



HARTFORD
CHURCH OF ENGLAND
HIGH SCHOOL

Year 11 Autumn Assessments Revision Lists

Ready, Revise, Together

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Autumn Assessments

The Autumn assessments will take place from Tuesday 6th October to Friday 16 October 2026.

These assessments are a valuable tool for both teachers and students. They have been carefully designed to evaluate your understanding of the curriculum content covered so far and to consolidate your knowledge. The assessments also identify areas of strength and highlight areas that may require additional focus. The results are used to inform the Autumn CRU Grade.

In addition to the Ready, Revise, Together booklet shared in the scene setting packs, these revision lists are designed to help parents, carers, and students plan and prepare for the upcoming assessments. Ready, Revise, Together is about building strong revision habits and helping you feel confident and prepared for your assessments. Instead of leaving revision until the last minute, use your revision lists regularly to guide your independent study at home. In lessons, you will be taught a range of effective revision strategies that you can use independently. Take responsibility for your learning, revise little and often, and use your revision list to identify what you know, what you need to practise and what you need to revisit. Please note that the topic lists provided are not exhaustive; tests will assess both recent classwork and prior learning from previous years.

Information about assessment dates can be found on each subject page. Some subjects will not have a formal Autumn assessment and will instead be graded through ongoing assessments. These subjects are:

- Art
- Drama
- Food Technology
- PE BTEC Sport
- Engineering Design
- Enterprise and Marketing
- Health and Social Care BTEC
- IT
- Music

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Assistant Head Teacher

Core Subjects

English Language

Test Dates	Monday 6 October - AM
Topic List	English Language Paper 2 Question 1: Identify the 4 true statements (4 marks) Question 2: Summary of inferences between the 2 sources (8 marks) Question 3: Language analysis (12 marks) Question 4: Compare the writers' viewpoints (16 marks) Question 5: viewpoint writing – write an article/letter/speech. Use Drop, Anecdote, Research, Counter argument and Rhetorical Challenge (40 marks)

English Literature

Test Dates	Wednesday 8 October - PM
Topic List	Macbeth – you should revise the following themes and characters: • Ambition • Power • Violence • The Supernatural • Loyalty • Guilt • Macbeth • Lady Macbeth • The Witches • Banquo • Macduff, Malcolm and Donalbain Unseen Poetry – you should revise the following techniques: • Stanza • Enjambment • Caesura • Rhyme • Rhyming couplets • Semantic field • Hyperbole • Metaphor • Simile • Personification • Symbolism • Alliteration • Volta

Mathematics - Foundation

Test Dates	Tuesday 7 October – AM and Thursday 9 October - PM
Topic List	<u>Paper 1 – Non-Calculator</u> Angles Comparing fractions and decimals Four rules with decimals Four rules with fractions Listing combinations Metric conversions Naming 2D and 3D shapes Order of operations BIDMAS Percentages Perimeter Plans and elevations Powers and roots Ratio Solving equations Scatter graphs Recipes Volume of prisms <u>Paper 2 - Calculator</u> Area of 2D shapes Averages and range Coordinates in 4 quadrants Expanding and factorising Fractions of amounts Linear sequences Lowest Common Multiple and Highest Common Factor problems Measuring lengths and angles Ordering decimals Percentages inc reverse and compound Probability inc Sample Space and Tree Diagrams Rounding Simplifying expressions Solving equations Symmetry Types of number eg square, prime etc

Mathematics - Higher

Test Dates	Tuesday 7 October – AM and Thursday 9 October - PM
Topic List	<u>Paper 1 – Non-Calculator</u> Estimation Circle Geometry Drawing Graphs Four rules with fractions Inequalities Laws of Indices Metric conversions Product of primes Rearranging Equations Probability Scatter graphs Sector Areas and Arc Lengths Simple and Compound Interest SUVAT Equations Direct and Inverse Proportion Volume of prisms Recurring Decimals <u>Paper 2 - Calculator</u> Area of 2D shapes Completing the Square and Solving Expanding and Factorising Forming and Solving Equations Graphs of Complex Functions Laws of Indices Lowest Common Multiple and Highest Common Factor problems Probability Product Rule for Combinations Similarity with Area and Volume Simple and Compound Interest Volume and Surface Area

