

# Chemistry National 5

## Award Received

National 5 Chemistry is graded A – D, (SQA are currently reviewing the mark needed for a D)



## Entry Level: What do I need to do it?

Entry into N5 Chemistry will normally depend on your attainment in the S3 Chemistry course – Topic Tests and S3 Exam.

Your S3 Chemistry teacher will advise you on whether N5 is an appropriate level of study for you. Good numeracy skills will be very important.

## Course Content: What will I learn?

The general aim of this course is to develop your skills of scientific inquiry, investigation, analytical thinking as well as knowledge and understanding of chemistry. You will apply these skills when considering the applications of chemistry on our lives, as well as the implications on the environment/society. This can be done using a variety of approaches, including investigation and problem solving.

## Changes & Structures

In this Unit you will learn about the key areas of rates of reaction, atomic structure (including Nuclear Chemistry) and bonding related to properties of materials, formulae and reaction quantities and acids and bases.



## Natures's Chemistry



In this Unit you will learn about the key areas of homologous series – alkanes, alkenes, alkanols & alcanoic acids – as well as everyday consumer products that use these chemicals or can be made from them as well as the energy of fuels.

## Chemistry In Society

In this Unit you will learn about the key areas of metals (including Oxidation & Reduction), batteries, fertilisers and chemical analysis.



## **Teaching Methods: What will I do?**

Much of the course will be teacher-led but you will also be involved in a variety of tasks including practical experiments and investigations, written work, research and presentation tasks.

## **Assessment: How will I be assessed?**

You will be assessed as follows:

- \* Topic Tests, covering knowledge and understanding of key areas and problem solving
- \* Final exam, covering knowledge and understanding and problem solving,
- \* Assignment, including researching and reporting on a relevant topic of your choice. This will also involve planning, carrying out and reporting on a practical investigation.

## **Home Study.**

Your main home study will be to consolidate on the work done in class – by reading over notes, completing self-check questions, reading Text Book/Study Mate etc.

You will be expected to also use our own initiative and make use of the variety of dedicated websites and Apps available. In addition will be given regular homework tasks, eg practice exam questions, research and revision tasks.

## **Progression in the Senior Phase.**

High achieving and committed N5 Chemistry students would be recommended to progress to the Higher level of study.