



'Academic excellence, spiritual development
and social awareness through Christ.'

**Blessed Robert Sutton
Catholic Voluntary Academy**

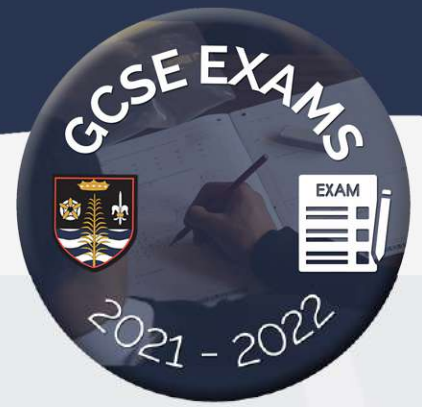
Revision Checklists

GCSE Revision



**St Ralph
Sherwin**
Catholic Multi Academy Trust

Your Revision Checklists



Year 11,

So you have everything at your fingertips we have printed off for you the revision checklists from the exam boards.

You must not worry about your exams, you have plenty of time and staff are well prepared to help you get revision ready.

Actions you can take now:



Listen to guidance and advice from your teacher



Share any worries or concerns with your teacher or form tutor



Use these lists as a guide to help you to revise for mock exams



Keep these lists somewhere safe for reference in May

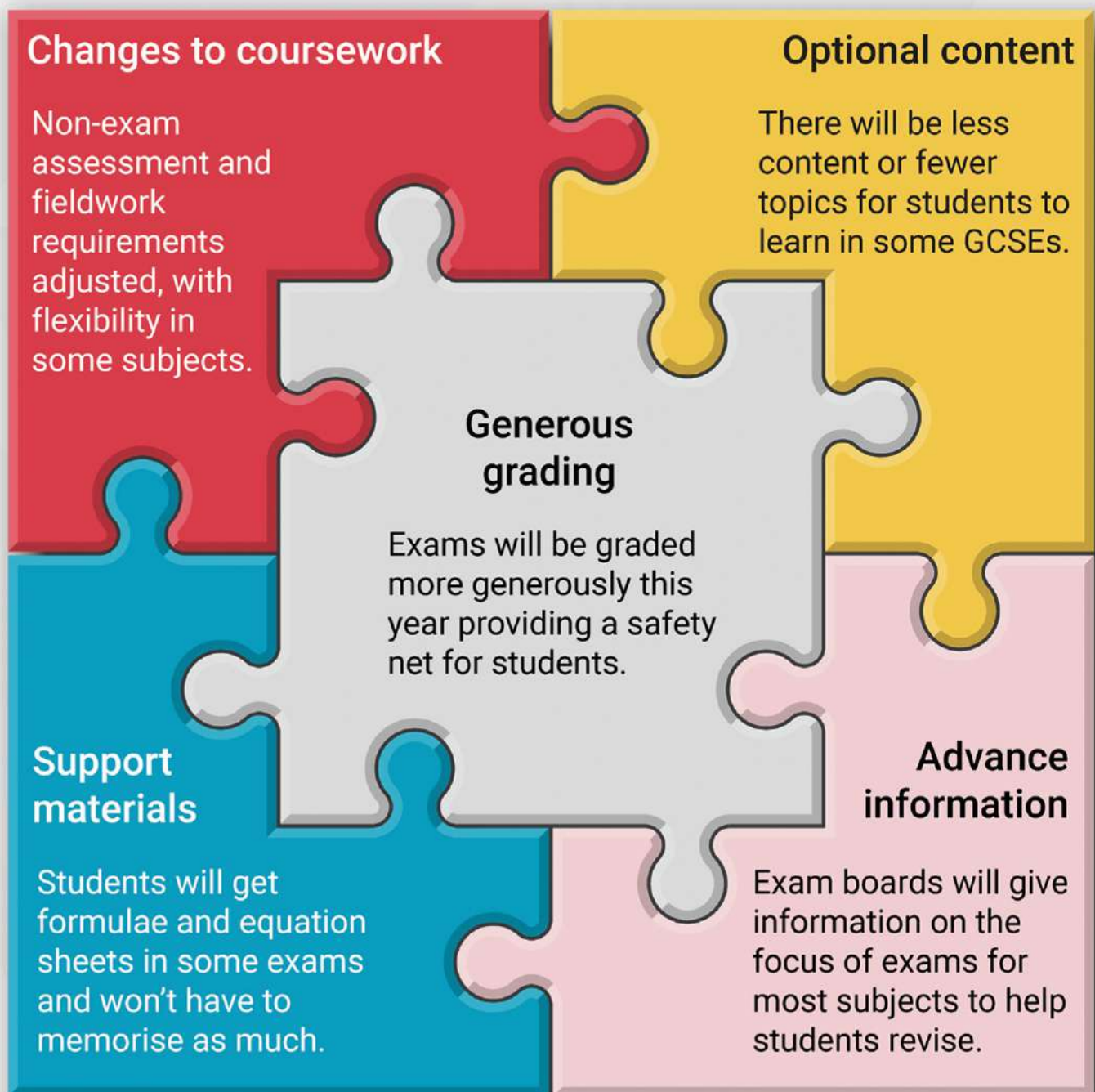


Pearson



St Ralph
Sherwin
Catholic Multi Academy Trust

Additional help for students taking exams in summer 2022



Revision Checklist: English Literature



Macbeth

AQA GCSE English Literature	RAG		
Topic	Red	Amber	Green
Lady Macbeth (including the expectations of women in the Jacobean era)			
Banquo			
King Duncan and Malcom—the Divine right of Kings			
Macduff			
The Witches and their prophecies			
Corruption and murder			
Bravery & Cowardice, including the tragic hero			
Ambition and greed			
Loyalty & Betrayal			
The supernatural and supernatural events			
The Holy order & the importance of knowing your place			
Good v Bad			
Fate & Freewill			
Macbeth's hamartia			
Guilt			
Light & Darkness and Order & Disorder			

RAG Rating:

Red—Not confident at all

Amber—Fairly confident but still some work to do

Green—Very confident



Revision Checklist: English Literature



Romeo and Juliet

AQA GCSE English Literature	RAG		
Topic			
Different types of love (courtly love, unrequited, parental, metaphysical)			
Hate and the impact of the family feud			
Revenge and toxic masculinity			
Expectations of women and ideas about marriage			
Romeo			
Juliet			
Tybalt			
Mercutio			
Friar Lawrence			
The Nurse			
Benvolio			
Lord Capulet			
Tragedy and tragic events in the play			
Fate & Destiny			
Violence & Aggression, family honour and pride			

RAG Rating:

Red—Not confident at all

Amber—Fairly confident but still some work to do

Green—Very confident



Revision Checklist: English Literature



Jekyll and Hyde

AQA GCSE English Literature Topic	RAG		
	Red	Amber	Green
Mr Utterson			
Dr Jekyll			
Mr Hyde			
Dr Lanyon			
The Victorian gentleman and the importance of reputation and following social rules			
Science in Victorian times (including Darwin's theory of evolution and the schism of attitudes)			
The Carew murder			
The importance of Jekyll's will			
The incident at the window			
The importance of letters			
Mystery and tension in the novella			
Hypocrisy, including Jekyll's house			
Friendship			
Gothic elements of the text			
Stevenson's use of setting, including the weather, and Victorian London			

RAG Rating:

Red—Not confident at all

Amber—Fairly confident but still some work to do

Green—Very confident



Revision Checklist: English Literature



Animal Farm

AQA GCSE English Literature	RAG		
Topic	Red	Amber	Green
Napoleon			
Snowball			
Squealer			
Boxer			
Old Major			
Mollie			
Mr Jones			
Pilkington & Frederick			
Different leadership, including dictatorship & tyranny			
The abuse of language			
The importance of the windmill			
The corruption of democracy on the farm			
Context about the Russian Revolution			
The show trials			
The Battle of the Windmill			
Animalism & Communism			
The glorification of Napoleon			
Propaganda and scapegoating			
The dogs			
Oppression and liberty			

RAG Rating:

Red—Not confident at all

Amber—Fairly confident but still some work to do

Green—Very confident



Revision Checklist: English Literature



Blood Brothers

AQA GCSE English Literature	RAG		
Topic	Red	Amber	Green
Mickey			
Eddie			
Mrs Johnstone			
Mrs Lyons			
Sammy			
Mr Lyons & Mr Johnstone			
The Narrator			
Foreshadowing & tragedy			
Nature vs nurture and tabula rasa			
Context of education in 1960-1970s			
Life for the working class			
Life for the middle class			
Context of unemployment in 1970s & Margaret Thatcher			
Guns			
Cycle of Poverty			
Class prejudice and class inequality (the policeman)			
Debt			
Marilyn Monroe			
Depression			

RAG Rating:

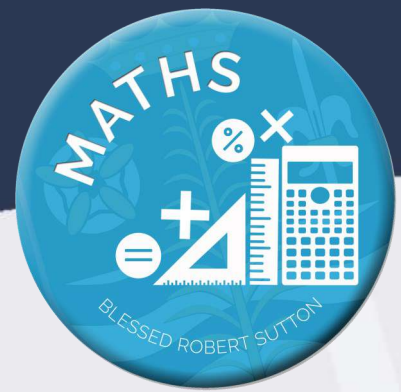
Red—Not confident at all

Amber—Fairly confident but still some work to do

Green—Very confident



Revision Checklist: Maths

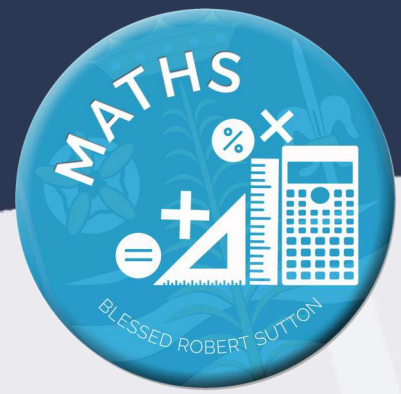


Paper 1 - Foundation

OCR GCSE Maths	RAG		
Topic			
Four rules with integers and BODMAS			
Understand number definitions and inverse operations			
Fraction, decimals and percentages			
Fractions and percentages of a quantity			
Percentage change and reverse percentages			
Standard form notation			
Rounding and using upper and lower bounds			
Share into a ratio and using ratios			
Simplifying and factorising an expression			
Solving linear equations and inequalities			
Area of a rectangle, area of a circle, area of composite shapes			
Volume including cylinder, pyramid and sphere			
Averages and range			
Scatter diagram and correlation			
Polygons and angles in parallel lines			
Quadratic graphs			
Frequency tree			
Function machines			
Properties of solids			
Column vectors			
Graphical misrepresentation			