Religious Studies

Test Dates	Wednesday 8 October - AM
Topic List	Religious Studies Paper 1 The paper will last 1 hour 45 minutes. <u>Christianity: Beliefs and Teachings</u> - Sin/Original Sin - Creation Narratives (Genesis) - The Nature of God - The Afterlife - The Ascension <u>Christianity: Practices</u> - The Role of the Worldwide Church - Holy Communion/Eucharist - Baptism - Pilgrimage (Lourdes) - Mission and Evangelism <u>Islam: Beliefs and Teachings:</u> - God's justice (Adalat) - The Qur'an and Other Sources of Authority - Prophethood - The Six Articles of Faith - Angels <u>Islam: Practices:</u> - The Five Pillars - Hajj - Id ul-Adha - Zakah - The Night of Power Religious Studies Paper 2 The paper will last 30 minutes. <u>Theme A: Relationships and Families:</u> - Contraception and Family Planning - Sexual Relationships Before and Outside Marriage - Cohabitation - Human Sexuality - Marriage

Combined Science

Test Dates	Monday 6 October – PM (Physics), Tuesday 7 October – PM (Chemistry), Thursday 9 October – AM (Biology)
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Topic List	Biology Topic 1 – Key Concepts in Biology – Eukaryotic and prokaryotic cells – Foundation and Higher – Light Microscopes and preparing slides – Foundation – Electron microscopes - Foundation – Osmosis and Osmosis core practical - Foundation – Diffusion and active transport - Foundation and Higher Topic 2 – Cells and Control – Mitosis and cell division - Foundation – Stem cells - Higher – Nervous system - Higher Topic 3 – Genetics – DNA and the genome, mutation - Foundation and Higher – Genes and alleles - Foundation and Higher – Genetic crosses/Punnett squares - Foundation and Higher Topic 4 – Natural Selection and Genetic Modification – Human evolution and evidence- Foundation – Antibiotic resistance - Higher – Selective breeding - Foundation – Genetic engineering - Higher Topic 5 – Health, Disease and the Development of Medicines – BMI - Higher – Pathogens - Foundation and Higher – physical and chemical defences - Foundation – specific immune system - Foundation and Higher – transmission of diseases - Foundation and Higher
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Chemistry

Topic 2 – Methods of Separating & Purifying Substances
distillation and chromatography - **Foundation**

Topic 5-7 – Bonding (Ionic, Covalent & Types of Substances
and metallic substances) - **(foundation and higher)**

Topic 8 – Acids & Alkalis

- Properties and reactions **(foundation and higher)**
- Preparing salts **(foundation)**

Topic 9 – Calculations Involving Masses **(higher)**

Topic 10-12 – Electrolytic Processes, Obtaining Metals &
Reversible Reactions

- Electrolysis **(foundation and higher)**
- Reactivity series – **foundation**
- Extraction of metals **(foundation and higher)**
- Reversible reactions **(foundation and higher)**

Topic 15 – Groups in the Periodic Table **(foundation and
higher)**

Physics

Topic 1 – **Key Concepts of Physics**

- Velocity / Time Graphs - **Foundation**

Topic 2 – **Motion and Forces**

- Acceleration – **Foundation**
- Calculating Average Speed – **Foundation**
- **Circular Motion – Higher**
- CORE Practical – Mass v Acceleration of an Object -
Higher
- **Stopping Distance - Higher & Foundation**

Topic 3 – **Conservation of Energy**

- Gravitational Potential Energy - **Higher &
Foundation**
- Energy Transfers & Sankey Diagrams – **Higher &
Foundation**
- **Kinetic energy - Higher & Foundation**

Topic 4 – **Waves**

- Types of Waves - **Higher & Foundation**
- Wave Speed, Wavelength & Frequency Calculations -
Higher & Foundation

Topic 5 – **Light and the Electromagnetic Spectrum**

- Visible Light – **Foundation**

- Uses & Dangers of the Electromagnetic Spectrum - **Foundation**

Topic 6 – Radioactivity

- Structure of an Atom - **Higher & Foundation**
- Dangers of Radioactivity – **Higher & Foundation**
- Half-Life - **Higher & Foundation**

