

GCSE Combined Science: Trilogy

Exam Board: AQA

Course Outline for Y9 and Y10:

All students follow the AQA Combined Science: Trilogy syllabus. There are 25 units in combined science, all examined at the end of year 11. Some of these units are taught in year 9 and 10 so it important your child has good study habits to enable them to reach their full potential this year. Students will also have to carry out math skills and prescribed practical's which they will also be tested on in the exams at the end of year 11.

Biology

Weightings:

Examination Paper 1 topics 1-4 50%; Paper 2 topics 5-7 50%
Both Papers will be 1hr 15mins

The units that are studied:

1. Cell Biology
2. Organisation
3. Infection and Response
4. Bioenergetics
5. Homeostasis and Response
6. Inheritance variation and Evolution
7. Ecology

Skills that are developed:

Each paper is made up of

- 40% Recall of Knowledge
- 40% Apply knowledge
- 20% Analyse information

- 10% of the overall paper will be math skills
- 15% of the overall paper will be base on the 6 practical's students have to complete during the course

Chemistry

Weightings:

Examination Paper 1 topics 1-5 50%; Paper 2 topics 6-10 50%
Both Papers will be 1hr 15mins

The units that are studied:

1. Atomic structure and the Periodic Table
2. Bonding and Structure
3. Quantitative Chemistry
4. Chemical Changes
5. Energy Changes
6. Rate of chemical change
7. Organic chemistry
8. Chemical analysis
9. Chemistry of the atmosphere
10. Using resources

Skills that are developed:

Each paper is made up of

- 40% Recall of Knowledge
- 40% Apply knowledge
- 20% Analyse information

- 20% of the overall paper will be math skills
- 15% of the overall paper will be base on the 6 practical's students have to complete during the course

Physics

Weightings:

Examination Paper 1; topics 2,4,6,7 50%; Paper 2 topics 1,3,5,8 50%
Both Papers will be 1hr 15mins

The units that are studied:

1. Forces
2. Energy
3. Waves
4. Electricity
5. Magnetism and Electromagnetism
6. Particle model of matter
7. Atomic Structure
8. Space Physics

Skills that are developed:

Each paper is made up of

- 40% Recall of Knowledge
- 40% Apply knowledge
- 20% Analyse information

- 30% of the overall paper will be math skills
- 15% of the overall paper will be base on the 6 practical's students have to complete during the course



Each week, students have 4 hours of lessons. Students will be set 1 hour of homework.

BBC bitesize
AQA past papers and mark schemes

Dates to make a note of:

- 18 Practical's will be carried out over the 3 year course.
- Exam dates will be confirmed closer to the time but are likely to be May 2018

Who I can contact for further advice / help:

Your child's Science teacher

The subject coordinator for KS4 – Mr D Austin

Hub Leader for Science and Social Science – Ms G Williams

Email office@cityleicester.leicester.sch.uk asking them to forward your message to the relevant member of staff.

