

St. Mary's
Grammar School, Magherafelt.



Year 14 Revision Guide

Winter 2026

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EXAMINATION TIMETABLE

YEAR 14	Friday 27 November	Monday 30 November	Tuesday 1 December	Wednesday 2 December	Thursday 3 December	Friday 4 December
Session 1 <i>Periods 1 & 2</i>	Maths A21 9.15-10.45 Study Centre Religion 9.15-10.35 Study Centre	English Literature 9.15-10.45 Study Centre Physical Education 9.15-10.45 Study Centre Technology 9.15-10.30 Study Centre	Chemistry 9.15-10.45 Study Centre	History 9.15-10.55 Study Centre Digital Technology 9.15-10.35 Study Centre	MRLP CLASSES Irish Paper 2 9.15-10.00 Study Centre Spanish Paper 2 9.15-10.00 Study Centre	Biology 9.15-10.45 Study Centre MIA 9.15-10.45 B3
Session 2 <i>Periods 3 & 4A</i>	MRLP CLASSES Life & Health Sciences 11.15-12.15 Study Centre	Physics A22 11.15-12.15 Study Centre BTEC Sport 11.15-12.30 Study Centre	MRLP CLASSES Irish Paper 1 11.15-12.00 Study Centre Spanish Paper 1 11.15-12.00 Study Centre	SSD 11.15-12.15 Study Centre	Economics 11.15-12.45 Study Centre	MRLP CLASSES Physics A23 11.15-12.15 J3
Session 3 <i>Periods 5 & 6</i>	Physics A21 2.00-3.00 Study Centre	Business Studies 2.00-3.30 Study Centre	Geography 2.00-3.30 Study Centre	Maths A22 2.00-2.45 Study Centre Theatre Studies 2.00-3.30 Study Centre	Art & Design 2.00-3.30 Art Room	NO EXAMS

EXAMINATION TIMETABLE (25% ET)

YEAR 14	Friday 27 November	Monday 30 November	Tuesday 1 December	Wednesday 2 December	Thursday 3 December	Friday 4 December
Session 1 Periods 1 & 2	Maths A21 9.15-11.08 Study Centre Religion 9.15-10.55 Study Centre	English Literature 9.15-11.08 Study Centre Physical Education 9.15-11.08 Study Centre Technology 9.15-10.49 Study Centre	Chemistry 9.15-11.08 Study Centre	History 9.15-11.20 Study Centre Digital Technology 9.15-10.49 Study Centre	MRLP CLASSES Irish Paper 2 9.15-10.11 Study Centre Spanish Paper 2 9.15-10.11 Study Centre	Biology 9.15-11.08 Study Centre MIA 9.15-11.08 B3
Session 2 Periods 3 & 4A	MRLP CLASSES Life & Health Sciences 11.15-12.30 Study Centre	Physics A22 11.15-12.30 Study Centre BTEC Sport 11.15-12.49 Study Centre	MRLP CLASSES Irish Paper 1 11.15-12.11 Study Centre Spanish Paper 1 11.15-12.11 Study Centre	SSD 11.15-12.30 Study Centre	Economics 11.15-1.08 Study Centre	MRLP CLASSES Physics A23 11.15-12.30 J3
Session 3 Periods 5 & 6	Physics A21 2.00-3.15 Study Centre	Business Studies 1.47-3.40 Study Centre	Geography 1.47-3.40 Study Centre	Maths A22 2.00-2.56 Study Centre Theatre Studies 1.47-3.40 Study Centre	Art & Design 1.47-3.40 Art Room	NO EXAMS

LITERACY FOCUS



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LITERACY FOCUS

2026–2027

Unpack the question to unlock the answer.



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<u>Analyse</u> Break down information and look at the different parts	<u>Estimate</u> Make an educated guess	<u>Apply</u> Use knowledge in a practical way
<u>Evaluate</u> Make a judgement based on evidence	<u>Argue</u> Give reasons for and against something	<u>Examine</u> Investigate closely and in detail
<u>Assess</u> Make an informed judgement	<u>Explain</u> Give reasons why or how	<u>Calculate</u> Work out the answer
<u>Explore</u> Investigate without jumping to conclusions	<u>Comment</u> Give an informed opinion	<u>Give</u> Provide an answer from memory
<u>Compare</u> Point out similarities	<u>Identify</u> Name, label or recognise	<u>Complete</u> Finish a task by adding information
<u>Illustrate</u> Give examples to explain	<u>Consider</u> Think carefully about	<u>Interpret</u> Explain the meaning of
<u>Contrast</u> Point out differences	<u>Justify</u> Give evidence to support reasons	<u>Criticise</u> Point out the good and the bad compared to what was expected
<u>Outline</u> Summarise the main points	<u>Debate</u> Discuss different views	<u>Prove</u> Use evidence to show something is right
<u>Deduce</u> Reach a conclusion from information provided	<u>Relate</u> Show connections between things	<u>Define</u> State the meaning of
<u>Review</u> Survey and summarise	<u>Describe</u> Say what something is like using details and examples	<u>State</u> Express clearly

