

Chemistry

Level: Stage 2

Duration: Full Year

Prerequisite: C grade or better in Stage 1 Chemistry

Additional Cost: None

Further Enquiries:

- Please contact Science coordinator Mr Shane Loader
- Phone: 8647 3300

Who Is This Course For?

Students who are interested in understanding how chemistry impacts the use that human beings make of the planet's resources and the impact of human activities on the environment.

What Will I Learn?

In this subject, students are expected to:

- Apply science inquiry skills to design and conduct chemistry investigations using appropriate procedures and safe, ethical working practices
- Obtain, record, represent, analyse, and interpret the results of chemistry investigations
- Evaluate procedures and results and analyse evidence to formulate and justify conclusions
- Develop and apply knowledge and understanding of chemical concepts in new and familiar contexts
- Explore and understand science as a human endeavour
- Communicate knowledge and understanding of chemical concepts, using appropriate terms, conventions, and representations

Topics

The three strands of science to be integrated throughout student learning are:

- Topic 1: Monitoring the Environment
- Topic 2: Managing Chemical Processes
- Topic 3: Organic and Biological Chemistry
- Topic 4: Managing Resources

How will I be assessed?

School Based Assessment:

- Investigations Folio 30%
- Skills and Applications Tasks 40%

External Assessment:

- Examination 30%