Revision Checklist: Maths

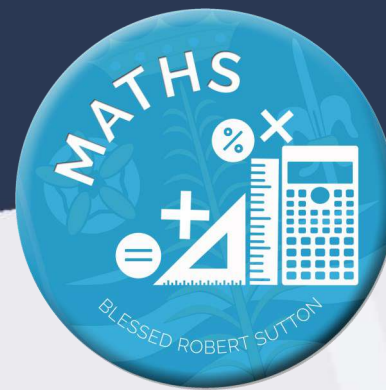


Paper 2 - Foundation

OCR GCSE Maths Topic	RAG		
Arithmetic with positive and negative numbers			
Prime factors			
Fraction, decimals and percentages			
Fraction arithmetic			
Calculations with decimals			
Standard form calculations			
Simplify and interpreting ratio			
Inverse proportion			
Multiplying out brackets			
Formulate algebraic expressions			
Equations and identities			
Solve linear and quadratic equations			
Rearrange equations			
Equation of a straight line graph			
Construct and interpret angle bisector, line bisector and distance from a point			
Trigonometry including exact trigonometric ratios			
Transformations			
Bearings			
Bar charts and pie charts			
Probability			



Revision Checklist: Maths

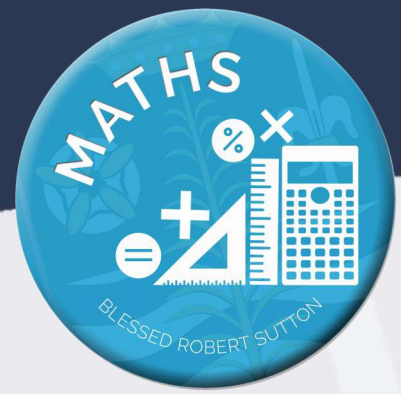


Paper 3 - Foundation

OCR GCSE Maths	RAG		
	Red	Yellow	Green
Topic			
Calculations with integers and decimals			
Sequence rule to find a term			
Primes factors, multiples and LCM			
Fraction of a quantity & fraction arithmetic			
Percentage of a quantity and percentage change			
Powers of integers			
Write in a ratio & simplify a ratio			
Calculate with ratio and proportion			
Simple interest			
Growth and decay problems and graphs			
Simplify algebraic expressions			
Multiply out brackets and simplify			
Factorise quadratic expressions			
Substitute into an expression			
Solve linear equation and simultaneous			
Circle terms			
Continue sequence			
Quadratic graphs and graphs of real-world contexts			
Volume of a cuboid and prism			
Mass, volume, density			
Tree diagram & calculations with the laws of probability			
Averages			



Revision Checklist: Maths



Foundation Tier Formulae Sheet

Perimeter, Area and Volume

Where a and b are the lengths of the parallel sides and h is their perpendicular separation:

$$\text{Area of a trapezium} = \frac{1}{2}(a + b)h$$

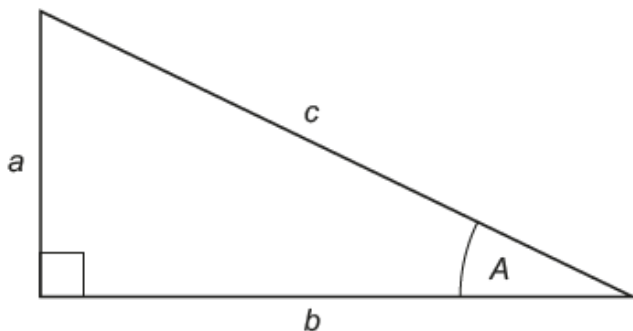
Volume of a prism = area of cross section \times length

Where r is the radius and d is the diameter:

$$\text{Circumference of a circle} = 2\pi r = \pi d$$

$$\text{Area of a circle} = \pi r^2$$

Pythagoras' Theorem and Trigonometry



In any right-angled triangle where a , b and c are the length of the sides and c is the hypotenuse:

$$a^2 + b^2 = c^2$$

In any right-angled triangle ABC where a , b and c are the length of the sides and c is the hypotenuse:

$$\sin A = \frac{a}{c} \quad \cos A = \frac{b}{c} \quad \tan A = \frac{a}{b}$$

Compound Interest

Where P is the principal amount, r is the interest rate over a given period and n is the number of times that the interest is compounded:

$$\text{Total accrued} = P \left(1 + \frac{r}{100} \right)^n$$

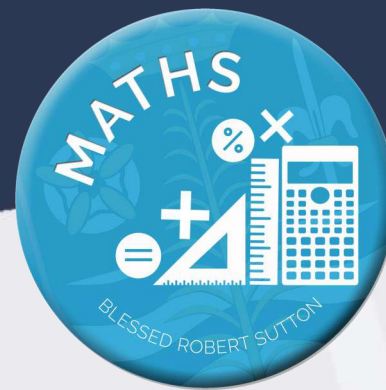
Probability

Where $P(A)$ is the probability of outcome A and $P(B)$ is the probability of outcome B :

$$P(A \text{ or } B) = P(A) + P(B) - P(A \text{ and } B)$$



Revision Checklist: Maths

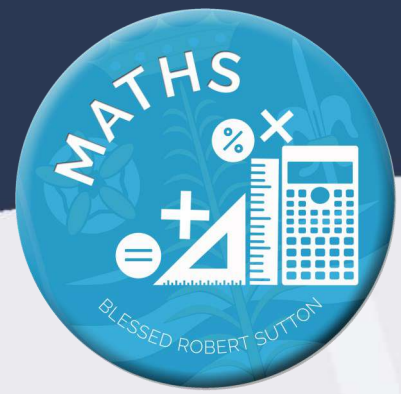


Paper 4 - Higher

OCR GCSE Maths	RAG		
	Red	Yellow	Green
Topic			
Quotients and BODMAS/BIDMAS			
Percentage change and reverse percentage			
Upper and lower bounds			
Standard form representation			
Decimal, fractions and percentages			
Direct proportion			
Solve ratio and proportion problems			
Growth and decay problems			
Expand and factorise an expression			
Algebraic fractions			
Substitute values into expressions			
Formulate algebraic expressions			
Solving inequalities			
Drawing and interpreting graphs including quadratics			
Equations of circles			
Properties of a triangle and naming circle term			
Angles in polygons and angles in parallel lines			
Volume of pyramid and sphere			
Probability including conditional probability			
Pythagoras' Theorem			
Standard circle theorems			
Algebraic proofs			
Collecting data including and using scatter diagrams			
Circumference of a circle			



Revision Checklist: Maths

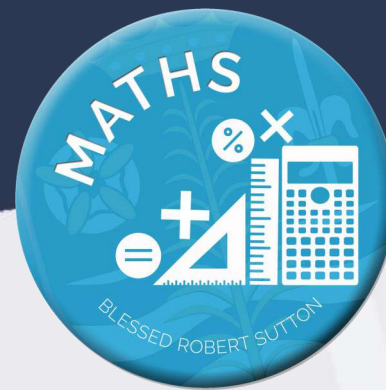


Paper 5 - Higher

OCR GCSE Maths	RAG		
	Red	Yellow	Green
Topic			
Fraction and decimal arithmetic			
Types of numbers, factors and multiples			
Decimals, fractions and recurring decimals			
Percentage calculations and percentage change			
Index notation and index laws			
Surds and exact calculations			
Rounding and estimation			
Standard form			
Simplify ratios and using ratios			
Inverse proportion			
Forming and simplifying algebraic expressions			
Expanding brackets and substituting into an expression			
Rearranging formulae			
Quadratic equations			
Approximate solutions by iteration			
Equations of circles			
Drawing and interpreting graphs			
Equation of a line			
Transformations			
Construction, loci, bearings and scale drawings			
Trigonometry and exact trigonometric ratios			
Venn diagrams, sets and conditional probability			
Circumference of a circle and length of an arc			
Pie chart, line graph and time series			



Revision Checklist: Maths

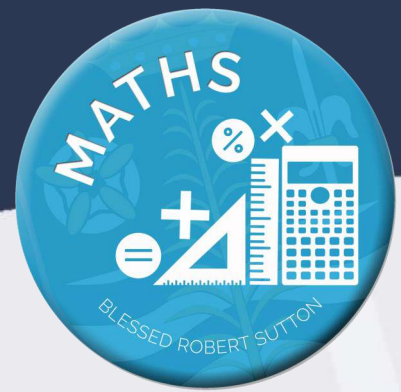


Paper 6 - Higher

OCR GCSE Maths	RAG		
	Red	Yellow	Green
Topic			
Types of numbers, factors and multiples			
Percentage change and reverse percentages			
Index notation and index laws			
Standard form calculation			
Ratio and proportion including growth and decay			
Simplifying algebraic expressions			
Expand and factorise an expression			
Completing the square			
Solve linear and quadratic equations			
Rearranging formulae			
Graphical inequalities			
Features and types of graphs			
Trigonometry and trigonometric graphs			
Length, area and volume scale factors of similar figures			
Units of money, distance, time, density, mass, volume & area			
Cumulative frequency			
Probability including sample space diagrams			
Solution set for inequalities			
Reason for congruency			
Area & circumference of a circle			
Volume and surface area of cuboids and prisms			
Transformations of graphs			
Drawing and interpreting graphs			



Revision Checklist: Maths



Higher Tier Formulae Sheet

Perimeter, Area and Volume

Where a and b are the lengths of the parallel sides and h is their perpendicular separation:

$$\text{Area of a trapezium} = \frac{1}{2}(a + b)h$$

Volume of a prism = area of cross section \times length

Where r is the radius and d is the diameter:

$$\text{Circumference of a circle} = 2\pi r = \pi d$$

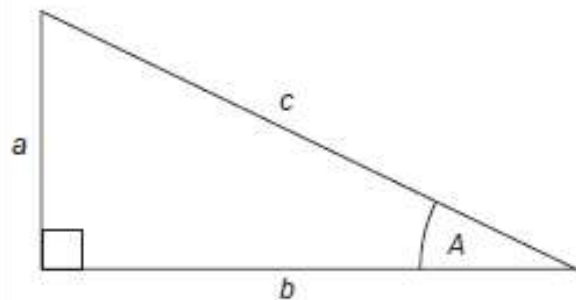
$$\text{Area of a circle} = \pi r^2$$

The Quadratic Formula

The solutions of $ax^2 + bx + c = 0$ where $a \neq 0$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

