

CHEMISTRY – CfE HIGHER

What are the aims of this course?

The **Higher Chemistry course** is designed for pupils who wish to continue their study of Chemistry to a higher level. It allows pupils to gain a deeper understanding and appreciation of chemical processes.

What are the recommended entry levels for this course?

For this course, potential pupils would be expected to have gained an award in **National 5**. However the best route for progression in a one year Higher is an A or B pass at National 5.

What content is included in this course?

The course is composed of three units of study including; **Chemical Changes and Structures, The Nature's Chemistry** and **Chemistry in Society**.

What skills will I develop?

The main aims of this Course are for learners to:

- develop and apply knowledge and understanding of chemistry
- develop an understanding of chemistry's role in scientific issues and relevant applications of chemistry, including the impact these could make in society and the environment
- develop scientific inquiry and investigative skills
- develop scientific analytical thinking skills, including scientific evaluation, in a chemistry context
- develop the use of technology, equipment and materials, use them safely in practical scientific activities, including using risk assessments
- develop planning skills
- develop problem solving skills in a chemistry context
- use and understand scientific literacy to communicate ideas and issues and to make scientifically informed choices
- develop the knowledge and skills for more advanced learning in chemistry
- develop skills of independent working

What learning and teaching approaches will I experience?

A range of learning and teaching approaches are used including individual work, group work and cooperative activities. There is an emphasis on **practical work**, experimental design and data analysis.

How will I be assessed?

The course is assessed through internal unit NABS, an external examination and an assignment. **The grade achieved is based on the final examination (100marks) and the assignment (30marks)**. No overall award will be given until all internal assessments have been passed.

What are the homework requirements?

Pupils are set a minimum of **one homework per week**. This could include written tasks, learning or consolidation of knowledge and understanding.

What are the possible progression routes?

Achieving a **B grade** or above at Higher would allow progression to the **Advanced Higher Chemistry** course. The AH course is designed for well motivated pupils that work well independently.

Certification anticipated in:

Higher Chemistry is allocated 24 SCQF points at SCQF level 6, Grade A - C