

Subject:	Science
NCEA Level:	One
Teacher to Contact:	Mrs J Williamson Code: SCI113

Standard		Title	Credits
AS 90935	I	Carry out a practical investigation, with direction, that leads to a linear mathematical relationship	4
AS 90940	E	Demonstrate understanding of aspects of mechanics	4
AS 90944	E	Demonstrate an understanding of aspects of acids and bases	4
AS 90948	E	Demonstrate understanding of biological ideas relating to genetic variation	4
AS 90952	I	Demonstrate understanding of the formation of surface features in New Zealand	4
AS 90953	I	Demonstrate understanding of carbon cycling	4

**E means the Achievement Standard is assessed externally at the end of the year.
I means the Achievement Standard is assessed internally.**

What will I learn?

Biology (DNA, genetics and carbon cycle), Chemistry (acids, bases and fuels), Physics (mechanics – speed, force, pressure, work and power) and practical investigation methods.

How will I learn?

By observation and recording, analysing and interpreting data obtained during practical experiments. By reading, researching and recording relevant facts and communicating ideas through projects, assignments and tests.

What should I have already done?

Demonstrated a good academic record in Year 9 and Year 10 Science and Mathematics. Students must have demonstrated a reasonable level of achievement in the assessments in Year 10 and be recommended by their Year 10 teacher.

Where does the subject lead?

To NCEA Level 2 Chemistry, Physics or Biology provided that you have the relevant Achievement Standards in Level 1 Science. This subject is also needed for many courses at polytechnics.

How is the course assessed?

During the year by unit tests, assignments and examinations.

Other details: (costs, field trips etc)

Stationery: Write-on Manual, which costs \$22.00. A 2B5 exercise book.
Subject Fee: \$10 (includes cost of compulsory Field Trip)

End of course qualifications.

Credits towards the National Certificate of Educational Achievement Level 1.