ART & DESIGN

PORTFOLIO PAGES	
1	Title Page with Statement of Intent (300wds)
2	Contextual Research
3	Contextual Research
4	Photos
5	Observation 1
6	Observation 2
7	Observation 3
8	Observation 4
9	Observation 5

EXPERIMENTAL WORKBOOK	
1	Written & Visual Idea Maps
2	Brief/Statement
3	Contextual research 1 (Info and transcription) Line & Shape
4	Contextual Interpretation 1 Photos & Media studies
5	Contextual research 2 (Info and transcription) Tone & Form
6	Contextual Interpretation 2
7	Contextual research 3 (Info and transcription) Colour
8	Contextual Interpretation 3
9	Contextual research 4 research (Info and transcription) Pattern
10	Contextual Interpretation 4
11	Contextual research 5 research (Info and transcription) Texture
12	Contextual Interpretation 5

BIOLOGY

Week Beginning	Topic(s) to Revise
Monday 2 November 2026	• Co-ordination in animals • Nervous system, Eye, Muscle
Monday 9 November 2026	• Kidney /Homeostasis • Co-ordination in Plants Photoperiodism
Monday 16 November 2026	• Immunity
Monday 23 November 2026	• Ecology
Friday 27 November 2026	Mock Examinations Commence

BUSINESS STUDIES

Week Beginning	Topic(s) to Revise
Monday 2 November 2026	• Business Objectives • Communication
Monday 9 November 2026	• Business Strategy and Planning • Risk and Uncertainty • Sources of Finance
Monday 16 November 2026	• Economies and Diseconomies of Scale • Decision Trees • Investment Appraisal
Monday 23 November 2026	• Final Accounts • Ratio Analysis • Contingency Planning
Friday 27 November 2026	Mock Examinations Commence

CHEMISTRY

Week Beginning	Topic(s) to Revise
Monday 2 November 2026	• Isomerism • Aldehydes and Ketones • Enthalpy, Entropy and Free Energy
Monday 9 November 2026	• Equilibrium, K_c • Carboxylic Acids • Acid-base Equilibrium, K_a
Monday 16 November 2026	• Carboxylic Acid Derivatives • Rates of Reactions/Kinetics
Monday 23 November 2026	• Lattice Energy • Aromatic Chemistry
Friday 27 November 2026	Mock Examinations Commence

DIGITAL TECHNOLOGY

Week Beginning	Topic(s) to Revise
Monday 2 November 2026	• Databases ○ Key terms – attribute, entity, primary key, foreign key, relationships, data duplication, data inconsistency ○ Logical data models and physical data models ○ ER model ○ Normalisation ○ Components of a data dictionary
Monday 9 November 2026	• Databases ○ SQL ○ Evaluate QBE as an alternative to SQL • Networks ○ LAN, WAN and WAN
Monday 16 November 2026	• Networks ○ Network resources – network card, server, repeater, switched hub, media converter ○ IP addresses and MAC addresses ○ Topologies ○ Communication protocols ○ OSI model layers
Monday 23 November 2026	• Networks ○ Bluetooth and Wi-Fi ○ Transmission Media ○ Error Detection & Correction Methods

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	• Artificial Intelligence ○ Explain term 'Artificial Intelligence' ○ The significance of the Turing test ○ Main features of neural network modelling <i>Continue to revise all the above topics in detail</i> <i>Study/Complete Past Paper Questions</i>
Friday 27 November 2026	Mock Examinations Commence

ECONOMICS

Week Beginning	Topic(s) to Revise
Monday 2 November 2026	• Short Run versus Long run to include all graphs and calculations. • Business Objectives including being able to diagrammatically illustrate.
Monday 9 November 2026	• Measuring Markets • Perfect Competition • Contestable Markets
Monday 16 November 2026	• Monopoly • Oligopoly • Monopolistic Markets
Monday 23 November 2026	• Business Growth • Competition Policy
Friday 27 November 2026	Mock Examinations Commence