Pythagoras' Theorem and Trigonometry

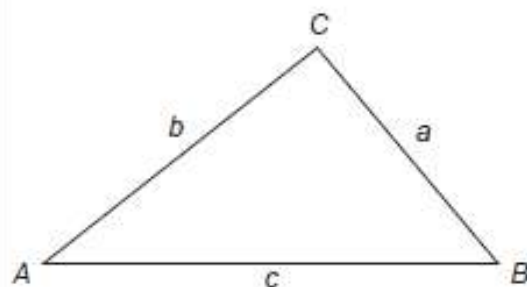


In any right-angled triangle where a , b and c are the length of the sides and c is the hypotenuse:

$$a^2 + b^2 = c^2$$

In any right-angled triangle ABC where a , b and c are the length of the sides and c is the hypotenuse:

$$\sin A = \frac{a}{c} \quad \cos A = \frac{b}{c} \quad \tan A = \frac{a}{b}$$



In any triangle ABC where a , b and c are the length of the sides:

$$\text{sine rule: } \frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

$$\text{cosine rule: } a^2 = b^2 + c^2 - 2bc \cos A$$

$$\text{Area of triangle} = \frac{1}{2}ab \sin C$$

Compound Interest

Where P is the principal amount, r is the interest rate over a given period and n is the number of times that the interest is compounded:

$$\text{Total accrued} = P \left(1 + \frac{r}{100} \right)^n$$

Probability

Where $P(A)$ is the probability of outcome A and $P(B)$ is the probability of outcome B :

$$P(A \text{ or } B) = P(A) + P(B) - P(A \text{ and } B)$$

$$P(A \text{ and } B) = P(A \text{ given } B)P(B)$$



Revision Checklist:

RE

Paper 1 - Origins & Meaning / Good & Evil



Eduqas GCSE RE	RAG		
A01 Topics			
Genesis creation accounts (1 and 2) / interpretations of Genesis			
St. Augustine and creation ex nihilo			
Scientific explanations: The Big Bang theory and evolution			
Catholic, Jewish and humanist views on caring for the environment			
Catholic beliefs about imago dei (including St. Catherine of Siena)			
Catholic, Jewish and humanist views on abortion			
Literary forms of the Bible, inspiration, revelation, Bible interpretations			
Michelangelo's Creation of Adam and the Tree of Life Apse mosaic			
Catholic Social Teaching: human rights, peace, justice and reconciliation			
Interfaith dialogue and the role of the Catholic Church			
The work of Catholic charities: CAFOD and SVP			
Catholic beliefs about the origin of evil (including St. Augustine)			
Catholic and Jewish beliefs about God's goodness			
Philosophical challenges to the problem of evil (inc. Hume and Mackie)			
Catholic responses to philosophical challenges (inc. Irenaeus & Hick)			
The Trinity (including the Nicene Creed and St. Augustine)			
Incarnation and the kenosis hymn			
Catholic sources of moral authority (Jesus, Beatitudes, conscience, NML)			
The development of the virtues			
Statues (Michelangelo's Pieta)			
The Rosary and the sorrowful mysteries			
Pilgrimage and Lourdes			
A02 Topics			
The creation of the world (religious and non-religious explanations)			
Catholic, Anglican and humanist views on the sanctity of life and abortion			
Catholic and humanist views on caring for the environment (stewardship)			
Good, evil and suffering			
Popular piety: The rosary and the sorrowful mysteries			



Revision Checklist:

RE

Paper 2 - Life & Death / Sin & Forgiveness



Eduqas GCSE RE	RAG		
A01 Topics			
Catholic beliefs about dying well			
Catholic, Anglican and humanist views on euthanasia and palliative care (sanctity of life vs quality of life)			
Catholic beliefs on life after death including heaven, hell and purgatory			
Catholic beliefs on resurrection, including St. Paul's teachings			
The nature and role of the Magisterium			
Vatican II (including the 4 key documents)			
The Paschal Candle (symbols) and how it is used at Easter and baptisms			
The scenes of the Passion Sarcophagus			
The Catholic funeral rite and symbols on the coffin			
Funeral music including Faure's Requiem/ Praying for the dead			
Different kinds of prayer (formulaic and extempore) / The Lord's prayer			
Sin and Crime			
Aims of punishment (deterrence, retribution and rehabilitation)			
Catholic teachings on forgiveness			
Capital punishment (for and against and Catholic teachings)			
Catholic beliefs on salvation, grace and free-will			
The Paschal Mystery			
Salvation outside of the Church			
The Nature of the Church (4 marks of the Church)			
Mary as a model of the Church & the Church as the Body of Christ			
Features of a Catholic church and architecture of a Church			
The sacraments of initiation, healing and vocation/ Eucharist			
Evangelisation/ UK laws, festivals and traditions			
A02 Topics			
Music and the funeral rite			
Artefacts—The Scenes of the Passion Sarcophagus			
Mission and Evangelisation in Britain and elsewhere/ Evangelii Gaudium			



Revision Checklist:

RE

Paper 3—Judaism



Eduqas GCSE RE	RAG		
A01 Topics			
Beliefs			
Nature of God- God as One, creator, law-giver and judge			
Jewish beliefs about Shekhinah			
Orthodox and Reform beliefs about Messiah			
Covenant with Abraham and Moses (including 10 commandments)			
Importance of the Mitzvoth/ Mitzvot Day/ Free will			
Pikuach Nefesh and the sanctity of life			
Orthodox and Reform beliefs about the afterlife and resurrection			
Practices			
Worship at home/ Shabbat in the home/ Prayer/ items used for worship			
Worship in the Synagogue/ Shabbat in the synagogue			
Items worn for worship (kippah, tefillin and tallit)			
Functions and features of a synagogue			
Rituals– Brit Milah/ Bar Mitzvah and Bat Mitzvah			
Jewish marriage rites			
Jewish funeral rites			
Daily Life-/ Tenakh (inc. difference between Orthodox and Reform interpretations)			
Keeping kosher/ dietary laws			
Festivals (Rosh Hashanah, Yom Kippur, Sukkot and Passover)			
A02 Topics			
Beliefs			
Covenant—Abraham and Moses			
Practices			
Festivals (Rosh Hashanah, Yom Kippur, Sukkot and Passover)			

RAG Rating:

Red—Not confident at all

Amber—Fairly confident but still some work to do

Green—Very confident



Revision Checklist: Biology Paper 1 – Foundation



Topics not explicitly given in any list may appear in low tariff questions or via 'linked' questions. Linked questions are those that bring together knowledge, skills and understanding from across the specification. Students will still be expected to apply their knowledge to unfamiliar contexts.

AQA GCSE Biology Foundation	RAG		
Major Focus Topic Content	Red	Amber	Green
4.1.1 Cell structure			
4.1.3 Transport in cells			
4.2.2 Animal tissues, organs and organ systems			
4.3.1 Communicable diseases			
4.4.1 Photosynthesis			
Required practical 1: how a light microscope is used to observe plant cells			
Required practical 3: investigate the effect of a range of concentrations of salt solution on the mass of plant tissue			
Required practical 4: use qualitative reagents to test for a range of carbohydrates, lipids and proteins			
Required practical 6: investigate the effect of light intensity on the rate of photosynthesis using an aquatic organism such as pondweed			

Content **not assessed** in this paper:

- 4.1.1.4 Cell differentiation
- 4.2.1 Principles of organisation
- 4.2.2.3 Blood
- 4.2.2.7 Cancer
- 4.3.1.5 Protist diseases
- 4.4.1.3 Uses of glucose from photosynthesis
- 4.4.2.1 Aerobic and anaerobic respiration
- 4.4.2.2 Response to exercise

RAG Rating:

- Red—Not confident at all
- Amber—Fairly confident but still some work to do
- Green—Very confident



Revision Checklist: Biology Paper 2 – Foundation



Topics not explicitly given in any list may appear in low tariff questions or via 'linked' questions. Linked questions are those that bring together knowledge, skills and understanding from across the specification. Students will still be expected to apply their knowledge to unfamiliar contexts .

AQA GCSE Biology Foundation	RAG		
Major Focus Topic Content	Red	Yellow	Green
4.5.2 The humans nervous system			
4.5.3 Hormonal control in humans			
4.5.4 Plant hormones			
4.6.1 Reproduction			
4.6.3 The development of understanding genetics and evolution			
Required practical 7: carry out an investigation into human reaction times			
Required practical 8: investigate the effect of light on the growth of newly germinated seedlings			
Required practical 9: measure the population size of a common species in a habitat			

Content **not assessed** in this paper:

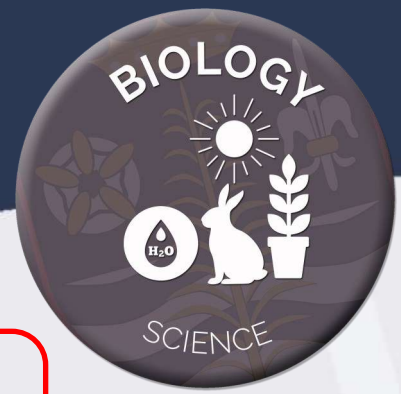
- 4.5.2.2 The brain
- 4.5.2.3 The eye
- 4.5.3.3 Maintaining water and nitrogen balance in the body
- 4.6.1.3 Advantages and disadvantages of sexual and asexual reproduction
- 4.6.1.5 DNA structure
- 4.6.1.8 Sex determination
- 4.6.2 Variation and evolution
- 4.6.3.1 Theory of evolution
- 4.6.3.2 Speciation
- 4.6.3.3 The understanding of genetics
- 4.6.3.7 Resistant bacteria
- 4.7.1.4 Adaptations

Content **not assessed** in this paper:

- 4.7.2.2 How materials are cycled
- 4.7.2.3 Decomposition
- 4.7.3.1 Biodiversity
- 4.7.3.3 Land use
- 4.7.3.4 Deforestation
- 4.7.3.5 Global warming
- 4.7.3.6 Maintaining biodiversity
- 4.7.4 Trophic levels in an ecosystem
- 4.7.5 Food production



Revision Checklist: Biology Paper 1 – Higher



Topics not explicitly given in any list may appear in low tariff questions or via 'linked' questions. Linked questions are those that bring together knowledge, skills and understanding from across the specification. Students will still be expected to apply their knowledge to unfamiliar contexts.

