SUBJECT: COMBINED SCIENCE (DOUBLE AWARD)	
HEAD OF DEPARTMENT: Dr F. Wall	SYLLABUS NUMBER: AQA Combined Science (Trilogy) 8464

CONTENT

This course will lead to a double award GCSE in Combined Science, worth two GCSEs. The content of the course is:

Biology
- Cell biology
- Organisation
- Infection and response
- Bioenergetics
- Homeostasis and response
- Inheritance, variation and evolution
- Ecology

Chemistry
- Atomic structure and the periodic table
- Bonding, structure, and the properties of matter
- Quantitative chemistry
- Chemical changes
- Energy changes
- The rate and extent of chemical change
- Organic chemistry
- Chemical analysis
- Chemistry of the atmosphere
- Using resources

Physics
- Forces
- Energy
- Waves
- Electricity
- Magnetism and electromagnetism
- Particle model of matter
- Atomic structure

RESOURCES

Students have access to AQA approved text books.

SETTING ARRANGEMENTS

There are four sets on each side of the year group, based on ability.

STUDY ADVICE:

Students are set regular homework to consolidate material covered in lessons and develop skills. There are regular tests for which revision is essential. A science clinic is held once a week where students can discuss any difficulties they are encountering with members of the Science department.

ASSESSMENT

Combined Science is a linear course with assessment at the end of the 2 year course in June. Students will sit six exam papers, two Biology, two Chemistry and two Physics. The Combined Science GCSEs (9-1) does not include coursework or controlled assessments.

EXTRA CURRICULAR OPPORTUNITIES

Occasional outside speakers and competitions