ENGLISH LITERATURE

Exam Requirements: You must answer **1 question** – one on *A Winter's Tale*

Time: 1 hours 30 minutes

Week Beginning	Topic(s) to Revise
Monday 2 November 2026	The Winter's Tale: ✓ Context: CCEA eGuides (social, cultural, historical, political, literary) ✓ The Last Plays Context: Shared Characteristics of 'The Last Plays': <i>Cymbeline</i>, <i>The Tempest</i> and <i>Pericles</i>. (Revise Research Portfolio on each..)
Monday 9 November 2026	The Winter's Tale: Character Maps/notes: with short quotations for each: ✓ Leontes, ✓ Hermione, ✓ Polixenes, ✓ Paulina, ✓ Perdita. ✓ Florizel, ✓ Autolycus
Monday 16 November 2026	The Winter's Tale: Genres of Drama and characteristics e.g. ✓ Tragedy, ✓ Comedy, ✓ Tragi-comedy, ✓ Pastoral, ✓ Romance, ✓ Aristotle and the characteristics of a tragic hero/tyrant; ✓ Dramatic methods and structure: characterisation, language, imagery, staging (eGuide)

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Monday 23 November 2026	The Winter's Tale: Themes: ✓ Time, ✓ Nature and Art, ✓ Forgiveness and Reconciliation, ✓ Younger generation, ✓ Disguise, ✓ Regeneration. (eGuide) ✓ Revise all quotes and sample essays/mark-schemes
Friday 27 November 2026	Mock Examinations Commence

GEOGRAPHY

Week Beginning	Topic(s) to Revise
Monday 2 November 2026	Plate tectonics: margins and landforms ✓ demonstrate knowledge and understanding of the evidence for and the theory of plate tectonics; ✓ demonstrate knowledge and understanding of plate and sub-plate processes at constructive, conservative, destructive and collision plate margins; ✓ demonstrate knowledge and understanding of resultant landforms – ocean ridges, rift valleys, deep sea trenches, island arcs and fold mountains. Coastal Processes and Features ✓ demonstrate knowledge and understanding of coastal processes – wave action, refraction, erosion, transport, swash and drift-aligned coasts; ✓ demonstrate knowledge and understanding of the formation of landforms at: – high-energy coasts: headlands, cliffs, arches, stacks and stumps; and – low-energy coasts: beaches and dunes, spits, tombolos and bars;
Monday 9 November 2026	Volcanic activity and its management ✓ demonstrate knowledge and understanding of volcanic activity at constructive and destructive plate margins and at hot spots;

	✓ demonstrate knowledge and understanding of the socio-economic and environmental hazards and benefits of volcanic activity; ✓ evaluate how a country prepares for and responds to volcanic activity; e.g. Eyjafjallajökull (2010) Regional Coastlines ✓ demonstrate knowledge and understanding of the processes (eustatic and isostatic) and features (fjords, rias, raised beaches and relict landforms) associated with coastlines of submergence and emergence; ✓ demonstrate knowledge and understanding of the threat of rising sea levels due to climate change on the human and physical environment. ✓ Be able to use the case study for Kiribati to explain how the physical and human environment of this coastline is under threat from sea level rise due to climate change.
Monday 16 November 2026	Seismic activity and its management ✓ demonstrate knowledge and understanding of the nature of seismic events and their impact – p, s and l waves, seismic shaking, liquefaction and tsunamis; ✓ demonstrate knowledge and understanding of the attempts to predict seismic events – seismic gap theory and dilation; ✓ Evaluate how a country prepares and responds to seismic activity - Case study – Japan (Tohoku) 2011

	Coastal Management and sustainability ✓ demonstrate knowledge and understanding of the role of Environmental Impact Assessment (EIA), Cost-Benefit Analysis (CBA), Sediment Cells and Shoreline Management Plans (SMP) in coastal management; ✓ evaluate the impact and sustainability of hard engineering (sea walls, revetments, rip-rap, gabions and groynes) and soft engineering (beach nourishment, dune regeneration and managed retreat) strategies on the human and physical environment. ✓ Know a regional scale case study of coastal management employing both hard and soft engineering strategies – North Norfolk
Monday 23 November 2026	• Review all parts of the Dynamic Earth Topic. • Review all parts of the Coastal Management Topic.
Friday 27 November 2026	Mock Examinations Commence

