

What can I do after this course?

Following completion of the triple science course, students achieving the Sixth Form entry requirements could move on to studying A-level sciences.

For further information contact:

Mr S Hawkins
01246 412372
SHawkins@dhfs.uk



GCSE Triple Science



DRONFIELD HENRY FANSHAWE SCHOOL

Established 1579

Green Lane
Dronfield
Derbyshire
S18 2FZ

www.DHFS.uk

@DHFSupdate
@DHFS_careers



DRONFIELD
HENRY FANSHAWE
SCHOOL

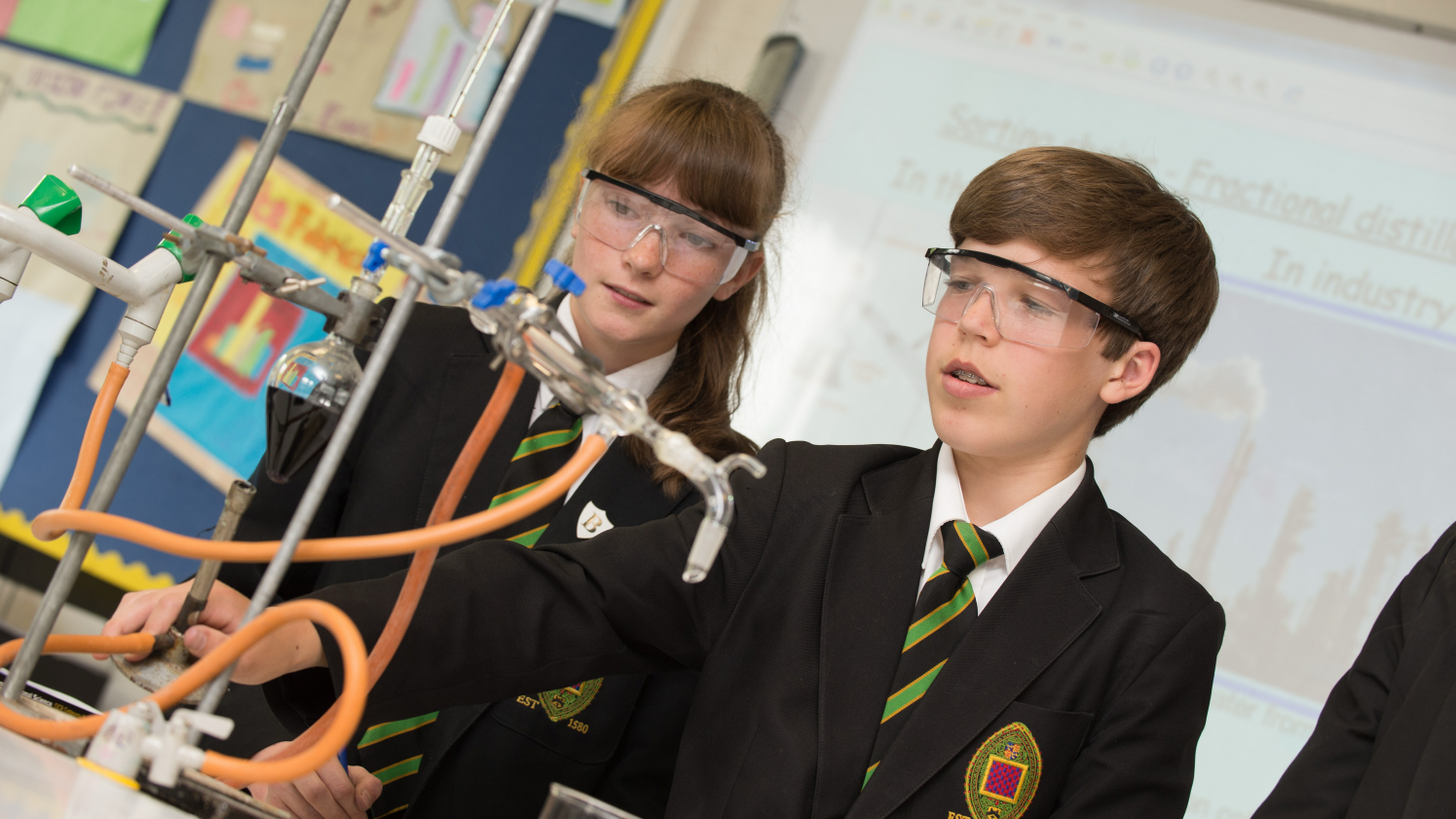
Established 1579

Subject Guide Key Stage 4



GCSE Triple Science

Course starting September 2026



How will I be assessed?

Students following this course receive three GCSEs, one each in biology, chemistry and physics assessed in separate exams at the end of Y11. 15% of GCSE marks will be for practical skills, assessed in the written exams.

How is this course delivered?

The learning is delivered through a range of activities including laboratory based practical work. There is a strong theme of developing scientific skills and students are encouraged to challenge their understanding and apply their knowledge beyond the classroom.

What will I learn?

Triple science provides the foundations for understanding the material world. Scientific understanding is changing our lives and is vital to the world's prosperity. All students will be taught essential aspects of science, including its theories, methods, processes and uses.

- Develop scientific knowledge and understanding
- Answer scientific questions about the world around them
- Develop and apply observational, practical, modelling, enquiry and problem-solving skills, both in the laboratory and in the field
- Critically analyse scientific claims

The areas of science you will explore are:

Biology: cell biology; transport systems; health, disease and the development of medicines; coordination and control; photosynthesis; ecosystems; inheritance, variation and evolution.

Chemistry: atomic structure and the Periodic Table; structure, bonding and the properties of matter; chemical changes; energy changes in chemistry; the rate and extent of chemical change; organic chemistry; chemical analysis; chemical industries, Earth and atmospheric science.

Physics: energy; forces; forces and motion; waves in matter; light and electromagnetic waves; electricity; magnetism and electromagnetism; particle model of matter; atomic structure; space physics.

The actual science course taken in Y10 will be decided in consultation with the student, parents and teachers. The course is demanding and is only suitable for students who are committed to their science studies and enthusiastic about their learning.