

# Chemistry

# Level 3

## Course Requirements:

Level 3 Chemistry is on offer for students in the Health Academy AND any other student who has completed the Level 1 Science and Level 2 Chemistry course.

## Aims:

To provide the opportunity for all students to get a maximum of 24 credits.

## Course Content:

Level 3 Chemistry covers the theory and practical applications to build on the understanding of key concepts and phenomena relating to the synthesis and properties of organic compounds and their spectroscopic analysis, Electrochemistry, Structure and Thermochemical Properties of Selected Particles, the Dynamics of Aqueous Chemistry and a consideration of Chemical Processes in the World around us.

## Where can this subject take you?

Chemistry at Level 3 provides valuable knowledge and insight for all further studies (including University) leading to a diverse range of careers from research, food technology, chemical engineering, geology, medicine, petrochemicals and education.

## 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
91388	Demonstrate understanding of spectroscopic data in chemistry	3	AS	Int	Exam			Term 1
91389	Demonstrate understanding of chemical processes in the world around us	3	AS	Int	Report	L1BLit		Term 2
91393	Chemistry of electrochemical and electrolytic cells	3	AS	Int	Experiment & write up	L1Lit		Term 2
91391	Demonstrate understanding of the properties of organic compounds	5	AS	Ext	Exam	L1Lit		Term 1
91390	Demonstrate understanding of thermochemical principles of particles	5	AS	Ext	Exam	L1Lit		Term 3

### Entry into externals will be based on:

A common consensus early in term 2 in relation to a parent/teacher/student negotiation re the precise and intended path of study for the student.