HISTORY

Week Beginning	Topic(s) to Revise
Monday 2 November 2026	Home Rule 1912-14 • the significance for Irish politics of Liberal victory in the general election of 1906, following ten years of Conservative rule; • the significance for Irish politics of the general election results of January and December 1910; • the extent to which the Liberal government under Asquith and the Irish Parliamentary Party under Redmond achieved their aims by September 1914, focusing on the Home Rule Act; • the motives for Ulster unionist, Southern unionist and Conservative party opposition to Home Rule, led primarily by Carson, Craig and Law;
Monday 9 November 2026	Home Rule contd • the methods they used and the extent to which each party opposing Home Rule achieved its aims by September 1914; and • the main developments in the period 1910–14, analysing the extent to which the Liberal

	government and other political parties can be blamed for what became the Home Rule crisis.
Monday 16 November 2026	The causes of the Easter Rising • Political Impact of the First World War • Redmond's Woodenbridge speech in September 1914 • The split of the Volunteers into National and Irish Volunteers • Formation of coalition government in 1915 with Conservative and unionist participation • Voluntary enlisting by sections of nationalist and unionist communities and the attitude of the War Office towards UVF and National Volunteers • Causes of the Easter Rising • 'New nationalism' • Infiltration of Irish Volunteers 1913–14 by revived Irish Republican Brotherhood and radical nationalists • Impact of Carsonism • Impact of the Great War • Impact of British government policies and actions 1912–16
Monday 23 November 2026	• The planning of the Rising by the IRB Military Council • The roles of Clarke and McDermott

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	• The 'revolution of the intellectuals' – roles of Pearse, MacDonagh, Plunkett • The importance of religion and the ideology of blood sacrifice • Connolly, socialism and the Irish Citizen Army
Friday 27 November 2026	Mock Examinations Commence

IRISH

Week Beginning	Topic(s) to Revise
Monday 2 November 2026	Oral Topic – Mé Féin & An Teaghlach Gramadach – Briathra & Aimsirí Comhthéacs 3 – Dul siar Stór focal ón leabhair Éisteachta & Aistriúcháin Lá Fhéile Míchíl Lch 1- 8
Monday 9 November 2026	Oral Topic – Oideachas & Saol na hOibre Gramadach – Ainmfhocal & Inscne Comhthéacs 3 – Dul siar Stór focal ón leabhair Éisteachta & Aistriúcháin Lá Fhéile Míchíl Lch 8 - 15
Monday 16 November 2026	Oral Topic- Post Páirt-Aimseartha Gramadach – Ginideach Comhthéacs 3 – Dul siar Stór focal ón leabhair Éisteachta & Aistriúcháin Lá Fhéile Míchíl Lch 16 – 24
Monday 23 November 2026	Oral Topic – Caitheamh Aimsire Gramadach – Réamhfhocail Comhthéacs 3 – Dul siar Stór focal ón leabhair Éisteachta & Aistriúcháin Lá Fhéile Míchíl Lch 24 - 30
Friday 27 November 2026	Mock Examinations Commence

LIFE AND HEALTH SCIENCE

Week Beginning	Topic(s) to Revise
Monday 2 November 2026	DNA 11.1.1 recall that DNA is an information-carrying molecule and that its sequence of bases determines the structure of proteins, including enzymes; 11.1.2 describe the double helix structure of DNA, which enables it to act as a stable information-carrying molecule, in terms of: • the components of DNA nucleotides - deoxyribose, phosphate and the bases adenine, cytosine, guanine and thymine; • two sugar-phosphate backbones held together by hydrogen bonds between base pairs; and • specific base pairing; 11.1.3 provide evidence for the structure of DNA via: • chemical analysis; • Chargaff's work on base equivalence; and • Franklin and Wilkins' work on X-ray crystallography; Nomenclature and Isomerism Students should be able to: 8.1.1 demonstrate an understanding that a hydrocarbon is composed of carbon and hydrogen only; 8.1.2 demonstrate an understanding of the terms empirical and molecular formula and the relationship between them; 8.1.3 represent organic molecules according to structural, skeletal, molecular and general formulae; 8.1.4 calculate empirical and molecular formulae using data, giving composition by mass; 8.1.5 demonstrate an understanding of the terms structural formulae, homologous series and functional groups;
Monday 9 November 2026	RNA and protein synthesis 11.1.4 describe and explain the structure of ribonucleic acid (RNA), including ribosomal, transfer and messenger RNA; 11.1.5 describe genes and polypeptides; and

