# BLESSED EDWARD OLDCORNE
## CATHOLIC COLLEGE
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# Year 9 Compulsory Core Subjects

Loving
Prayerful
Hopeful
Kind
Respectful
Honest
Grateful
Just
Giving
Knowledgeable
Curious
Resilient

**Subject Area: English Language**

**Syllabus Code: Eduqas  C700U10-1**

There is one, single tier paper to be taken by all students.
All texts in the examinations are unseen.

| TOPIC | AREAS COVERED | SPECIFIC | TIMESCALE |
|---|---|---|---|
| **English Language Component 1:**<br>20th Century Literature Reading and Creative Prose Writing<br>40% | **Section A Reading Comprehension:** analysis of one C20th story extract followed by 5 questions.<br><br>**Section B Creative Writing:** one creative writing task inspired by a choice of 4 titles or sentence starters about 450-600 words. | 40% of GCSE | 1 hour 45 minutes examination |
| **English Language Component 2:**<br>C19th and C21st Century Non-Fiction Reading | **Section A Reading Comprehension:** analysis and comparison of two non-fiction text from the C19th and C20th.<br><br>**Section B Non-Fiction Writing:** two short transactional persuasive writing tasks approximately 300-400 words. | 60% of GCSE | 2 hours examination |
| **Component 3 Spoken Language:**<br>Compulsory Non-Examination Assessment | One formal presentation/speech, followed by a formal question and answer session. | pass, merit or distinction grade. | Internal teacher assessment and moderation to take place in Year 10. |

*For further information contact Ms Jhall, Head of Department for English: rjhall@blessededward.co.uk*

## Subject Area: English Literature
## Syllabus Code: EDUQAS C721PC

There is one, single tier paper to be taken by all students.
In years 10 and 11 pupils will study all relevant set texts in year 10 and the poetry anthology in year 11.

| TOPIC | AREAS COVERED | SPECIFIC | TIMESCALE |
|---|---|---|---|
| **English Literature Component 1:** Shakespeare and Poetry | **Section A: Shakespeare's The Merchant of Venice.** <br><br>**Section B: Poetry Anthology.** 18 pre-studied poems. | 40% of GCSE | 2 hours examination |
| **English Literature Component 2:** Post-1914 Prose/Drama, 19th Century Prose and Unseen Poetry | **Section A: Post-1914 Prose/Drama An Inspector Calls** <br><br>**Section B: 19th Century Prose A Christmas Carol** <br><br>**Section C: Unseen Poetry** 2 unstudied modern poems | 60% of GCSE | 2.5 hours examination |

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**Subject Area: MATHEMATICS**
**Syllabus Code: OCR J560**

