



Year 8 Biology Learning Map



- TERM 1 -

Respiration

This unit explores the respiratory system in more detail. With a focus on aerobic and anaerobic respiration.

Movement and Health

This unit looks at the locomotor system - bones, muscles and joints. It also considers health and the impact of diet, exercise, drugs and lifestyle on the way our bodies function.



LINKS TO PRIOR LEARNING

From KS2/3, most students should be able to:

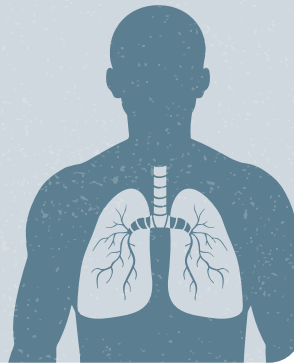
- Recall how cells, tissues, organs and organ systems are related.
- Describe how some cells are adapted for certain functions.
- Identify that humans and some other animals have skeletons and muscles for support, protection and movement (Year 3).



- TERM 2 -

Reproduction

The central focus for learning in this topic is the human reproductive system and sexual reproduction in humans.



LINKS TO PRIOR LEARNING

From KS2/previous units most students will be able to:

- Describe the life process of reproduction in some plants and animals (Year 5).
- Describe the changes as humans develop to old age (Year 5).
- Understand the concept of the cell.
- Recall that some cells are specialised.



- TERM 3 -

All About Plants

This unit covers plant cells, organs and tissues. Students will learn about the process of photosynthesis and reproduction in plants, both sexual and asexual.



LINKS TO PRIOR LEARNING

From KS2 and previous units most students will be able to:

- Recall the seven life processes.
- Recall how cells, tissues, organs and organ systems are related.
- Describe how some cells are adapted for certain functions.
- Describe the life process of reproduction in some plants and animals (Year 5).

