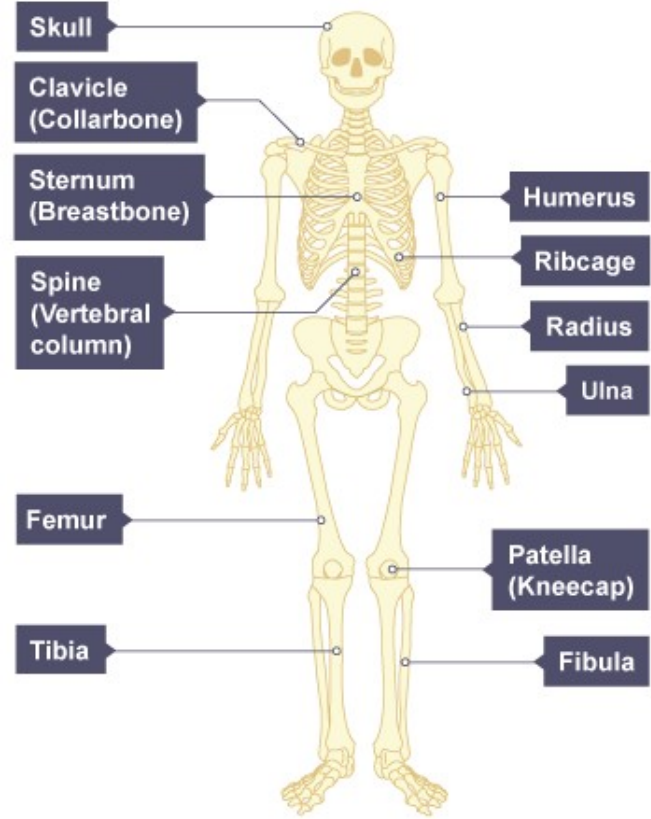
Key Concepts

Living things	Animals	Life cycle	Respiration	Nutrition	Reproduction	Movement
Living things are classified into broad groups according to common observable characteristics and based	Animals can be classified commonly found invertebrates (such as insects, spiders, snails, worms) and vertebrates	There are stages in the growth and development of humans. Changes to our bodies are experienced in puberty.	The human respiratory system contains the organs that allow us to get the oxygen we need and to remove the waste	Animals, including humans, need the right types and amount of nutrition, and that they cannot make their own	There are different types of reproduction, including sexual and asexual reproduction in plants, and sexual reproduction	Humans and some other animals have skeletons and muscles for support, protection and movement

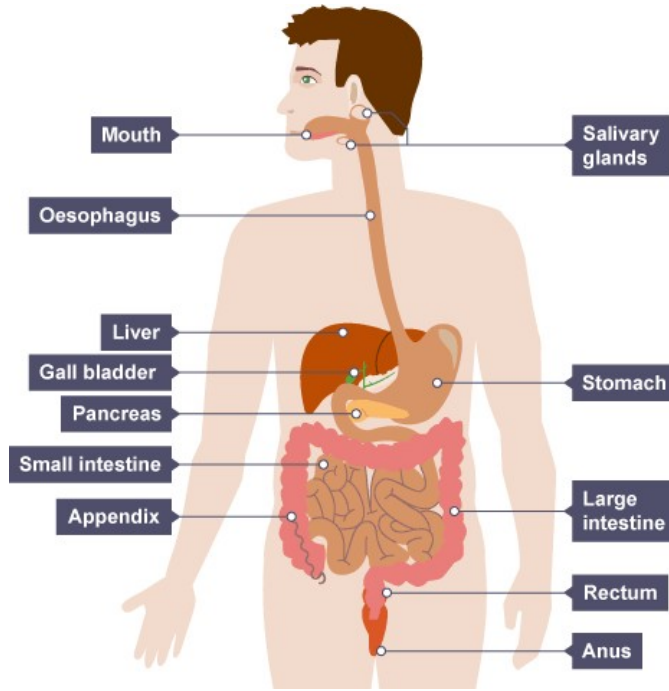
Linking Thinking Across Our Learning Journey

Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Self-care and healthy bodies	Self-care and healthy bodies	Am I an Animal?	Basic needs of living things	Life cycles of plants	Food chains	The Human Body	Evolution and Inheritance

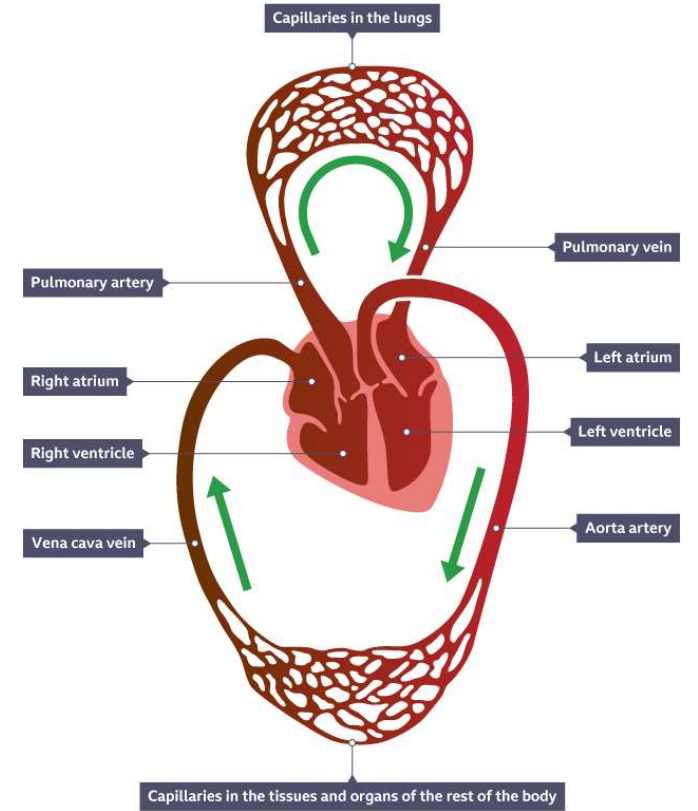
Skeleton



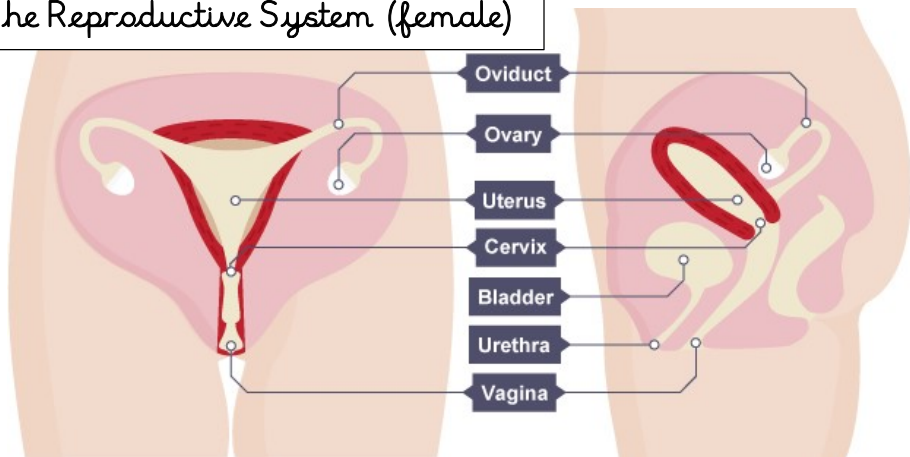
The Digestive System



The Circulatory System



The Reproductive System (female)



The Reproductive System