AQA GCSE Biology Higher	RAG		
Major Focus Topic Content	Red	Amber	Green
4.1.1 Cell structure			
4.1.3 transport in cells			
4.2.2 Animals tissues, organs and organ systems			
4.2.3 plant tissues, organs and systems			
4.3.1 Communicable diseases			
4.3.2 Monoclonal antibodies			
Required practical 1: use a light microscope to observe plant cells			
Required practical 3: investigate the effect of a range of concentrations of salt solution on the mass of plant tissue			
Required practical 4: use qualitative reagents to test for a range of carbohydrates, lipids and proteins			

Content **not assessed** in this paper:

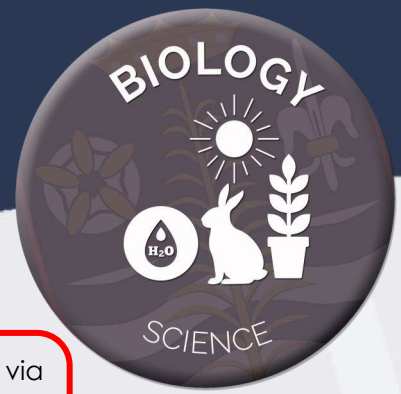
- 4.2.2.3 Blood
- 4.2.2.7 Cancer
- 4.3.1.8 Antibiotics and pain killers
- 4.3.1.9 Discovery and development of drugs
- 4.4.2.2 Response to exercise

RAG Rating:

- Red—Not confident at all
- Amber—Fairly confident but still some work to do
- Green—Very confident



Revision Checklist: Biology Paper 2 – Higher



Topics not explicitly given in any list may appear in low tariff questions or via 'linked' questions. Linked questions are those that bring together knowledge, skills and understanding from across the specification. Students will still be expected to apply their knowledge to unfamiliar contexts .

AQA GCSE Biology Higher	RAG		
Major Focus Topic Content	Red	Amber	Green
4.5.2 The human nervous system			
4.5.3 Hormonal control in humans			
4.5.4 Plant hormones			
4.6.1 Reproduction			
4.7.2 organisation of an ecosystem			
Required practical 8: investigate the effect of light on the growth of newly developed germinated seedling's			
Required practical 9: measure the population size of a common species in a habitat			

Content **not assessed** in this paper:

- 4.5.2.1 Structure and function
- 4.5.2.2 The brain
- 4.5.2.3 The eye
- 4.5.3.4 Hormones in human reproduction
- 4.5.3.5 Contraception
- 4.5.3.6 The use of hormones to treat infertility
- 4.5.3.7 Negative feedback
- 4.5.4.2 Use of plant hormones
- 4.6.1.3 Advantages and disadvantages of sexual and asexual reproduction
- 4.6.1.8 Sex determination
- 4.6.2 Variation and evolution
- 4.6.3 The development of understanding of genetics and evolution

Content **not assessed** in this paper:

- 4.7.1.4 Adaptations
- 4.7.2.4 Impact of environmental change
- 4.7.3.1 Biodiversity
- 4.7.3.4 Deforestation
- 4.7.3.6 Maintaining biodiversity
- 4.7.4.1 Trophic levels
- 4.7.4.2 Pyramids of biomass
- 4.7.5.3 Sustainable fisheries
- 4.7.5.4 Role of biotechnology

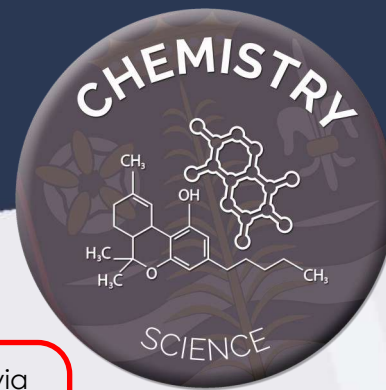
RAG Rating:

- Red—Not confident at all
- Amber—Fairly confident but still some work to do
- Green—Very confident



Revision Checklist: Chemistry

Paper 1 – Foundation



Topics not explicitly given in any list may appear in low tariff questions or via 'linked' questions. Linked questions are those that bring together knowledge, skills and understanding from across the specification. Students will still be expected to apply their knowledge to unfamiliar contexts.

AQA GCSE Chemistry Foundation	RAG		
Major Focus Topic Content	Red	Amber	Green
4.1.1 A simple model of the atom, symbols, relative atomic mass, electronic charge and isotopes			
4.1.2 The periodic table			
4.2.1 Chemical bonds, ionic, covalent and metallic			
4.2.2 How bonding and structure are related to the properties of substances			
4.2.4 Bulk and surface properties of matter including nanoparticles			
4.4.2 Reactions of acids			
4.5.1 Exothermic and endothermic reactions			
Required practical 1: preparation of a pure, dry sample of a soluble salt from an insoluble oxide or carbonate, using a Bunsen burner to heat dilute acid and a water bath or electric heater to evaporate the solution			
Required practical 2: determination of the reacting volumes of solutions of a strong acid and a strong alkali by titration			
Required practical 4: investigate the variables that affect temperature changes in reacting solutions such as, eg, acid plus metals, acid plus carbonates, neutralisations, displacement of metals			

Content **not assessed** in this paper:

4.5.2 Chemical cells and fuel cells

RAG Rating:

Red—Not confident at all

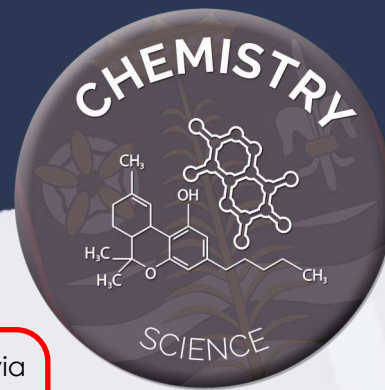
Amber—Fairly confident but still some work to do

Green—Very confident



Revision Checklist: Chemistry

Paper 2 – Foundation



Topics not explicitly given in any list may appear in low tariff questions or via 'linked' questions. Linked questions are those that bring together knowledge, skills and understanding from across the specification. Students will still be expected to apply their knowledge to unfamiliar contexts.

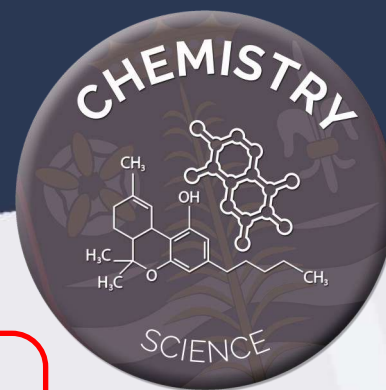
AQA GCSE Chemistry Foundation	RAG		
Major Focus Topic Content			
4.6.1 Rate of reaction			
4.6.2 Reversible reactions and dynamic equilibrium			
4.7.4 Carbon compounds as fuels and feedstock			
4.8.3 Identification of ions by chemical and spectroscopic means			
4.9.1 The composition and evolution of the Earth's atmosphere			
4.10.1 Using the Earth's resources and obtaining potable water			
4.10.2 Life cycle assessment and recycling			
4.10.4 The Haber process and the use of NPK fertilisers			
Required practical 5: investigate how changes in concentration affect the rates of reactions by a method involving measuring the volume of a gas produced and a method involving a change in colour or turbidity. This should be an investigation developing a hypothesis			
Required practical 6: investigate how paper chromatography can be used to separate and tell the difference between coloured substances. Students should calculate R _f values			
Required practical 7: use of chemical tests to identify the ions in unknown single ionic compounds covering the ions from sections Flame tests through to Sulfates			
Required practical 8: analysis and purification of water samples from different sources, including pH, dissolved solids and distillation			

Content **not assessed** in this paper:

4.8.2 Identification of common gases



Revision Checklist: Chemistry Paper 1 – Higher



Topics not explicitly given in any list may appear in low tariff questions or via 'linked' questions. Linked questions are those that bring together knowledge, skills and understanding from across the specification. Students will still be expected to apply their knowledge to unfamiliar contexts.

AQA GCSE Chemistry Higher	RAG		
Major Focus Topic Content	Red	Amber	Green
4.1.2 The periodic table			
4.2.1 Chemical bonds, ionic, covalent and metallic			
4.2.2 How bonding and structure are related to the properties of substances			
4.2.3 Structure and bonding of carbon			
4.3.2 Use of amount of substance in relation to masses of pure substances			
4.4.1 Reactivity of metals			
4.4.2 Reactions of acids			
4.4.3 Electrolysis			
4.5.1 Exothermic and endothermic reactions			
Required practical 1: preparation of a pure, dry sample of a soluble salt from an insoluble oxide or carbonate, using a Bunsen burner to heat dilute acid and a water bath or electric heater to evaporate the solution.			
Required practical 2: determination of the reacting volumes of solutions of a strong acid and a strong alkali by titration			
Required practical 4: investigate the variables that affect temperature changes in reacting solutions such as, eg, acid plus metals, acid plus carbonates, neutralisations, displacement of metals.			

RAG Rating:

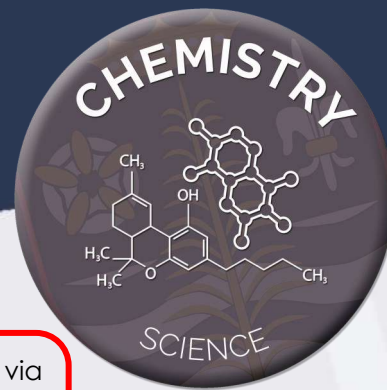
Red—Not confident at all
Amber—Fairly confident but still some work to do
Green—Very confident

Content **not assessed** in this paper:

4.2.4 Bulk and surface properties of matter including nanoparticles



Revision Checklist: Chemistry Paper 2 – Higher



Topics not explicitly given in any list may appear in low tariff questions or via 'linked' questions. Linked questions are those that bring together knowledge, skills and understanding from across the specification. Students will still be expected to apply their knowledge to unfamiliar contexts .