	11.1.6 explain how a gene occupies a fixed position, called a locus, on a particular strand of DNA. 11.1.7 recall that genes are sections of DNA that contain coded information as a specific sequence of bases; 11.1.8 recall that genes code for polypeptides which determine the nature and development of organisms; 11.1.9 demonstrate an understanding of how the base sequence of a gene can change as a result of a mutation, producing one or more alleles of the same gene; 11.1.10 recall that a sequence of three bases, called a triplet, codes for a specific amino acid; 11.1.11 demonstrate an understanding that the base sequence of a gene determines the amino acid sequence in a polypeptide Nomenclature and Isomerism 8.1.6 apply International Union of Pure and Applied Chemistry (IUPAC) rules to naming organic compounds with up to six carbon atoms; 8.1.7 classify reactions for molecules up to six carbon atoms long as addition, elimination, substitution, oxidation, reduction, hydrolysis or polymerisation; and 8.1.8 describe and explain structural isomerism for aliphatic compounds containing up to six carbon atoms. 8.1.9 determine the possible structure and skeletal formulae of an organic molecule given its molecular formula; 8.1.10 demonstrate an understanding of how stereoisomers (geometrical isomers) exist for alkenes in cis and trans (E–Z) forms due to the energy barrier to rotation in these compounds (where two of the substituent groups are the same);
Monday 16 November 2026	DNA replication 11.2.1 describe a mechanism for the exact copying or replication of DNA; 11.2.2 explain briefly the three theories of replication of DNA that existed: • fragmentation; • conservative; and • semi-conservative; 11.2.3 explain in detail the semi-conservative hypothesis derived by Meselson and Stahl in 1958, including: • the unwinding of the double helix; • the breakage of hydrogen bonds between complementary bases in the polynucleotide strands;

	• the role of DNA helicase in unwinding DNA and breaking its hydrogen bonds; • the attraction of new DNA nucleotides to exposed bases on template strands and base pairing; • the role of DNA polymerase in the condensation reaction that joins adjacent nucleotides; and • comparison with the dispersive and conservative model; Alkanes 8.2.1 write the general formulae for alkanes as C_nH_{2n+2} ; 8.2.2 demonstrate an understanding and explain that alkanes and cycloalkanes are saturated compounds; 8.2.3 recall the structural and molecular formulae for alkanes with up to six carbon atoms; 8.2.4 demonstrate an understanding that alkane fuels are obtained from the fractional distillation, cracking and reforming of crude oil; 8.2.5 apply IUPAC rules to naming alkanes with up to six carbon atoms;
Monday 23 November 2026	Meiosis 11.3.1 demonstrate an understanding of the importance of meiosis in producing cells that are genetically different, including: • the formation of haploid cells; • independent segregation of homologous chromosomes; • that gametes are genetically different as a result of different combinations of maternal and paternal chromosomes; and • genetic recombination by crossing over. Alkanes 8.2.6 describe the following reactions using balanced symbol equations: • the combustion of alkanes in both limited and plentiful supplies of air; and • the substitution reaction between methane and halogens; 8.2.7 state that pollutants including carbon monoxide, oxides of nitrogen and sulfur, carbon particulates and

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	unburned hydrocarbons are formed during the combustion of alkane fuels; and 8.2.8 discuss the environmental problems associated with spillage and combustion of hydrocarbons 8.2.9 demonstrate an understanding of how using a catalytic converter solves some problems caused by vehicle emissions by allowing the conversion of carbon monoxide to carbon dioxide and water, and of NO_x to nitrogen; 8.2.10 demonstrate an understanding of the use of alternative fuels, including alcohol and biodiesel derived from renewable sources such as plants, comparing these with non-renewable fossil fuels;
Friday 27 November 2026	Mock Examinations Commence

MATHEMATICS

Week Beginning	Topic(s) to Revise for A21 Pure Mathematics mock	Topic(s) to Revise for A21 Pure Mathematics mock
Monday 2 November 2026	Fractions and Partial Fractions	Moments
Monday 9 November 2026	Trigonometry I	Moments
Monday 16 November 2026	Sequences and Series	Probability
Monday 23 November 2026	Trigonometry II	Momentum and Impulse
Friday 27 November 2026	Mock Examinations Commence	

