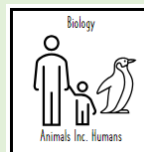


# Biology

## Animals Including Humans



Year 5/6- Autumn 1

### What should I already know?

- The importance of a nutritious, balanced diet
- How nutrients, oxygen and water are transported around the body

### What will I learn?

- The main parts of the human circulatory system are the heart, blood vessels, (arteries, veins capillaries) and blood.
- Blood is made up of 4 different cells, white blood cells, red blood cells, plasma and platelets.
- Capillaries are tiny blood vessels that allow the exchange of nutrients and gasses from the blood into the body and vice versa.
- Diet, exercise, drugs and lifestyle affect the performance of the heart.



### Types of Enquiry

Observing  
changes  
over time

Pattern  
seeking

Identifying,  
groups &  
classifying

Comparative  
and Fair  
testing

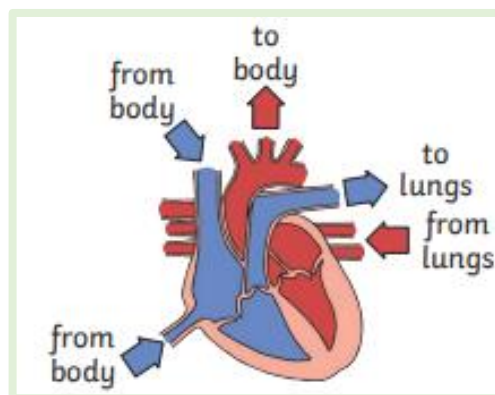
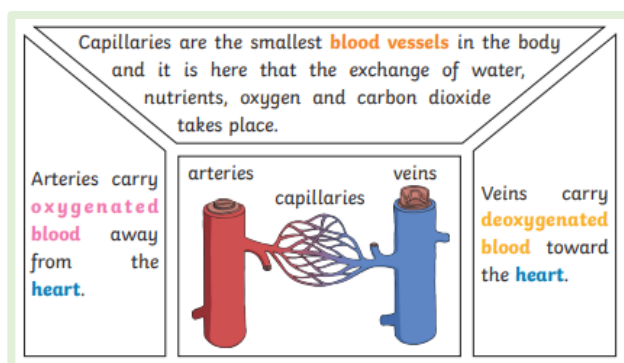
Research

### Tier 3 Vocabulary

Circularity system

Oxygenated Blood

Deoxygenated Blood



### Working Scientifically Skills

### How will I be a scientist?

#### Plan

I will plan investigations to find out what affects the heart rate

I will research the most popular way to exercise

#### Do

I will conduct an investigation to see what might affect heart rate

I will collect data in relation to exercise

#### Record

I will record the affects of the heart rate and will find ways to ensure accuracy

I will interpret the data I have collected

#### Review

I will share the affects of exercise and present my findings to the class

I will present a healthy diet and lifestyle