AQA GCSE Chemistry Higher	RAG		
Major Focus Topic Content	Red	Yellow	Green
4.6.1 Rate of reaction			
4.6.2 Reversible reactions and dynamic equilibrium			
4.7.1 Carbon compounds as fuels and feedstock			
4.9.1 The composition and evolution of the Earth's atmosphere			
4.10.1 Using the Earth's resources and obtaining potable water			
4.10.4 The Haber process and the use of NPK fertilisers			
Required practical 5: investigate how changes in concentration affect the rates of reactions by a method involving measuring the volume of a gas produced and a method involving a change in colour or turbidity. This should be an investigation developing a hypothesis			
Required practical 7: use of chemical tests to identify the ions in unknown single ionic compounds covering the ions from sections Flame tests through to Sulfates			

Content **not assessed** in this paper:

4.9.2 Carbon dioxide and methane as greenhouse gases

RAG Rating:

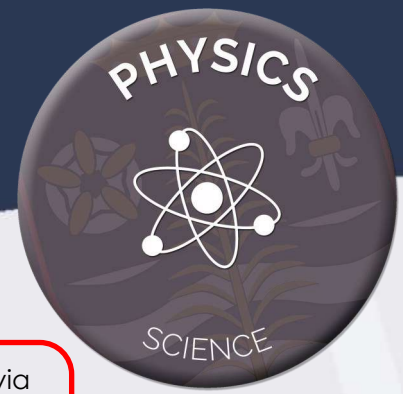
Red—Not confident at all

Amber—Fairly confident but still some work to do

Green—Very confident



Revision Checklist: Physics Paper 1 – Foundation



Topics not explicitly given in any list may appear in low tariff questions or via 'linked' questions. Linked questions are those that bring together knowledge, skills and understanding from across the specification. Students will still be expected to apply their knowledge to unfamiliar contexts.

AQA GCSE Physics Foundation	RAG		
Major Focus Topic Content	Red	Amber	Green
4.1.1 Energy Changes in a system, and the ways energy is stored before and after such changes			
4.1.2 Conservation and dissipation of energy			
4.2.1 Current, potential difference and resistance			
4.2.5 Static electricity			
4.3.1 Changes of state and the particle model			
4.3.2 Internal energy and energy transfers			
4.4.2 Atoms and nuclear radiation			
Required practical 2: investigate the effectiveness of different materials as thermal insulators and the factors that may affect the thermal insulation properties of a material			
Required practical 5: use appropriate apparatus to make and record the measurements needed to determine the densities of regular and irregular solid objects and liquids			

Content **not assessed** in this paper:

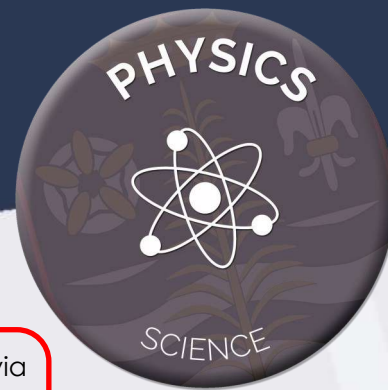
- 4.2.3 Domestic uses and safety
- 4.3.3 Particle model and pressure
- 4.4.1 Atoms and isotopes
- 4.4.4 Nuclear fission and fusion

RAG Rating:

- Red—Not confident at all
- Amber—Fairly confident but still some work to do
- Green—Very confident



Revision Checklist: Physics Paper 2 – Foundation



Topics not explicitly given in any list may appear in low tariff questions or via 'linked' questions. Linked questions are those that bring together knowledge, skills and understanding from across the specification. Students will still be expected to apply their knowledge to unfamiliar contexts.

AQA GCSE Physics Foundation	RAG		
Major Focus Topic Content	Red	Amber	Green
4.5.1 Forces and their interactions			
4.5.2 Work done and energy transfer			
4.5.6.1 Describing motion along a line l			
4.6.1 Waves in air, fluids and solids			
4.6.2 Electromagnetic waves			
4.8.1 Solar system; stability of orbital motions; satellites			
Required practical 9: investigate the reflection of light by different types of surface and the refraction of light by different substances			

Content **not assessed** in this paper:

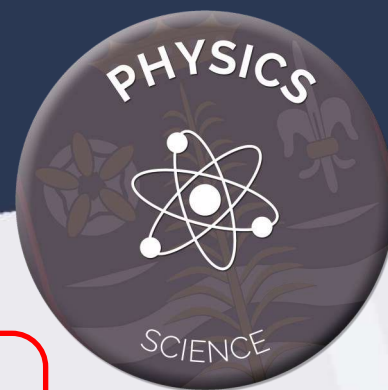
- 4.5.4 Moments, levers and gears
- 4.5.6.2 Forces. Accelerations and Newton's Laws of Motion
- 4.5.6.3 Forces and braking
- 4.6.3 Black body radiation
- 4.8. Red-shift

RAG Rating:

- Red—Not confident at all
- Amber—Fairly confident but still some work to do
- Green—Very confident



Revision Checklist: Physics Paper 1 – Higher



Topics not explicitly given in any list may appear in low tariff questions or via 'linked' questions. Linked questions are those that bring together knowledge, skills and understanding from across the specification. Students will still be expected to apply their knowledge to unfamiliar contexts.

AQA GCSE Physics Higher	RAG		
Major Focus Topic Content	Red	Amber	Green
4.1.1 Energy changes in a system, and the ways energy is stored before and after such changes			
4.1.2 Conservation and dissipation of energy			
4.2.4 Energy transfers			
4.3.1 Changes of state and the particle model			
4.3.2 Internal energy and energy transfers			
Required practical 2: investigate the effectiveness of different materials as thermal insulators and the factors that may affect the thermal insulation properties of a material			
Required practical 4: Required practical activity 5: use appropriate apparatus to make and record the measurements needed to determine the densities of regular and irregular solid objects and liquids			

Content **not assessed** in this paper:

- 4.2.1 Current, potential difference and resistance
- 4.2.2 Series and parallel circuits
- 4.2.3 Domestic uses and safety
- 4.3.3 Particle model and pressure
- 4.4.1 Atoms and isotopes
- 4.4.3 Hazards and uses of radioactive emissions and of background radiation
- 4.4.4 Nuclear fission and fusion

RAG Rating:

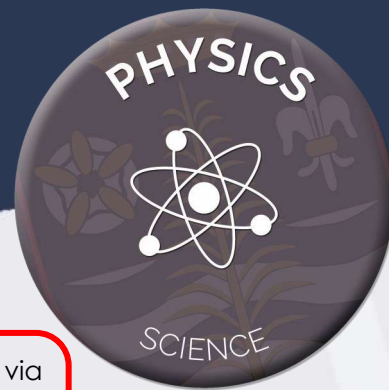
- Red—Not confident at all
- Amber—Fairly confident but still some work to do
- Green—Very confident



Revision Checklist:

Physics

Paper 2 – Higher



Topics not explicitly given in any list may appear in low tariff questions or via 'linked' questions. Linked questions are those that bring together knowledge, skills and understanding from across the specification. Students will still be expected to apply their knowledge to unfamiliar contexts .

AQA GCSE Physics Higher	RAG		
Major Focus Topic Content	Red	Amber	Green
4.5.1 Forces and their interactions			
4.5.2 Work done and energy transfers			
4.5.3 Forces and elasticity			
4.5.5 Pressure and pressure difference in fluids			
4.5.6.1 describing motion along a line			
4.5.7 Momentum			
4.6.1 Waves in air, fluids and solids			
4.8.1 Solar system; stability of orbital motions; satellites			
4.8.2 Red-shift			
Required practical 9: investigate the reflection of light by different types of surface and the refraction of light by different substances			

Content **not assessed** in this paper:

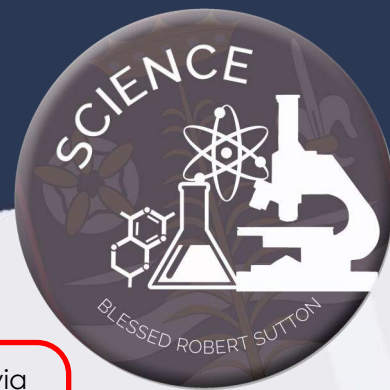
- 4.5.4 Moments, levers and gears
- 4.6.2 Electromagnetic waves
- 4.6.3 Black body radiation
- 4.7.1 Permanent and induced magnetism, magnetic forces and fields

RAG Rating:

- Red—Not confident at all
- Amber—Fairly confident but still some work to do
- Green—Very confident



Revision Checklist: Trilogy Biology Paper 1 – Foundation



Topics not explicitly given in any list may appear in low tariff questions or via 'linked' questions. Linked questions are those that bring together knowledge, skills and understanding from across the specification. Students will still be expected to apply their knowledge to unfamiliar contexts.

AQA GCSE Trilogy Biology Foundation	RAG		
Major Focus Topic Content	Red	Amber	Green
4.1.2 Cell division			
4.2.2 Animal tissues, organs and organ systems			
4.3.1 Communicable diseases			
4.4.1 Photosynthesis			
Required practical 1: use of a light microscope			
Required practical 3: use qualitative reagents to test for a range of carbohydrates, lipids and proteins			
Required practical 5: investigate the effect of light on the rate of photosynthesis of an aquatic plant such as pondweed			

Content **not assessed** in this paper:

4.1.3.2 Osmosis

4.1.3.3 Active transport

4.2.2.4 Coronary heart disease: a non-communicable disease

4.4.1.3 Uses of glucose from photosynthesis

4.4.2 Respiration

RAG Rating:

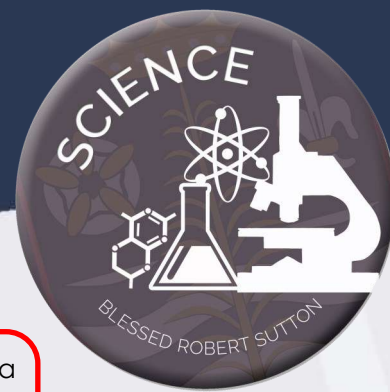
Red—Not confident at all

Amber—Fairly confident but still some work to do

Green—Very confident



Revision Checklist: Trilogy Biology Paper 2 – Foundation



Topics not explicitly given in any list may appear in low tariff questions or via 'linked' questions. Linked questions are those that bring together knowledge, skills and understanding from across the specification. Students will still be expected to apply their knowledge to unfamiliar contexts.

