

Parental Information Evening

Thursday 29th Sept

Mr Raymond Henry

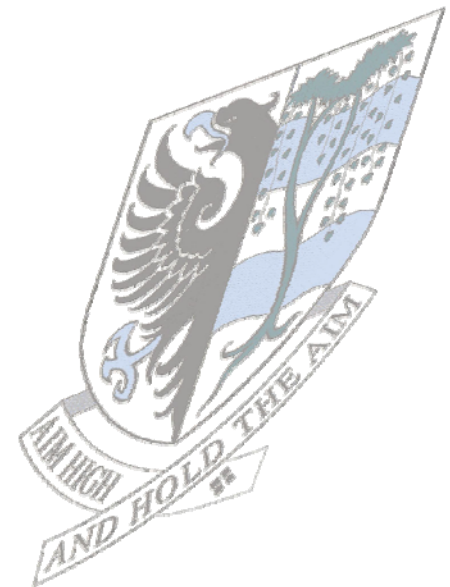
Principal Teacher – Curriculum

Mathematics & Sciences



Mathematics – Core Subject

- Compulsory to end of S4
- Skills for life
- Essential Skills to support other subjects
- Important subject for future pathways and careers (often a requirement)



Sciences

- Biology
- Chemistry
- Physics
- Rural Skills

Available at a variety of levels inc..

Standard Grade

Intermediate 1 & 2

Higher

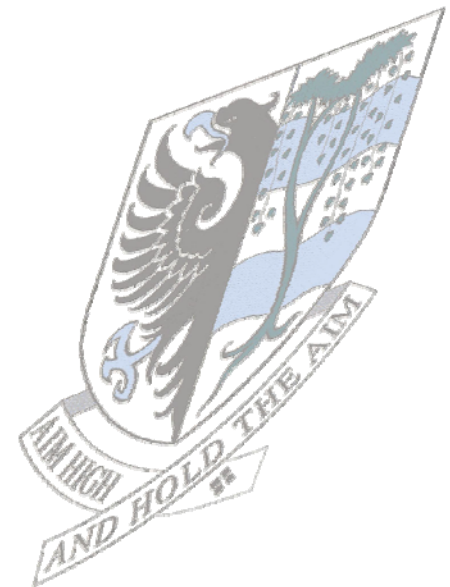
some courses @ Advanced Higher



Future Pathways???

Routes into further study & employment...

- Job Market
- Apprentiships
- College Courses
- University Courses



University Entry

Civil Engineering (MEng)

UCAS code: H203

Entry requirements

SQA Highers: AAAA - ABBB or more if two sittings, to include Mathematics at Grade A, plus either Physics (preferably), Engineering or Technological Studies.



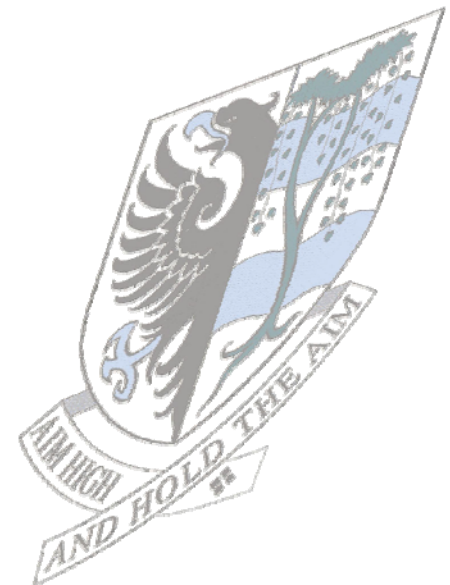
University Entry

Chemical Engineering (MEng)

UCAS code: H804

Entry requirements

SQA Highers: AAAA-ABBB or more if two sittings, to include Mathematics at Grade A and Chemistry; with Standard Grade Physics at Grade 3.



University Entry

Artificial Intelligence & Software Engineering (BEng)

UCAS code: GG67

Entry requirements

SQA Highers: AAAA - ABBB, or more if two sittings, to include Mathematics. Sixth-year work in Mathematics is recommended.



University Entry

BSc Product Design & Innovation

- * SQA Highers from S5:
AAAB including Maths or Physics or Technological Studies;
- * SQA Highers from S6
AAABBB including Maths or Physics or Technological Studies
- * A levels
3 passes at ABB including Maths or Physics



Mathematics & Sciences

Courses within Mathematics & the Sciences develop the following skills:

- » Problem Solving
- » Enquiry Skills
- » Analytical Skills
- » Reasoning Skills

These skills have to be developed over a long period of time and cannot be 'crammed' prior to an exam.



Mathematics & Sciences

Students have to ensure that they continually revise and prepare properly for various types of assessment:

- » Progress Exams (October)
- » NAB's
- » Prelims
- » Final Exams



Mathematics & Sciences

Homework also has an essential role in assisting student progress through their work:

- » Consolidates work covered in class
- » Prepares for further work
- » Helps the teacher identify problems
- » Helps the student prepare for assessment

HOW CAN YOU HELP?