MOVING IMAGE ARTS

Week Beginning	Topic(s) to Revise
Monday 2 November 2026	Italian Neo Realism
Monday 9 November 2026	French New Wave/Cinema Verite
Monday 16 November 2026	Poetic Realism
Monday 23 November 2026	Analysis Practice
Friday 27 November 2026	Mock Examinations Commence

PHYSICAL EDUCATION

Week Beginning	Topic(s) to Revise
Monday 2 November 2026	Booklet 1 - Blood vessels of systemic and pulmonary circulation Stroke volume, cardiac output and heart rate and how they respond to exercise Cardiac cycle Sports Psychology Leadership – the characteristics of autocratic and democratic leaders. Different theories of leadership to include Fiedler’s contingency model and Chelladurai’s model.
Monday 9 November 2026	Cardiac conduction system Cardiac control centre – neural/hormonal and intrinsic control Venus return mechanisms- starlings law Vasomotor control centre –vascular shunt mechanism Skill Acquisition Information Processing Understand the information processing models including: • Welford’s and Whiting’s models. Sensory input, perception, decision making, memory, output and feedback.. How these models can aid a coach in improving performance
Monday 16 November 2026	Booklet 2 - Oxygen and co2 transport Mechanics of respiration at rest Gaseous exchange

	Partial pressure Skill Acquisition Information Processing Understand the memory processes including: • Short-term memory store, short-term memory • Long-term memory • Selective attention • The relationship between short-term and long-term memory • Strategies for improving memory such as chunking, imagery, association, organisation and rehearsal
Monday 23 November 2026	Mechanics of respiration during exercise Ventilatory response to exercise Respiratory control centre-neural control Steady state and vo_2 max Long-term adaptations to training Skill Acquisition Information Processing Understand the factors that affect response time including: • Reaction time, movement time, response time Psychological refractory period Skill Acquisition Information Processing Understand the factors that affect response time including:

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	• Simple/choice reaction time (Hick's Law), previous experience, anticipation and how response time may be improved. Feedback • Types of feedback • Characteristics of effective feedback • The functions/benefits of feedback
Friday 27 November 2026	Mock Examinations Commence

BTEC SPORT

Week Beginning	Topic(s) to Revise
Monday 2 November 2026	Booklet 1: Skeletal System: A1 Structure of skeletal system A2 Function of skeletal system A3 Joints A4 Responses of the skeletal system to a single sport or exercise session A5 Adaptations of the skeletal system to exercise A6 Additional factors affecting the skeletal system
Monday 9 November 2026	Booklet 2: Muscular System B1 Characteristics and functions of different types of muscles B2 Major skeletal muscles of the muscular system B3 Antagonistic muscle pair B4 Types of skeletal muscle contraction B5 Fibre types B6 Responses of the muscular system to a single sport or exercise session B7 Adaptations of the muscular system to exercise B8 Additional factors affecting the muscular system
Monday 16 November 2026	Booklet 3: Respiratory System C1 Structure of the respiratory system C2 Function of the respiratory system C3 Lung volumes – e.g. vital capacity, residual volume, tidal volume etc C4 Control of breathing – neural and chemical C5 Responses of the respiratory system to a single sport or exercise session C6 Adaptations of the respiratory system to exercise C7 Additional factors affecting the respiratory system

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Monday 23 November 2026	Booklet 4: Cardiovascular System D1 Structure of the cardiovascular system D2 Function of the cardiovascular system D3 Nervous control of the cardiac cycle D4 Responses of the cardiovascular system to a single sport or exercise session D5 Adaptations of the cardiovascular system to exercise D6 Additional factors affecting the cardiovascular system
Friday 27 November 2026	Mock Examinations Commence

PHYSICS

Week Beginning	Topic(s) to Revise
Monday 2 November 2026	A21 4.3.1 – 4.3.3 Uniform Circular Motion A22 5.1.1 – 5.2.8 Gravitational fields
Monday 9 November 2026	A21 4.4.1 – 4.4.8 Simple harmonic motion A22 5.3.1 – 5.3.7 Electric fields
Monday 16 November 2026	A21 4.2.1 – 4.2.9 Thermal Physics A22 5.4.1 – 5.4.11 Capacitors
Monday 23 November 2026	A21 Consolidation using PPQ A22 Magnetic Fields
Friday 27 November 2026	Mock Examinations Commence

