



Year 10 Science

Curriculum overview:

This stage 5 Science course requires students to demonstrate skills in written and spoken language, assembling experimental equipment, recording data, interpreting experimental results, using computer technology, research, as well as recall and linking of knowledge and associated concepts.

The Year 10 Science course consists of four separate modules:

- Genetics which involves a brief history of genetics, evolution, genetics and the social implications of genetic engineering;
- Chemistry which covers the fundamentals of chemical reactions and the structure of the Periodic Table;
- Physics which covers the motion of matter and the transmission of energy through wave motion in sound and electromagnetic radiation;
- Astronomy which deals with the evolution of the universe and its general structure.

For the Mid-Course and Final Reports students are assessed in the following areas:

- Knows, understands and recalls facts and concepts;
- Applies information to solve problems;
- Communicates effectively orally and in writing;
- Works safely and efficiently in the laboratory.

Students will be required to complete a major project involving a practical investigation during Term 1 and the beginning of Term 2. This project needs to be completed and handed in at the end of the end of Week 4, Term 2.

The NSW syllabuses can be viewed at: <http://syllabus.nesa.nsw.edu.au/>

Assessment schedule:

NUMBER	TIME	TASK	WEIGHT
1	Term 1 Week 4 (Distributed Term 2, 2017 Week 2)	Research Assignment	20%
2	Term 1 Week 9 (Notification Term 1 2017 Week 7)	Half Yearly Exam	20%
3	Term 2 Week 8 (Notification Term 2 2017 Week 6)	Practical Test	20%
4	Term 3 Week 3 (Distributed Term 2 2017 Week 9)	Practical Project	20%
5	Term 3 Week 9 (Notification Term 3 2017 Week 7)	Yearly Exam	20%
TOTAL:			100%