Biology Separate Science

Test Dates	Thursday 9 October – AM
Topic List	Topic 1 – Key Concepts in Biology - Prokaryotic and eukaryotic cells - Osmosis and Osmosis core practical - Diffusion and active transport - Food tests Topic 2 – Cells and Control - Stem cells - The nervous system - The eye - The brain Topic 3 – Genetics - DNA and the genome - Protein synthesis - Genetic crosses/Punnett squares - Mutation Topic 4 – Natural Selection and Genetic Modification - Antibiotic resistance - Genetic engineering - Biological control Topic 5 – Health, Disease and the Development of Medicines - Pathogens and transmission - BMI and Waist: Hip ratio - Specific Immune system - Plant diseases - Aseptic techniques

Test Dates	Tuesday 7 October – PM
Topic List	Chemistry Topic 4 – The Periodic Table Topic 5-7 – Bonding (Ionic, Covalent & Types of Substances including metallic substances) Topic 8 – Acids & Alkalis and Titration calculations Topic 9 – Calculations Involving Masses Topic 10-12 – Electrolytic Processes, Obtaining Metals & Reversible Reactions Electrolysis, uses of metals and their properties Reversible reactions and the haber process Equilibrium Extraction of metals Topic 15 – Groups in the Periodic Table

Test Dates	Monday 6 October – PM
Topic List	Physics Topic 1 – Key Concepts of Physics Topic 2 – Motion and Forces - Circular Motion - CORE Practical – Mass v Acceleration of an Object Topic 3 – Conservation of Energy - Gravitational Potential Energy & Kinetic Energy - Sankey Diagrams Topic 4 – Waves - Types of Waves Topic 5 – Light and the Electromagnetic Spectrum - Types of Lenses Topic 6 – Radioactivity - Atomic structure & Isotopes Topic 7 – Astronomy - Orbits - Big Bang Theory & Evidence

Optional Subjects

Art

Test Dates	This is part of ongoing assessment for component 1 portfolio Design and Media assessment September 2026 Final piece assessment after 10 hours supervised time October 2026.
Topic List	Design and Media Personal project - students will receive a mark out of 24 Evidence should include • 4 thumbnail sketches/compositional designs • 1-2 careful A4 tonal studies for the final composition • Creative mind map for the development of the final piece • Media experiments including zoom in sections if needed • A3 mini version of the final design • Annotations in the sketchbook outlining what the final piece will look like, and media used to develop this. This will include analysis and links to the artists studied. Final Piece receive a mark out of 24 Evidence should include • A final piece completed over a 10-hour period, clearly using the design and media experiments to inform the outcome.

Business Studies

Test Dates	15 th October session I
Topic List	1.1 Enterprise • Dynamic nature of business • Risk and reward 1.2 Business opportunity • Customer needs • Market Research • Market Segmentation • Competitive environment 1.3 Idea into practice • Aims and objectives • Revenue, costs and profit • Cash and cash flow • Sources of finance 1.4 Making the business effective • Options for start-up • Location • Marketing mix • Business Plans 1.5 External influences • Stakeholders • Technology • Legislation • The economy • External influences 2.1 Business Growth • Methods of growth • Globalisation • Ethics • Environmental factors 2.2 Marketing Mix • Making decisions using the marketing mix • Price • Place • Product • Promotion

Citizenship

Test Dates	
Topic List	Life in Modern Britain • Principles and values that underpin British society? • Identity • Role of the media and the free press • The UK's role in international organisations such as NATO, the EU, World Trade Organisation. • How can citizens make their voice heard and make a difference in society? Rights and Responsibilities • What laws does a society require and why? • How has the law developed over time, and how does the law protect the citizen and deal with criminals? • What are the universal human rights and how do we protect them? • How do citizens play a part to bring about change in the legal system?