PRODUCT DESIGN

Week Beginning	Topic(s) to revise
Monday 2 November 2026	Environmental Issues: • Environmental impact at different stages of product lifecycle • Climate change and greenhouse gases • Reducing environmental impact by design • The 6 Rs • Waste management, product disposal, pollution control • National and EU government influence • Ethnic and cultural influences on design and manufacture of products
Monday 9 November 2026	Environmental Issues Cont.: • Sustainability (embodied energy, responsible sourcing, recycled content) when selecting materials • Sustainable use of metals • Issues regarding sustainability in the manufacture of plastics • Properties and characteristics of biodegradable and photodegradable plastics • Need for innovative designs for improved performance and sustainable use of resources
	Product Lifecycle: • Explain 5 different stages

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Monday 16 November 2026	• Lifecycle for fad, basic and fashion products Product redesign Practice Design Task
Monday 23 November 2026	Mind to Market • PPPP Designers • James Dyson Practice Design Task
Friday 27 November 2026	Mock Examinations Commence

RELIGION

Week Beginning	Topic(s) to revise for Global Ethics (Mrs Cush)	Topic(s) to revise for Synoptic Gospels (Mrs Scullion)
Monday 2 November 2026	MORAL THEORY: Virtue Ethics • The origins of virtue ethics in the work of Aristotle • The development of virtue ethics with reference to Anscombe, Foot, MacIntyre and Hauerwas • Examples of application	Biblical Criticism • The synoptic problem • Source Criticism (sources used) • Relationship between the first 3 gospels
Monday 9 November 2026	MORAL THEORY: Ethical Relativism • The concept of ethical relativism (Nietzsche's contribution) • Individual and Cultural relativism • The challenges presented by relativistic approaches in ethics for the Christian and their response.	Biblical Criticism • Priority of MARK • Proto Luke • Narrative criticism • Contribution of scholarship to developing an understanding of the gospel of Luke and other gospel writers
Monday 16 November 2026	MORAL THEORY: Free Will • The development of Christian thought on free will • Christian views on Free Will • The nature of free will, compatibilist and incompatibilist views • Secular views on Free Will • Existentialism	THE PERSON OF JESUS The main Christological titles used to describe Jesus in the synoptic gospels: • Son of Man and Son of God • The background to these titles and how each evangelist presents them

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Monday 23 November 2026	MORAL THEORY: Determinism • An overview of determinism • The principle of causality • hard determinism and soft determinism • Internal and external causation • The influences of psychology, environment and genetics on moral choices • The implications for moral responsibility and the Christian response	Critically evaluate the ethics of Jesus including • Compassion, enemies and sinners (Matthew 5:38-48 Luke 6:27-36, 7:36-50, 19:1-10) • Command to Love (Matthew 22:34-40, Mark 12:28-34, Luke 10:25-28)

SOFTWARE SYSTEMS DEVELOPMENT

Week Beginning	Topic(s) to Revise
Monday 2 November 2026	Reasons for Systems Development • analyse the reasons for project initiation and systems development within organisations; • examine and apply analysis and design principles to business solutions; • justify the roles inherent in the systems development process, particularly the role of the user; Project Management • discuss the purpose of project management; • examine and apply project management concepts; • examine the roles and responsibilities of those working in project management; • explain the resources involved in developing a project; • apply project planning techniques including the use of Gantt, Pert, Milestones, Float and Critical Path;
	Systems Methodologies

Monday 9 November 2026	• explain the purpose of applying a methodology to the solution of systems problems; • discuss how methodologies have evolved in line with changing technologies and discuss the roles of participants in their application; • Traditional - Waterfall • Iterative – RAD • Agile-DSDM/SCRUM/XP
Monday 16 November 2026	Systems Methodologies • examine the application of methodologies in specific situations; • explain stages, rules, tools and techniques associated with methodologies; and • examine the role of prototyping in the development process. • explain the basic concepts of UML and apply some simple modelling techniques
Monday 23 November 2026	Normalisation • analyse and apply normalisation including: • first normal form; • second normal form; and • third normal form;
Friday 27 November 2026	Mock Examinations Commence

