



Higher Chemistry

Course Introduction

Welcome to Higher Chemistry!

COURSE OUTLINE

The Higher Chemistry course consists of the same main units as National 5 Chemistry.

Unit	Topics
Chemical changes and structure	<ul style="list-style-type: none">◆ periodicity◆ structure and bonding◆ getting the most from reactants◆ controlling the rate
Nature's chemistry	<ul style="list-style-type: none">◆ systematic carbon chemistry◆ alcohols, carboxylic acids and oxidation of food◆ esters, fats and oils◆ soaps, detergents and emulsions◆ proteins◆ fragrances and skin care
Chemistry in society	<ul style="list-style-type: none">◆ chemical energy◆ oxidising and reducing agents◆ equilibria◆ chemical analysis
Researching chemistry	<ul style="list-style-type: none">◆ common chemical apparatus◆ general practical techniques◆ reporting experimental work

COURSE ASSESSMENT

You will be assessed throughout the Higher course in a similar way to the class tests that were given in the National 5 Chemistry course.

The final exam consists of two question papers (3 hours in total) which is split into two sections.

Component	Marks available	Time available
Question paper 1: Multiple choice	25 marks	40 minutes
Question paper 2: Extended response questions (including open-ended)	95 marks	2 hours and 20 minutes
Assignment	20 marks which are scaled up to 30 marks	6 hours research, 2 hours to write the final report



Pupil Expectations

Each week you will be expected to:

- Access MS teams to find the next lesson to study
- Complete the tasks given
- Ask for help or clarification if you're not sure about the lesson

Frequently Asked Questions

- Is Higher Chemistry very difficult?

There is a jump from National 5 to Higher. There is more to learn and the questions you will be asked are more complicated. Most pupils find this challenging, but not too difficult. If you work hard from the start of the course, you will give yourself the best chance of success. Each year over 90% of Higher pupils in St. Ninian's gain a good pass for the course.

- What if I need to ask a question?

MS Teams will be monitored throughout the week by a chemistry teacher. Please use the "Post" page to ask questions. A chemistry teacher will get back to you as soon as possible. It is very important that you ask questions if you are unsure of a task - or you would likely further clarification about the topic.

- Do I need to keep my National 5 notes?

Yes. Some parts of the Higher course will build on your knowledge from National 5. Where appropriate, you should revise these parts of the Nat 5 course to help your understanding.

- What if MS Teams isn't working, how can I see the lesson?

Each week, 2 lessons will be published on MS teams. The same lessons will also be available on the chemistry department website.

- What are the best websites to use for Higher Chemistry?

There will be further reading materials available for each lesson where useful websites will be mentioned.

- Do I need to write out the notes?

When learning from home, you have the option of writing out class notes for yourself or printing these notes. Paper copies of written or printed notes should be kept neatly and organised in an A4 ring binder. Good organisation will be very important to your success at Higher Chemistry.

- Can I use my National 5 classwork jotter?

Yes. In each lesson you will be asked to complete a written exercise and you may be given a "homework" task. You can use your Nat 5 classwork jotter as a working jotter for Higher Chemistry until we return to school.