SUBJECT: COMBINED SCIENCE (DOUBLE AWARD)	
HEAD OF DEPARTMENT: Mrs. K. Ardley	SYLLABUS NUMBER: AQA Combined Science (trilogy) 8464

CONTENT

This course will lead to two GCSEs in Combined Science. The content of the course will be as follows;

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 will have access to the AQA text book.

SETTING ARRANGEMENTS

There will be four sets, across each side of the year group, based on ability.

STUDY ADVICE:

Students will be set regular homework to consolidate material covered in lessons and develop skills. There will be 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