SPANISH

Week Beginning	Topic(s) to Revise
Monday 2 November 2026	• Unit 1: Young People and Society - Part-time jobs • Unit 2: Young People and Society – Education and employment • Grammar – Nouns, articles and adjectives • Literature – LCDBA - Bernarda
Monday 9 November 2026	• Unit 3: Young People and Society – Career planning (aspirations and intentions) • Unit 4: Young People and Society – Young people and democracy • Grammar – The Present, Preterite and Imperfect Tenses • Literature – LCDBA - Adela
Monday 16 November 2026	• Unit 5: Young People and Society – European citizenship (advantages, disadvantages and opportunities) • Unit 6: Young People and Society – Societal attitudes and young people • Grammar – Pronouns (including direct, indirect, indefinite, demonstrative and possessive) and modal auxiliaries • Literature –LCDBA - La Sociedad
Monday 23 November 2026	• Grammar – The Future, Conditional and Perfect Tenses, Back to Front verbs, Negation, Prepositions and the Subjunctive • Literature – LCDBA - La situación de la mujer
Friday 27 November 2026	Mock Examinations Commence

THEATRE STUDIES

Learners will be expected to approach the text as theatre **performers**, **directors** and **designers**.

Learners should consider:

- interpretation of character (e.g. through motivation and interaction)
- rehearsal techniques
- vocal and physical performing skills including interaction
- different types of stage (proscenium arch, theatre in the round, traverse and thrust)
 - character positioning and movement/proxemics
- design elements including: sound, lighting, set and props. Costume, hair and make-up.
- how live theatre, seen as part of the course, influences their decision making and understanding of how drama and theatre is developed and performed.

Note: staging combines the role of director and designer. It generally includes: performance style, use of performance space and spatial relationships on stage, design of set, costume, make-up, lighting, sound and props.

Week Beginning	Topic(s) to Revise
Monday 2 November 2026	• The Curious Incident- actor based questions • Live Theatre analysis linked to these questions • Extract approach • interpretation of character (e.g. through motivation and interaction) • rehearsal techniques • vocal and physical performing skills including interaction

	• different types of stage (proscenium arch, theatre in the round, traverse and thrust) • character positioning and movement/proxemics • design elements including: sound/lighting/set and props • costume/ hair/make-up • how live theatre, seen as part of the course, influences their decision making and understanding of how drama and theatre is developed and performed. • Note: staging combines the role of director and designer. It generally includes: performance style, use of performance space and spatial relationships on stage, design of set, costume, make-up, lighting, sound and props.
Monday 9 November 2026	• The Curious Incident- design based questions • Live Theatre analysis linked to these questions • Extract approach • interpretation of character (e.g. through motivation and interaction) • rehearsal techniques • vocal and physical performing skills including interaction

	• different types of stage (proscenium arch, theatre in the round, traverse and thrust) • character positioning and movement/proxemics • design elements including: sound/lighting/set and props • costume/ hair/make-up • how live theatre, seen as part of the course, influences their decision making and understanding of how drama and theatre is developed and performed. Note: staging combines the role of director and designer. It generally includes: performance style, use of performance space and spatial relationships on stage, design of set, costume, make-up, lighting, sound and props.
Monday 16 November 2026	• The Curious Incident- director based questions • Live Theatre analysis linked to these questions • Extract approach • interpretation of character (e.g. through motivation and interaction) • rehearsal techniques

	• vocal and physical performing skills including interaction • different types of stage (proscenium arch, theatre in the round, traverse and thrust) • character positioning and movement/proxemics • design elements including: sound/lighting/set and props • costume/ hair/make-up • how live theatre, seen as part of the course, influences their decision making and understanding of how drama and theatre is developed and performed. Note: staging combines the role of director and designer. It generally includes: performance style, use of performance space and spatial relationships on stage, design of set, costume, make-up, lighting, sound and props. •
Monday 23 November 2026	• The Curious Incident whole play, actor, director and designer questions. • Live Theatre analysis linked to these questions • Extract approach

	• interpretation of character (e.g. through motivation and interaction) • rehearsal techniques • vocal and physical performing skills including interaction • different types of stage (proscenium arch, theatre in the round, traverse and thrust) • character positioning and movement/proxemics • design elements including: sound/lighting/set and props • costume/ hair/make-up • how live theatre, seen as part of the course, influences their decision making and understanding of how drama and theatre is developed and performed. Note: staging combines the role of director and designer. It generally includes: performance style, use of performance space and spatial relationships on stage, design of set, costume, make-up, lighting, sound and props.
Friday 27 November 2026	Mock Examinations Commence