AQA GCSE Trilogy Biology Foundation	RAG		
Major Focus Topic Content	Red	Yellow	Green
4.5.3 Hormonal control in humans			
4.6.1 Reproduction			
4.7.1 Adaptations, interdependence and competition			
4.7.2 Organisation of an ecosystem			
Required practical 7: measure the population size of a common species in a habitat. Use sampling techniques to investigate the effect of a factor on the distribution of this species.			

Content **not assessed** in this paper:

- 4.5.2 The human nervous system
- 4.5.3.3 Hormones in human reproduction
- 4.5.3.4 Contraception
- 4.6.1.1 Sexual and asexual reproduction
- 4.6.1.2 Meiosis
- 4.6.1.6 Sex determination
- 4.6.2.1 Variation
- 4.6.2.2 Evolution
- 4.6.2.3 Selective breeding

Content **not assessed** in this paper:

- 4.6.3.3 Extinction
- 4.6.3.4 Resistant bacteria
- 4.7.1.4 Adaptations
- 4.7.3.1 Biodiversity
- 4.7.3.3 Land use
- 4.7.3.4 Deforestation
- 4.7.3.5 Global warming
- 4.7.3.6 Maintaining biodiversity



Revision Checklist: Trilogy Biology Paper 1 – Higher



Topics not explicitly given in any list may appear in low tariff questions or via 'linked' questions. Linked questions are those that bring together knowledge, skills and understanding from across the specification. Students will still be expected to apply their knowledge to unfamiliar contexts.

AQA GCSE Trilogy Biology Higher	RAG		
Major Focus Topic Content	Red	Amber	Green
4.1.2 Cell division			
4.2.2 Animal tissues, organs and organ systems			
4.4.1 Photosynthesis			
Required practical 3: use qualitative reagents to test for a range of carbohydrates, lipids and proteins			
Required practical 4: investigate the effect of pH on the rate of reaction of amylase enzyme			
Required practical 5: investigate the effect of light on the rate of photosynthesis of an aquatic plant such as pondweed			

Content **not assessed** in this paper:

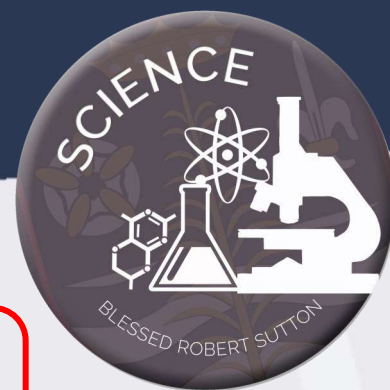
- 4.1.1.5 Microscopy
- 4.1.3 Transport in cells
- 4.2.3 Plant tissues, organs and systems
- 4.3.1.2 Viral diseases
- 4.3.1.4 Fungal diseases
- 4.3.1.5 Protist diseases
- 4.3.1.6 Human defence systems
- 4.4.1.3 Uses of glucose from photosynthesis
- 4.4.2.2 Response to exercise

RAG Rating:

- Red—Not confident at all
- Amber—Fairly confident but still some work to do
- Green—Very confident



Revision Checklist: Trilogy Biology Paper 2 – Higher



Topics not explicitly given in any list may appear in low tariff questions or via 'linked' questions. Linked questions are those that bring together knowledge, skills and understanding from across the specification. Students will still be expected to apply their knowledge to unfamiliar contexts .

AQA GCSE Trilogy Biology Higher	RAG		
Major Focus Topic Content	Red	Yellow	Green
4.5.3 Hormonal control in humans			
4.7.2 Organisation of an ecosystem			
4.7.3 Biodiversity and the effect of human interaction on an ecosystem			
Required practical 7: measure the population size of a common species in a habitat. Use sampling techniques to investigate the effect of a factor on the distribution of this species			

Content **not assessed** in this paper:

- 4.5.2 The human nervous system
- 4.5.3.4 Contraception
- 4.6.1.1 Sexual and asexual reproduction
- 4.6.1.3 DNA and the genome
- 4.6.1.4 Genetic inheritance
- 4.6.1.5 Inherited disorders
- 4.6.1.6 Sex determination
- 4.6.2 Variation and evolution
- 4.6.3 The development of understanding of genetics and evolution
- 4.7.1.4 Adaptations
- 4.7.3.3 Land use
- 4.7.3.4 Deforestation



Revision Checklist: Trilogy Chemistry Paper 1 – Foundation



Topics not explicitly given in any list may appear in low tariff questions or via 'linked' questions. Linked questions are those that bring together knowledge, skills and understanding from across the specification. Students will still be expected to apply their knowledge to unfamiliar contexts.

AQA GCSE Trilogy Chemistry Foundation	RAG		
Major Focus Topic Content	Red	Amber	Green
5.1.2 The periodic table			
5.2.2 How bonding and structure are related to the properties of substances			
5.2.3 Structure and bonding of carbon			
5.4.1 Reactivity of metals			
5.4.2 Reactions of acids			
5.4.3 Electrolysis			
Required practical 8: preparation of a pure, dry sample of a soluble salt from an insoluble oxide or carbonate, using a Bunsen burner to heat dilute acid and a water bath or electric heater to evaporate the solution.			
Required practical 9: investigate what happens when aqueous solutions are electrolysed using inert electrodes. This should be an investigation involving developing a hypothesis			
Required practical 10: investigate the variables that affect temperature changes in reacting solutions such as, eg, acid plus metals, acid plus carbonates, neutralisations, displacement of metals			

RAG Rating:

Red—Not confident at all

Amber—Fairly confident but still some work to do

Green—Very confident



Revision Checklist: Trilogy Chemistry Paper 2 – Foundation



Topics not explicitly given in any list may appear in low tariff questions or via 'linked' questions. Linked questions are those that bring together knowledge, skills and understanding from across the specification. Students will still be expected to apply their knowledge to unfamiliar contexts.

AQA GCSE Trilogy Chemistry Foundation	RAG		
Major Focus Topic Content	Red	Amber	Green
5.6.1 Rate of reaction			
5.6.2 Reversible reactions and dynamic equilibrium			
5.7.1 Carbon compounds as fuels and feedstock			
5.8.1 Purity, formulations and chromatography			
5.9.1 The composition and evolution of the Earth's atmosphere			
5.9.3 Common atmospheric pollutants and their sources			
5.10.1 Using the Earth's resources and obtaining potable water			
Required practical 11: investigate how changes in concentration affect the rates of reactions by a method involving measuring the volume of a gas produced and a method involving a change in colour or turbidity. This should be an investigation involving developing a hypothesis			
Required practical 12: investigate how paper chromatography can be used to separate and tell the difference between coloured substances. Students should calculate R _f values			

Content **not assessed** in this paper:

5.9.2 Carbon dioxide and methane as greenhouse gases

RAG Rating:

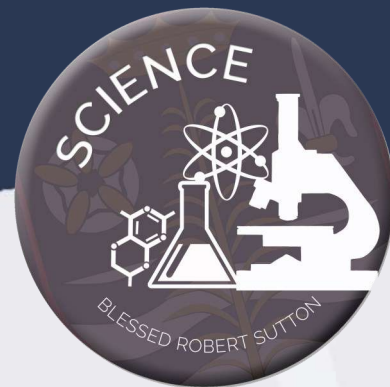
Red—Not confident at all

Amber—Fairly confident but still some work to do

Green—Very confident



Revision Checklist: Trilogy Chemistry Paper 1 – Higher



Topics not explicitly given in any list may appear in low tariff questions or via 'linked' questions. Linked questions are those that bring together knowledge, skills and understanding from across the specification. Students will still be expected to apply their knowledge to unfamiliar contexts.

AQA GCSE Trilogy Chemistry Higher	RAG		
Major Focus Topic Content	Red	Amber	Green
5.2.2 How bonding and structure are related to the properties of substances			
5.3.2 Use of amount of substance in relation to masses of pure substances			
5.4.1 Reactivity of metals			
5.4.2 Reactions of acids			
5.4.3 Electrolysis			
5.5.1 Exothermic and endothermic reactions			
Required practical 8: preparation of a pure, dry sample of a soluble salt from an insoluble oxide or carbonate, using a Bunsen burner to heat dilute acid and a water bath or electric heater to evaporate the solution			
Required practical 9: investigate what happens when aqueous solutions are electrolysed using inert electrodes. This should be an investigation involving developing a hypothesis			
Required practical 10: investigate the variables that affect temperature changes in reacting solutions such as, eg, acid plus metals, acid plus carbonates, neutralisations, displacement of metals			

RAG Rating:

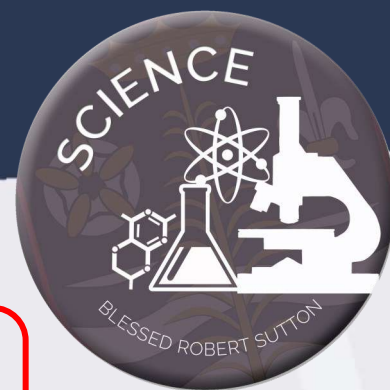
Red—Not confident at all

Amber—Fairly confident but still some work to do

Green—Very confident



Revision Checklist: Trilogy Chemistry Paper 2 – Higher



Topics not explicitly given in any list may appear in low tariff questions or via 'linked' questions. Linked questions are those that bring together knowledge, skills and understanding from across the specification. Students will still be expected to apply their knowledge to unfamiliar contexts .

AQA GCSE Trilogy Chemistry Higher	RAG		
Major Focus Topic Content	Red	Amber	Green
5.6.1 Rate of reaction			
5.6.2 Reversible reactions and dynamic equilibrium			
5.7.1 Carbon compounds as fuels and feedstock			
5.8.1 Purity, formulations and chromatography			
5.9.1 The composition and evolution of the Earth's atmosphere			
5.10.1 Using the Earth's resources and obtaining potable water			
Required practical 11: investigate how changes in concentration affect the rates of reactions by a method involving measuring the volume of a gas produced and a method involving a change in colour or turbidity. This should be an investigation involving developing a hypothesis			
Required practical 12: investigate how paper chromatography can be used to separate and tell the difference between coloured substances. Students should calculate R _f values			

Content **not assessed** in this paper:

5.8.2 Identification of common gases

RAG Rating:

Red—Not confident at all

Amber—Fairly confident but still some work to do

Green—Very confident



Revision Checklist:

Trilogy Physics

Paper 1 – Foundation



Topics not explicitly given in any list may appear in low tariff questions or via 'linked' questions. Linked questions are those that bring together knowledge, skills and understanding from across the specification. Students will still be expected to apply their knowledge to unfamiliar contexts.