| TOPIC | AREAS COVERED | SPECIFIC | TIMESCALE |
|---|---|---|---|
| Using and Applying Mathematics | a) pose their own questions during a task.<br>b) examine critically the mathematical presentation of information<br>c) make a generalisation giving some degree of justification<br>d) follow new lines of enquiry when investigating within mathematics to solve a real-life problem<br>e) examine and comment constructively on generalisations or solutions<br>f) give logical accounts of work with reasons for choices made<br>g) understand the role of counterexamples in disproving generalisations or hypotheses | Functional skills are now embedded into the new GCSE examination. | 1. Students commence the OCR GCSE J560 course in year 10 and are arranged in ten ability sets following either the higher or foundation pathway.<br>Year 10 and 11 students are working towards the final Key Stage 4 assessment and therefore the listed areas will appear in the appropriate GCSE syllabus. (http://www.ocr.org.uk/qualificat ions/gcse-mathematics-j560-from-2015/)<br>Using and applying Mathematics will be assessed through the GCSE examination. Problem solving is incorporated into the curriculum with weekly problem-solving tasks. |
| Number | a) calculate with fractions, decimals, percentages, or ratio as appropriate<br>b) use estimation to check calculations<br>c) multiply and divide mentally single-digit multiples of any power of 10<br>d) use a calculator efficiently when solving problems<br>e) recognise that a measurement is approximate and choose the degree of accuracy appropriate for a particular purpose<br>f) calculate with numbers expressed in standard form<br>g) evaluate formulae, including the use of fractions or negative numbers<br>h) solve numerical problems, checking that the results are of the right order of magnitude<br>i) index notation, calculation and estimation of powers and roots<br>j) laws of indices<br>k) manipulation of surds | Homework is set online each week which is a review of previous classwork. Common mistakes are identified by the teacher and covered in feedback lessons that take place every 3 weeks. | 2.Gifted and talented mathematicians are given the option of studying for the AQA further mathematics qualification in year 11. |
| Algebra | a)  explore number patterns using computer facilities or otherwise<br>b)  solve simple patterns<br>c)  use and plot Cartesian coordinates to represent mapping<br>d) use symbolic notation to express the rules of sequences<br>e) solve equations or simple inequalities<br>f)  manipulate algebraic formulae, equations, or expressions<br>g)  solve double inequalities | Students are assessed by the teacher each term on the content they have covered. Students who are underperforming are identified, and intervention is put into place if it is felt appropriate. At the end of | 3. Lower ability pupils who may struggle with the GCSE content will be offered to do the entry level qualification alongside the GCSE. |

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| | h) interpret graphs which represent particular relationships<br>i) use kinematic formulae<br>j) interpret gradients on time distance graphs as velocity<br>k) interpret gradients in time velocity graphs as acceleration | Year 10, students sit an examination consisting of one non-calculator and one calculator paper in a GCSE format. | |
| Ratio Proportion and rates of change | a) calculating ratios and proportion of quantities<br>b) solve direct and indirect proportion problems<br>c) solve growth and decay problems | In November and February Year 11 students sit two GCSE past papers for their mock examinations. | The new GCSE OCR J560 is graded 9 to 1. The first examination was offered in the summer of 2017. Grade 5 and above is regarded as a strong pass. There are three examination papers of 1.5 hours each with 100 marks: one paper non-calculator and two calculator papers. The Higher Tier will cover 50% of the grades 7, 8 and 9 content and 50% of grades 4, 5 and 6 content. There is a 20% overlap in content on the Foundation and Higher Tier papers. |
| Geometry and Measures | a) use 2-D representation of 3-D objects<br>b) transform shapes using a computer or otherwise<br>c) understand and use bearings to define direction<br>d) demonstrate that they know and can use the formulae for finding the areas and circumferences of circles<br>e) determine the locus of an object which is moving subject to a rule<br>f) use Pythagoras' theorem<br>g) carry out calculations in plane and solid shapes<br>h) use the mathematical similarity to solve problems<br>i) use sine, cosine, or tangent in right-angled triangles<br>j) know and use the exact trigonometric ratios<br>k) use sine and cosine rule in non-right-angled triangles<br>l) distinguish between formulae by considering dimensions | All five attainment targets are examined in internal examinations in Year 10 and external examinations in 11. | |
| Statistics | a) design and use a questionnaire to survey opinion<br>b) understand and use the basic ideas of correlation<br>c) design and use a questionnaire or experiment to test a hypothesis<br>d) group data to draw a cumulative frequency curve or histogram<br>e) understand different sampling methods | The J560 GCSE examination consists of three papers: one non-calculator and two calculator papers. There are two tiers – Foundation and Higher. The Foundation Tier | |

| | | examines grades 5 to 1 and the Higher Tier examines grades 4 to 9. Each paper in each tier is 1.5 hours long and worth one third of the overall grade. | |
|---|---|---|---|
| | f) calculate the mean mode and median from data sets and make simple comparisons<br>g) recognise misleading graphs | | |
| Probability | a) identify all the outcomes of combining two independent events<br>b) know that the total probability of all the mutually exclusive outcomes of an event is 1<br>c) organise and analyse data<br>d) understand and use relative frequency as an estimate of probability<br>e) give the probability of exclusive events, calculate the probability of a combined event<br>f) calculate the probability of a combined event given the probabilities of independent events<br>g) use Venn diagrams to calculate related probabilities | | |

