

NEXT STEPS

Priority 1 *Nat 5 and Higher - Improvement in attainment*

The Science Faculty will continue to offer Supported Study, Revision and tutorial classes to all Senior Phase classes from the start of the session and target underperforming pupils to attend.

We will continue to ensure better liaison and dialogue with parents /carers throughout session to support and challenge pupils - through phone calls, email and letters home.

We will utilise assessments across all subjects and levels to raise expectation of excellent standards and develop pupil skill set in answering exam type questions (e.g. problem solving, open ended, unfamiliar context questions).

Priority 2 *Uptake in S3 and senior phase*

We will liaise with primaries to ensure Primary staff are upskilled and pupil's have a consistent experience from primary to secondary with the key focus on their Numeracy skills.

We will use pupil voice to ascertain opinion about pupil perception of enjoyment and challenges in Science and compare to other subjects.

We will continue to embed STEM opportunities for S2 and S3 pupils with particular focus on career paths.

We will consider a senior phase 'skills for work' option for learners in the Senior Phase.

FIRRHILL CAREERS

Our current S6 leavers have utilised their Science studies to further their careers in:

Paramedic Science,
Health and Healthcare,
Mechanical Engineering,
Biological Sciences,
Chemistry,
Medicine,
Electronic & Electrical Engineering,
Aero Mechanical Engineering,
Environmental Earth Sciences,
Neuroscience,
Psychology,
Chemical Engineering,
Nursing,
Natural Sciences,
Theoretical Physics,
Aeronautical Engineering...

GET IN TOUCH



FHS Science



@FirrhillScience

FIRRHILL HIGH SCHOOL

9 Oxgangs Road North
Edinburgh
EH14 1DP
0131 4414501
Email: Fir.admin@firrhill.edin.sch.uk



The Faculty of Science

FIRRHILL HIGH SCHOOL

Providing Learning Opportunities of the Highest Level



OUR STAFF

SCIENCE

**Mr M Ayers (Curriculum Leader,
Physics, Engineering Science)**

BIOLOGY

Mrs H Barnes

Mrs P Hewitson

Mr S MacIntosh

Ms A Ryan

Ms E Williams

CHEMISTRY

Mrs L Anderson

Ms M Easson

Ms K Foote

ENGINEERING SCIENCE AND PHYSICS

Ms J Barbour

Ms C Gilruth

Mr M Rennie

COURSES OFFERED

BIOLOGY NATIONAL 4/5, HIGHER AND ADVANCED HIGHER



Biology is the study of the living world around us. Biology aims to find explanations and answer many questions in the world today. The Biology course will develop knowledge and understanding of biological issues and aims to build learners' interest and enthusiasm for the subject.

CHEMISTRY NATIONAL 4/5, HIGHER AND ADVANCED HIGHER

Chemistry is finding out about the world around us by experimenting. Chemists devise experiments to see how different chemicals interact. Chemists are excellent problem solvers and investigators. If you are curious about the world around you then chemistry is the subject for you!



ENGINEERING SCIENCE NATIONAL 4/5 AND HIGHER



Engineering shapes the world in which we live, by applying knowledge and problem solving to real-world challenges. Engineers play key roles in meeting the needs of society. More people with an informed view of engineering, the better!

PHYSICS NATIONAL 4/5, HIGHER AND ADVANCED HIGHER

Physics is the study of the laws of nature that govern the behaviour of the Universe, from the very smallest scales of sub-atomic particles to the very largest in the Universe. It applies these laws to the solution of practical problems and to the development of new technologies.



HIGHLIGHTS

POSITIVE DESTINATIONS

We have an increasing number of our pupils continuing their Science studies into Further and Higher Education. This session we have 45 pupils continuing into a Science related education with 7 studying Medicine.

CLASS TRIPS

The Science faculty offers a wide range of trips, workshops and visits. Examples are: The National Museum of Flight to explore the technology and history of flight, a whole day carrying out forensic investigations to solve a crime and an opportunity to observe and take part in real life conservation efforts. Engineering and STEM workshops have been delivered from The Royal Navy, Fife College and the RAF. We annually visit the STEM Careers Hub at the National Museum of Scotland which gives pupils the opportunity to talk to STEM professional and hear learner journeys from school to positive career destinations.

PUPIL TESTIMONY

Pupils always speak positively of the Science Faculty.

"Teachers make learning fun and interesting at the same time" - S1 pupil

"Science staff always make time for you to help when you have a problem" - S3 pupil

"Supported Study has been a life saver this year. Ms Gilruth and Mr Rennie have been amazing in helping me understand better." - S5 pupil.

