

GCSE Combined Science – Trilogy Science



11 5 B Boron	12 6 C Carbon	14 7 N Nitrogen	16 8 O Oxygen	19 9 F Fluorine	20 10 Ne Neon
27 13 Al Aluminium	28 14 Si Silicon	31 15 P Phosphorus	32 16 S Sulphur	35.5 17 Cl Chlorine	40 18 Ar Argon
65 30 Zn Zinc	70 31 Ga Gallium	73 32 Ge Germanium	75 33 As Arsenic	79 34 Se Selenium	84 36 Kr Krypton
112 50 Cd Cadmium	115 49 In Indium	119 50 Sn Tin	122 51 Sb Antimony	128 52 Te Tellurium	131 54 Xe Xenon
201 80 Hg Mercury	204 81 Tl Thallium	207 82 Pb Lead	209 83 Bi Bismuth	210 84 Po Polonium	210 85 At Astatine
				210 85 At Astatine	222 86 Rn Radon

Exam Board

AQA Course code 8464

Overview

This course is x2 GCSEs studying two units each of Biology, Chemistry and Physics for nine lessons a fortnight over two years. All exams will be sat at the end of year 11. **Students will be selected by staff** to do this GCSE Science course alongside a BTEC in sports science.

Course Structure

Each unit is examined in a 1 hour 15 minutes exam. All 6 exams will be completed at the end of Year 11. There is no coursework, but students will complete a number of required practicals. They will be expected to answer questions on these practical's in their exams. The questions in the exam are a mixture of multiple choice, structured, closed, short answer and open response.

The grades are given as 1-9, with 9 being the top grade. They will be awarded 2 grades for science as it is a double award course, this will appear on their certificate as 9-9, 9-8, 8-8, 8-7, 7-7, 7-6 down to 1-1

Assessment

The course is broken down into six units. These are Chemistry 1 and 2, Physics 1 and 2, Biology 1 and 2. These cover various topics including; Structure and bonding, rates of reaction, forces, electricity, cells, tissues, organ systems and inheritance.

Each of the units represents 16.7% of the course.

There are many practical elements built into the course.

Further information From:

Mr Waite, Mr Heading, Mrs Newton, Mr Wilson, Mrs Sanders, Miss Cracknell, Mr Marvin, Miss Gensler, Mrs Spray, Mrs Reinten, Mrs Roe.

Useful resource and websites listed below:

www.my-gcsescience.com

www.o2learn.co.uk

www.s-cool.co.uk

www.youtube.com/user/ChrisThorntonUK

www.aqa.org.uk/exams-administration/exams-guidance/find-past-papers-and-mark-schemes

www.madeleyhigh.org/year-11

www.docbrown.info/page20/AQAScience2S.htm

