

Year 7 Spring Half Term 2

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

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graph LR; A((Why we breathe?)) --> B[Respiratory Organs]; B --> C[The Lungs and dissection]; C --> D[Breathing]; D --> E[Lung capacity investigation]; E --> F[Blood]; F --> G[The heart]; G --> H[The heart dissection];
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Why 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