



LEARNING JOURNEY

Biology

7.4 Why do we breathe?

Why do we breathe?

Respiratory Organs

You will learn about the structure of the lungs and explain how the lungs are adapted to take up oxygen

The Lungs and dissection

You will learn about the structure of the lungs

Breathing

You will learn about the bell jar model and how it is used to model how the lungs work

Lung capacity investigation

You will learn how to measure lung capacity and interpret data

Blood

You will learn about the structure of arteries, veins and capillaries and how they are adapted to their function

The heart

You will learn about the main parts of the heart and how the heart works to pump blood around the body

The heart dissection

You will learn the risks associated with a dissection and how label the structures of the heart

VOCABULARY

Lungs	Capillary
Alveoli	Blood vessel
Artery	Heart
Vein	Blood vessels
Red blood cell	Plasma
White blood cell	Platelets
Antibodies	

Biology is the study of living organisms and their environment.

In this module you build use your previous knowledge or organ systems to explore our breathing system.

You will also explore how the breathing system is adapted to carry out it's job efficiently.

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