**Subject Area: RELIGIOUS STUDIES**
**Syllabus Code: Eduqas 601/8879/0 (C120PB)**

| TOPIC | AREAS COVERED | ASSESSMENTS | TIMESCALE |
|---|---|---|---|
| **Component 3:** Judaism beliefs and practices<br><br>20 % of the course. | **Part 1:** Beliefs and teachings – For example the nature and role of the Jewish Messiah, Abraham, Moses and Jewish beliefs about the afterlife.<br><br>**Part 2:** Practices – For example the study of festivals such as Shabbat. Rites and rituals from Brit Milah to Weddings and worship in the Synagogue and the home. | Key word tests<br><br>Recall questions<br><br>Past paper questions<br><br>Mock in May | September to December |
| **Component 1:** Foundational Catholic Theology<br><br><br><br>40 % of the course. | **Part 1:** Origins and Meanings – The study of science and theology, the sanctity of life, stewardship and Catholic Social Teachings, comparing Catholic beliefs with other Christians, Judaism and Humanism.<br><br>**Part 2:** Good and Evil – The study of theodicies, the Incarnation, Pilgrimage and worship. | | January to July |

| TOPIC | AREAS COVERED | ASSESSMENTS | TIMESCALE |
|---|---|---|---|
| **Component 2:** Applied Catholic Theology<br><br><br><br>40 % of the course. | **Part 1:** Life and death– The study of Eschatology, Euthanasia and end of life care, prayer and funerals.<br><br>**Part 2:** Sin and forgiven – The study of salvation and redemption, crime and punishment, morality and forgiveness. | Key word tests<br><br>Recall questions<br><br>Past paper questions<br><br>Mock exam 1 in November<br><br>Mock exam 2 in March | September to March<br><br>March to May Revision |
| Final examinations | Paper 1 – **Component 1:** Foundational Catholic Theology<br><br>Paper 2 – **Component 2:** Applied Catholic Theology<br><br>Paper 3 - **Component 3:** Judaism beliefs and practices | 1hr 30 min.<br><br>1hr 30 min.<br><br>1hr | May 2026 |

# Subject Area: COMBINED SCIENCE
# Syllabus Code: Trilogy 8464

The Combined Science course covers content across the Biology, Chemistry and Physics disciplines and will be delivered to students through 5 hours of teaching per week, taught by subject specialist teachers. The Combined Science course is worth two GCSEs.

In May/June 2027 students will sit 6, 1 hour 15 minute exams, where they will be assessed on all of their learning from the two year course. Pupils may be entered for Higher or Foundation tier. The Higher paper allows pupils to achieve grades 9 to 4, the Foundation paper allows pupils to achieve grades 5 to 1.

Students will participate in 16 pre-set practicals over the course of two years. Examination questions will be based upon the skills and knowledge gained during the practicals as well as the subject content delivered during lessons.

| SUBJECT | TOPICS COVERED |
|---|---|
| Biology | 1. Cell biology<br>2. Organisation<br>3. Infection and response<br>4. Bioenergetics<br>5. Homeostasis and response<br>6. Inheritance, variation and evolution<br>7. Ecology |
| Chemistry | 8. Atomic structure and the periodic table<br>9. Bonding, structure, and the properties of matter<br>10. Quantitative chemistry<br>11. Chemical changes<br>12. Energy changes<br>13. The rate and extent of chemical change<br>14. Organic chemistry<br>15. Chemical analysis<br>16. Chemistry of the atmosphere<br>17. Using resources |
| Physics | 18. Energy<br>19. Electricity<br>20. Particle model of matter<br>21. Atomic structure<br>22. Forces<br>23. Waves<br>24. Magnetism and electromagnetism |