

Science

Level 1

Course Requirements:

Pass Year 10 Science Final Exam with a minimum of 40%.

Aims:

This is a course designed for students with a primary interest in Science and who are considering specialisation in Chemistry, Physics or Biology at level 2.

Course Content:

The course builds on the understanding of Physics, Biology and Chemistry covered in Years 9 and 10. It will include carrying out a practical investigation in Biology, Chemistry and Physics with supervision and to investigate the implications of the properties of Metals for their use in Society. To demonstrate comprehensive understanding of aspects of mechanics in Physics and demonstrate comprehensive understanding of aspects of genetic variation in Biology.

Where can this subject take you?

Students who perform well will have a sound foundation to take Biology, Chemistry or Physics at Level 2. Students also have the opportunity to take Applied Science Level 2.

Further Assessment Opportunity and Resubmission

(Refer to student Handbook for more information)

A further assessment opportunity occurs after you have submitted work / sat a test for an assessment; you do a new assessment after further learning has taken place. For this course there will be one further assessment opportunity for each standard. A resubmission can be offered to you by the teacher if they believe you can correct errors or omissions in your work in a short period of time; it does not involve a new assessment. A resubmission must take place before the teacher gives any feedback on the work done. There can be only one resubmission.

Appeals (Please refer to student Handbook for more information)

If you are unhappy with any of your results you should discuss this with your teacher. If you are still unhappy then an Appeals form should be completed; this is available from the HoF; forms need to be completed and returned to your HoF within 5 school days of receiving your grade. If you are still not happy you can then see the Principal's Nominee. At NO time, during this process, should you contact NZQA.

Head of Faculty

Mr Chand a.chand@jchs.school.nz

Assessment Chart

Number	Title	Credits	US/AS	Internal/ External	Format	Literacy	Numeracy	Indicative date
AS90944	Demonstrate understanding of aspects of Acids and Bases	4	AS	Ext	Exam		Num	Term 1
AS90948	Demonstrate understanding of Biological ideas relating to Genetic Variation	4	AS	Ext	Exam	L1 Lit		Term 3
Or 90940	Demonstrate understanding of aspects of Mechanics	4	AS	Ext				
Or 90929	Mammals as Consumers	3	AS	Ext				
AS90935	Carry out a practical physics investigation that leads to a linear mathematical relationship with direction	4	AS	INT	Practical Report		Num	Term 2
AS90925	Carry out a practical investigation in a biological context with direction	4	AS	INT	Practical Report		Num	Term 2
AS90930	Carry out a practical chemistry investigation with direction	4	AS	INT	Practical Report		Num	Term 1

Entry into externals will be based on:

Attendance to class. If attendance to class during the year is poor, then the teacher will not enter students into the external standards.
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