

Physics

Level 2

Course Requirements:

Level 2 Physics is on offer for students in the Health Academy AND any other student who has completed the Level 1 Science course.

Aims:

To develop an understanding of the physical world in four fundamental areas; Atomic and Nuclear Physics, Waves, Mechanics and Electromagnetism.

Course Content:

Level 2 Physics covers the theory and practical applications to develop the understanding of key concepts and phenomena relating to Atomic and Nuclear Physics, Waves, Mechanics, Electricity and Magnetism.

Where can this subject take you?

Success in level 2 Physics provides a solid foundation in the understanding of the physical world and entry to further studies in the fields of the physical sciences.

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

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Assessment Chart

Number	Title	Credits	US/AS	Internal/ External	Format	Literacy	Numeracy	Indicative date
91168	Investigation	4	AS	Int	Practical	L1 Lit	Yes	Term 1, 2
91170	Wave Systems	4	AS	Ext	Exam	L1 Lit	Yes	Term 4
91171	Mechanical Systems	6	AS	Ext	Exam	L1 Lit	Yes	Term 4
91172	Atomic and Nuclear	3	AS	Int	Exam	L1 Lit		Term 2, 3

Note: Students will have the option of studying for Waves (2.3) in their own time.

Entry into externals will be based on:

- 1) AS91171 will ONLY be offered to students who have achieved well in practice exams of the mentioned standards throughout the year.
- 2) Good time management skills and an ability in Mathematics are strongly recommended.