AQA GCSE Trilogy Physics Foundation	RAG		
Major Focus Topic Content	Red	Amber	Green
6.1.1 Energy changes in a system, and the ways energy is stored			
6.1.3 National and global energy resources			
6.2.1 Current, potential difference and resistance			
6.3.1 Changes of state and the particle model			
6.4.2 Atoms and nuclear radiation			
Required practical 14: an investigation to determine the specific heat capacity of one or more materials. The investigation will involve linking the decrease of one energy store (or work done) to the increase in temperature and subsequent increase in thermal energy stored			
Required practical 16: use circuit diagrams to construct appropriate circuits to investigate the I–V characteristics of a variety of circuit elements, including a filament lamp, a diode and a resistor at constant temperature			

Content **not assessed** in this paper:

6.2.3 Domestic uses and safety

6.3.3 Particle model and pressure

6.4.1 Atoms and isotopes

RAG Rating:

Red—Not confident at all

Amber—Fairly confident but still some work to do

Green—Very confident



Revision Checklist:

Trilogy Physics

Paper 2 – Foundation



Topics not explicitly given in any list may appear in low tariff questions or via 'linked' questions. Linked questions are those that bring together knowledge, skills and understanding from across the specification. Students will still be expected to apply their knowledge to unfamiliar contexts.

AQA GCSE Trilogy Physics Foundation	RAG		
Major Focus Topic Content	Red	Amber	Green
6.5.1 Forces and their interactions			
6.5.4.1 Describing motion along a line			
6.5.4.2 Forces, accelerations and Newton's Laws of motion			
6.5.4.3 Forces and braking			
6.6.2 Electromagnetic waves			
6.7.1 Permanent and induced magnetism, magnetic forces and fields			
6.7.2 The motor effect			
Required practical 21: investigate how the amount of infrared radiation absorbed or radiated by a surface depends on the nature of that surface			

Content **not assessed** in this paper:

- 6.5.3 Forces and elasticity

RAG Rating:

Red—Not confident at all

Amber—Fairly confident but still some work to do

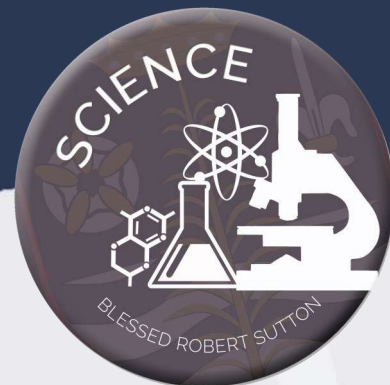
Green—Very confident



Revision Checklist:

Trilogy Physics

Paper 1 – Higher



Topics not explicitly given in any list may appear in low tariff questions or via 'linked' questions. Linked questions are those that bring together knowledge, skills and understanding from across the specification. Students will still be expected to apply their knowledge to unfamiliar contexts.

AQA GCSE Trilogy Physics Higher	RAG		
Major Focus Topic Content	Red	Amber	Green
6.1.1 Energy changes in a system, and the ways energy is stored			
6.2.4 Energy transfers			
6.3.1 Changes of state and the particle model			
6.3.3 Particle model and pressure			
6.4.1 Atoms and isotopes			
6.4.2 Atoms and nuclear radiation			
Required practical 14: an investigation to determine the specific heat capacity of one or more materials. The investigation will involve linking the decrease of one energy store (or work done) to the increase in temperature and subsequent increase in thermal energy stored			
Required practical 16: use circuit diagrams to construct appropriate circuits to investigate the I–V characteristics of a variety of circuit elements, including a filament lamp, a diode and a resistor at constant temperature			

Content **not assessed** in this paper:

- 6.2.2 Series and parallel circuits
- 6.2.3 Domestic uses and safety
- 6.3.2 Internal energy and energy transfers

RAG Rating:

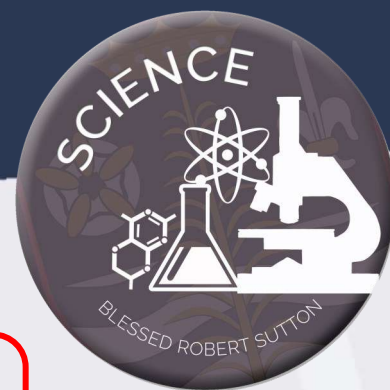
- Red—Not confident at all
- Amber—Fairly confident but still some work to do
- Green—Very confident



Revision Checklist:

Trilogy Physics

Paper 2 – Higher



Topics not explicitly given in any list may appear in low tariff questions or via 'linked' questions. Linked questions are those that bring together knowledge, skills and understanding from across the specification. Students will still be expected to apply their knowledge to unfamiliar contexts .

AQA GCSE Trilogy Physics Higher	RAG		
Major Focus Topic Content	Red	Amber	Green
6.5.1 Forces and their interactions			
6.5.4.1 Describing motion along a line			
6.5.4.2 Forces, accelerations and Newton's Laws of motion			
6.5.5 Momentum			
6.6.2 Electromagnetic waves			
6.7.2 The motor effect			
Required practical 21: investigate how the amount of infrared radiation absorbed or radiated by a surface depends on the nature of that surface			

Content **not assessed** in this paper:

6.5.3 Forces and elasticity

6.5.4.3 Forces and braking

6.7.1 Permanent and induced magnetism, magnetic forces and fields

RAG Rating:

Red—Not confident at all

Amber—Fairly confident but still some work to do

Green—Very confident



Revision Checklist: Art & Design



Eduqas GCSE Art & Design	RAG		
Coursework (100% final grade)	Red	Amber	Green
Sketchbook work is up to date			
Sketchbook work is completed to the best of my ability			
OneDrive targets have all been completed			
Any developments I wish to make to the natural form boards			
Any developments I wish to make to the body project			
Any developments I wish to make to the mock exam 5 hour piece			

Key dates:

5-6th April - 10 hour final exam

8th April - Final submission of all coursework (including the mock exam project, body project and natural forms boards)

RAG Rating:

Red—Not confident at all

Amber—Fairly confident but still some work to do

Green—Very confident



Revision Checklist: Art Textiles



AQA GCSE Art Textiles	RAG		
Coursework (100% final grade)	Red	Amber	Green
Sketchbook work is up to date			
Sketchbook work is completed to the best of my ability			
OneDrive targets have all been completed			
Any developments I wish to make to the natural forms project			
Any developments I wish to make to the mock exam 5 hour piece			

Key dates:

25th-26th April - 10 hour final exam

29th April - Final submission of all coursework (including the mock exam project and natural forms project)

RAG Rating:

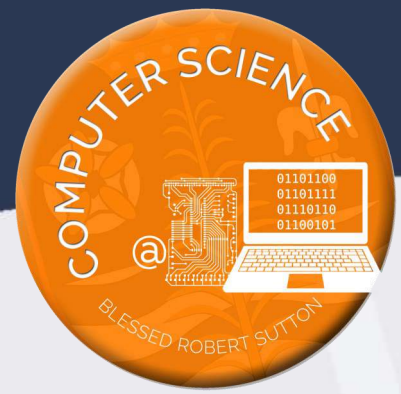
Red—Not confident at all

Amber—Fairly confident but still some work to do

Green—Very confident



Revision Checklist: Computer Science



OCR GCSE Computer Science	RAG		
Topic	Red	Amber	Green
Systems Architecture - Architecture of the CPU			
The purpose of the CPU			
Common CPU components and their features			
Von Neumann architecture			
Primary storage (Memory) - All subtopics to be covered			
Secondary storage - All subtopics to be covered			
Units - The units of data storage			
Data Storage - Numbers, Characters, Images and Sound			
Compression —All subtopics to be covered			
Networks and Topologies			
Factors that affect the performance of networks			
The hardware needed to connect stand-alone computers into a Local Area Network			
The Internet as a worldwide collection of computer networks			
Wired and wireless networks, protocols and layers			
Modes of connections & encryption			
IP addressing and MAC addressing			
Standards & common protocols			
Network security - Identifying and preventing vulnerabilities			
Common prevention methods			
Ethical, legal, cultural and environmental impacts of digital technology			
Impacts of digital technology on wider society			
Legislation relevant to Computer Science			

RAG Rating:

Red—Not confident at all

Amber—Fairly confident but still some work to do

Green—Very confident



Revision Checklist: Product Design



AQA GCSE Product Design	RAG		
Topic			
Selection of materials or components - Polymers			
Composite			
Modern and Smart materials			
Traditional—woods and metals			
Ecological and social footprint - Laws & packaging			
Life Cycle of products & Life cycle assessments			
Design for maintenance			
Moral, social and cultural issues			
Planned Obsolescence, Market pull & technology push			
Specialist techniques and processes - Scales of production			
Joining process			
Plastic forming Techniques			
Metal forming techniques			
Joining methods			
Mechanisms - Levers, Cranks/Cams, gears & pulleys			
Ergonomics & Anthropometrics			
Environmental, social and economic challenge - Sustainability			
6 R's Rethink, Refuse, Reuse, Repair, Reduce, Recycle			
Energy sources (Finite and non-finite)			
Communication of design ideas —Sketching & Rendering			
Scale and Ratio			
Isometric & perspective			
Orthographic			
Prototype development - Design process stages			
Specification contexts and product analysis			
Evaluations			
Modelling materials and clients/target markets involvement			
Material management - Planning of manufacture			
Methods of production and quality control & assurance			



Revision Checklist: Food & Nutrition



AQA GCSE Food & Nutrition	RAG		
Topic			
Making informed choices			
• the current guidelines for a healthy diet			
• portion size and costing when meal planning			
• how people's nutritional needs change and how to plan a balanced diet for different life stages			
• how to plan a balanced meal for specific dietary groups			
• how to maintain a healthy body weight throughout life			
Diet, nutrition and health			
• the relationship between diet, nutrition and health			
• major diet related health risks			
Carbohydrates			
• Gelatinisation			
• Dextrinisation			
• Caramelisation			
Buying, storing, preparing, cooking and serving food			
• the food safety principles when buying and storing food			
• the food safety principles when preparing, cooking and serving food			
Factors affecting food choice and the environment			
• To know and understand factors which may influence food choice.			
• environmental issues associated with food			
Food production			
• Primary and Secondary stages of processing and production			
• how processing affects the sensory and nutritional properties of ingredients			

Students should consider how to focus their revision on the list of advance information, but still cover other non-listed parts of the specification, which may be tested in other questions

- Students will still be expected to apply their knowledge to unfamiliar contexts
- Students will still be expected to draw on knowledge, skills and understanding from across the specification when responding to questions.