Mathematics & Sciences

Parents and guardians can help by:

- » Checking your child's homework diary
- » Check work has been completed correctly
- » Encourage your child to seek help if they have problems (before the homework is due)

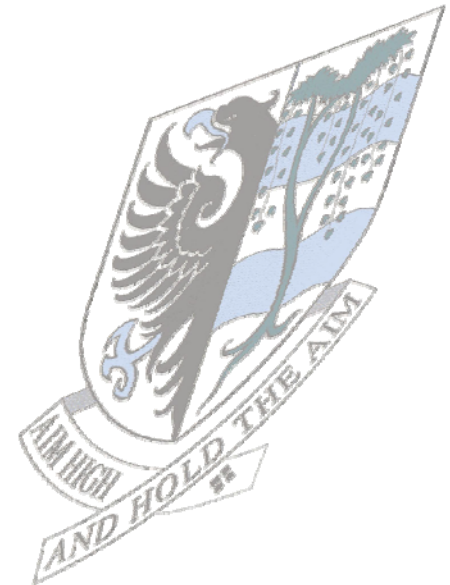
If your child does not have any homework they should be revising their coursework.



Mathematics & Sciences

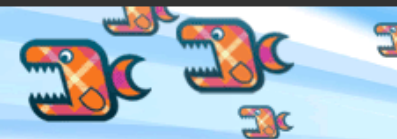
What's available:

- » Coursework books
- » Student course notes
- » Revision material (Leckie&Leckie)
- » Useful websites



HIGHER

Bitesize



Home

- Biology
- Business Management
- Chemistry
- English
- Gaelic
- Gàidhlig
- Geography
- History
- Maths
- Modern Studies
- Physical Education
- Physics
- Games

Biology
 Business Management
 Chemistry
 English

Gaelic
 Gàidhlig
 Geography
 History

Maths
 Modern Studies
 Physical Education
 Physics

Get your skull round

Bitesize Biology



1 2 3

Send your grades into orbit with Bitesize Physics

Find us on Facebook

Standard Grade Bitesize
 More Bitesize

Play



Watch



Links



Brainsmart

School's back - so step your brain up a gear with the help of these games and videos.



SCHOLAR

A Programme of Heriot-Watt University

HERIOT
WATT
UNIVERSITY

Scotland

England

Wales

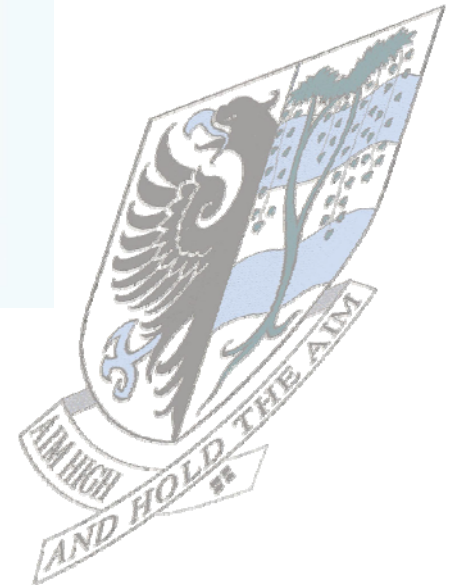
N. Ireland

Worldwide

Login



SCHOLAR | © 2011 Heriot-Watt University



Subjects & Qualifications

In this section

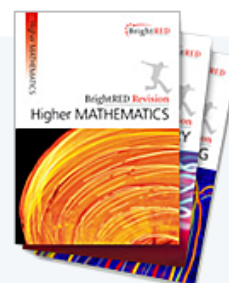
[Customised Awards](#)[HN](#)[IVA](#)[NQ](#)[▶ About NQ](#)[▶ Appeals](#)[▶ Baccalaureates](#)

Past Papers and Marking Instructions

Please select a subject name from the following dropdown to view and download the question papers and marking instructions for that subject -

Subject:

Qualification (optional):

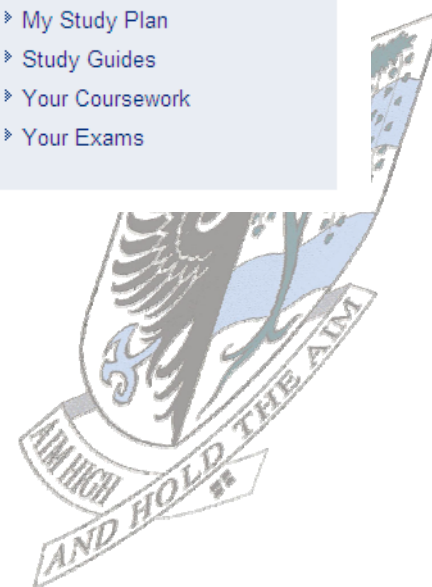


You can now buy official SQA Past Papers and Answers online from [BrightRed publishing](#).

Contact Information

[▶ Learner Enquiries](#) [▶ 0845 279 1000](#)

Related Information

[▶ Exam Timetable](#)[▶ MySQA](#)[▶ My Study Plan](#)[▶ Study Guides](#)[▶ Your Coursework](#)[▶ Your Exams](#)

Mathematics & Sciences

Study classes provide an opportunity for students to:

- » Revise content covered in class
- » Work on coursework projects
- » Obtain help with homework/exam prep
- » Practice past papers

Study Classes have already started, or will start just after the October break.

Students should contact their teacher to find out when these are being held.

