

Year 8

Term 1

SCIENCE

Course Content

The course begins with topics in biology. Students will learn what plants need in order to photosynthesize and how absorption and transport of water and minerals occurs in angiosperms. They will also learn about the structure and function of the respiratory system, reproductive system and circulatory system. Throughout the course students will use several scientific enquiry skills such as planning investigations, identifying variables, making predictions, measuring accurately and presenting results in tables and graphs.

Resources

- Science checkpoint 2
 - Chapter 1, How plants grow
 - Chapter 4, The circulatory system
 - Chapter 5, The respiratory system
 - Chapter 6, Reproduction in humans
- Further resources and links will be posted on *edmodo*.

Assessment

- Investigation and experimental reports 20%
- Worksheets 20%
- End of topic tests 60%
 - How plants grow
 - The circulatory system
 - The respiratory system
 - Reproduction in humans