Revision Checklist: French



AQA GCSE French	RAG		
Topic	Red	Yellow	Green
Relationships with family and friends			
Marriage/partnership			
Social media			
Mobile technology			
Music			
Cinema and TV			
Food and eating out			
Sport			
Customs & festivals in French-speaking countries			
Home, town, neighbourhood and region			
Charity/voluntary work			
Healthy/unhealthy living			
The environment			
Poverty/homelessness			
Travel and tourism			
My studies			
Life at school			
Education post-16			
Jobs, career choices and ambitions			

RAG Rating:

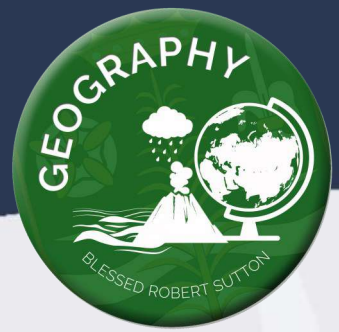
Red—Not confident at all

Amber—Fairly confident but still some work to do

Green—Very confident



Revision Checklist: Geography



AQA GCSE Geography	RAG		
<u>Paper 1 Living with the Physical Environment</u>			
Section A: The Challenge of Natural Hazards			
Natural Hazards			
Tectonic Hazards			
Weather Hazards			
Climate Change			
Section B: The Living World			
Ecosystems			
Tropical Rainforests			
Hot Deserts			
Section C: Physical Landscapes in the UK			
UK Physical Landscapes			
Coastal Landscapes in the UK			
River Landscapes in the UK			
<u>Paper 2 : Challenges in the Human Environment</u>			
Section A: Urban Issues and Challenges			
Section B The Changing Economic World			
Section C The Challenge of Resource Management (with Energy Option)			
<u>Paper 3: Geographical Applications</u>			
Section A: Generic Fieldwork			
Section B: Issue Evaluation			

RAG Rating:

Red—Not confident at all

Amber—Fairly confident but still some work to do

Green—Very confident



Revision Checklist: History



Paper 1: Thursday 19th May 2022 AM 1 hour

AQA GCSE History	RAG		
Conflict and tension: the First World War, 1894–1918			
The Alliance System: the Triple Alliance; Franco-Russian Alliance; relations between the 'Entente' powers; the crises in Morocco (1905 and 1911) and the Balkans (1908–1909), and their effects on international relations.			
Anglo-German rivalry: Britain and challenges to Splendid Isolation; Kaiser Wilhelm's aims in foreign policy, including Weltpolitik; colonial tensions; European rearmament, including the Anglo-German naval race.			
Outbreak of war: Slav nationalism and relations between Serbia and Austria-Hungary; the assassination of Archduke Franz Ferdinand in Sarajevo and its consequences; the July Crisis; the Schlieffen Plan and Belgium; reasons for the outbreak of hostilities and the escalation of the conflict.			
The Schlieffen Plan: the reasons for the plan, its failure, including the Battle of Marne and its contribution to the stalemate.			
The Western Front: military tactics and technology, including trench warfare; the war of attrition; key battles, including Verdun, the Somme and Passchendaele, the reasons for, the events and significance of these battles.			
The wider war: the war on other fronts; Gallipoli and its failure; the events and significance of the war at sea, including Jutland, the U-Boat campaign and convoys.			
Changes in the Allied Forces: consequences of the Bolshevik Revolution and the withdrawal of Russia on Germany strategy; the reasons for and impact of the entry of the USA into the war.			
Military developments in 1918 and their contribution to Germany's defeat: the evolution of tactics and technology; Ludendorff the German Spring Offensive; the Allied advance during The Hundred Days.			
Germany surrenders: impact of the blockade; abdication of the Kaiser; armistice; the contribution of Haig and Foch to Germany's defeat.			

RAG Rating:

Red—Not confident at all

Amber—Fairly confident but still some work to do

Green—Very confident



Revision Checklist: History



Paper 2: Thursday 16th June 2022 AM 1

AQA GCSE History	RAG		
Britain: Health and the People c.1000-Present			
Medieval medicine: approaches including natural, supernatural, ideas of Hippocratic and Galenic methods and treatments; the medieval doctor; training, beliefs about cause of illness.			
Medical progress: the contribution of Christianity to medical progress and treatment; hospitals; the nature and importance of Islamic medicine and surgery; surgery in medieval times, ideas and techniques.			
Public health in the Middle Ages: towns and monasteries; the Black Death in Britain, beliefs about its causes, treatment and prevention.			
The impact of the Renaissance on Britain: challenge to medical authority in anatomy, physiology and surgery; the work of Vesalius, Paré, William Harvey; opposition to change.			
Dealing with disease: traditional and new methods of treatments; quackery; methods of treating disease; plague; the growth of hospitals; changes to the training and status of surgeons and physicians; the work of John Hunter.			
Prevention of disease: inoculation; Edward Jenner, vaccination and opposition to change.			
The development of Germ Theory and its impact on the treatment of disease in Britain: the importance of Pasteur, Robert Koch and microbe hunting; Pasteur and vaccination; Paul Ehrlich and magic bullets; everyday medical treatments and remedies.			
A revolution in surgery: anaesthetics, including Simpson and chloroform; antiseptics, including Lister and carbolic acid; surgical procedures; aseptic surgery.			
Improvements in public health: public health problems in industrial Britain; cholera epidemics; the role of public health reformers; local and national government involvement in public health improvement, including the 1848 and 1875 Public Health Acts.			
Modern treatment of disease: the development of the pharmaceutical industry; penicillin, its discovery by Fleming, its development; new diseases and treatments, antibiotic resistance; alternative treatments.			
The impact of war and technology on surgery: plastic surgery; blood transfusions; X-rays; transplant surgery; modern surgical methods, including lasers, radiation therapy and keyhole surgery.			
Modern public health: the importance of Booth, Rowntree, and the Boer War; the Liberal social reforms; the impact of two world wars on public health, poverty and housing; the Beveridge Report and the Welfare State; creation and development of the National Health Service; costs, choices and the issues of healthcare in the 21st century.			



Revision Checklist: History



Paper 3: 21st June 2022 AM 1 hour

AQA GCSE History	RAG		
Norman England c.1066-c.1100			
Causes of Norman Conquest, including the death of Edward the Confessor, the claimants and claims.			
Military aspects: Battle of Stamford Bridge; Battle of Hastings; Anglo-Saxon and Norman tactics; military innovations, including cavalry and castles.			
Establishing and maintaining control: the Harrying of the North; revolts, 1067–1075; King William's leadership and government; William II and his inheritance.			
Feudalism and government: roles, rights, and responsibilities; landholding and lordship; land distribution; patronage; Anglo-Saxon and Norman government systems; the Anglo-Saxon and Norman aristocracies and societies; military service; justice and the legal system such as ordeals, 'murdrum'; inheritance; the Domesday Book.			
Economic and social changes and their consequences: Anglo-Saxon and Norman life, including towns, villages, buildings, work, food, roles and seasonal life; Forest law.			
The Church: the Anglo-Saxon Church before 1066; Archbishop Lanfranc and reform of the English Church, including the building of churches and cathedrals; Church organisation and courts; Church-state relations; William II and the Church; the wealth of the Church; relations with the Papacy; the Investiture Controversy.			
Monasticism: the Norman reforms, including the building of abbeys and monasteries; monastic life; learning; schools and education; Latin usage and the vernacular.			
Pevensey Castle: location, function, the structure, people connected with the site eg the designer, originator and occupants, design, how the design reflects the culture, values, fashions of the people at the time, how important events/developments from the depth study are connected to the site.			

RAG Rating:

Red—Not confident at all

Amber—Fairly confident but still some work to do

Green—Very confident



Revision Checklist: GCSE PE



Edexcel GCSE PE Topic	RAG		
	Red	Amber	Green
Paper 1			
The structure and functions of the musculo-skeletal system			
The structure and functions of the cardio-respiratory system			
Anaerobic and aerobic exercise			
The short- and long-term effects of exercise			
The relationship between health and fitness and the role that exercise plays in both			
The components of fitness, benefits for sport and how fitness is measured and improved			
The principles of training and their application to personal exercise/ training programmes			
The long-term effects of exercise			
How to optimise training and prevent injury			
Use of data			
Paper 2			
Physical, emotional and social health, fitness and wellbeing			
The consequences of a sedentary lifestyle			
Energy use, diet, nutrition and hydration			
Classification of skills (basic/ complex, open/ closed)			
The use of goal setting and SMART targets to improve and/or optimise performance			
Guidance and feedback on performance			
Engagement patterns of different social groups in physical activity and sport			
Commercialisation of physical activity and sport			
Ethical and sociocultural issues in physical activity and sport			

RAG Rating:

Red—Not confident at all

Amber—Fairly confident but still some work to do

Green—Very confident



Exam Stress

If you are worried about your child's mental health please contact school

Dealing with Exam Stress



The exam season can be a stressful time for all involved. The NHS advises parents to watch out for the following signs:

- Worry a lot
- Feel tense
- Get lots of headaches and stomach pains
- Not sleep well
- Be irritable
- Lose interest in food or eat more than normal
- Not enjoy activities they previously enjoyed
- Seem negative and low in their mood
- Seem hopeless about the future

You can do the following to help:

- Help them to study using the mentioned revision strategies
- Encourage them to talk to a member of school staff who they feel is supportive
- Make sure they eat a balanced diet and get plenty of exercise
- Try to ensure they get 8-10 hours of sleep each evening
- Talk about exam nerves
- Make time for rewards

Other useful websites:

<https://www.bbc.com/bitesize/support>

<https://www.nhs.uk/conditions/stress-anxiety-depression/coping-with-exam-stress/>

<https://www.mind.org.uk/information-support/your-stories/14-ways-to-beat-exam-stress/>

<https://www.childline.org.uk/info-advice/school-college-and-work/school-college/exam-stress/>





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