Computer Science

Test Dates	Paper 1: Monday 12 October (<i>Session 5</i>) Paper 2: Wednesday 14 October (<i>Session 5</i>)
Topic List	<u>Paper 1 Content</u> 1.1 Systems architecture 1.2 Memory (Conversions, Compression & Character Sets) <u>Paper 2 Content</u> 2.1 Algorithms 2.2 Programming fundamentals 2.3 Producing robust programs 2.4 Boolean logic 2.5 Programming languages and Integrated Development Environments

Dance

Test Dates	Wednesday 15 October (Session 1)
Topic List	Section A Action content: travel, turn, elevation, gesture, stillness, floor work, transfer of weight Spatial content: pathways, levels, direction, size of movement, patterns spatial design Dynamic content: fast/slow, sudden/sustained, acceleration/deceleration, strong/light, direct/indirect, flowing abrupt Relationship content: lead and follow, mirroring, action and reaction, accumulation, complement and contrast, counterpoint, contact, formations. Choreographic processes: researching, improvising, generating, selecting, developing, structuring, refining and synthesising. Structuring, devices and form: binary, ternary, rondo, narrative, episodic, beginning/middle/end, unity, logical sequence Choreographic devices: motif and development, repetition, contrast, highlights, climax, manipulation of number, unison and canon Safe working practices Performance environments – in the round, proscenium stage, endstage, site-sensitive Importance of warming up Section B Mental skills and attributes, expressive skills, choreographic processes of your own performance work Section C Shadows A Linha Curva Emancipation of Expressionism Within Her Eyes

Geography

Test Dates	
Topic List	Section A – From Paper One – Physical Geography Climate Change – Evidence for climate change from the beginning of the Quaternary period to the present day. Causes of climate change: natural factors and human factors. – Overview of the effects of climate change on people and the environment. – Managing climate change: mitigation and adaptation Coasts – Wave types and characteristics. – Coastal processes: weathering processes, mass movement, erosion, transportation, longshore drift, deposition – Characteristics and formation of landforms resulting from erosion and deposition – Hard engineering, soft engineering, managed retreat – coastal realignment. Section B - From Paper Two – Human Geography Urban Issues and Challenges Global urbanisation trends. A case study of a major city in an LIC or NEE (Rio de Janeiro) to illustrate: the location and importance of the city, causes of growth, how urban growth has created social and economic opportunities, how urban growth has created challenges (social, economic and environmental), an example of how urban planning is improving the quality of life for the urban poor. A case study of a major city in the UK (Bristol) to illustrate: the location and importance of the city in the UK and the wider world, the impact of national and international migration on the growth and character of the city. How urban change has created opportunities (social, economic and environmental), How urban change has created challenges (social, economic and environmental), an example of an urban regeneration project.

History

Test Dates	
Topic List	Conflict and Tension: The First World War, 1894-1918 • Moroccan Crises (1905 and 1911) • Assassination of Archduke Franz Ferdinand • The Gallipoli Campaign • The Battle of the Somme • Causes of Germany's defeat in WWI (including Spring Offensive, Hundred Days' Offensive, US entry, naval blockade and changes in allied leadership) Britain, Health and the People, 1000CE to the Modern Day • The Black Death and the Great Plague • Edward Jenner and Vaccination • Joseph Lister and antiseptics • The creation of the NHS (including causes, opposition and impact) • Development of surgery and anatomy over time

Physical Education GCSE

Test Dates	11z/PGB Monday 13 October (Session 2), 11z/PGC Tuesday 14 October (Session 2)
Topic List	Paper 1 – Units 1-3 (Anatomy & Physiology/ Movement analysis/ Physical Training). 1 hour 15 minute Paper – 78 marks total This will involve a combination of multiple choice, short answers and extended writing. Applying the KAIN principle will be essential within the exam to perform well. Content to be known for each unit. Is shown below. (NB students have all been given an A3 booklet and sheets which provide all the necessary content for the Units). If any students have lost or are missing any of these sheets, can they please see a member of the department as soon as possible, who will provide a new resource. Unit 1 • Structure and function of the skeleton. • Structure and function of the muscular system. • Structure and function of the cardiorespiratory system. • Aerobic and Anaerobic systems. • The effects of exercise. Unit 2 • Types of levers. • Types of movement. • Planes of movement and axes of rotation. • Mechanical Advantage. Unit 3 • Health and fitness. • Components of fitness. • Fitness testing. • The principles of training. • Training thresholds. • Types of training.

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| | <ul style="list-style-type: none">• Preventing injury.• Training seasons.• Warming up and cooling down. |
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Spanish

Test Dates	Class Teacher to confirm dates in lesson
Topic List	Students will be assessed on the following key skills: • Listening (including Dictation) • Extended Writing in Spanish • Reading Comprehension • Translation from Spanish to English Students will be completing their assessment on the following key topics: Higher – vocabulary linked to • Acabo de + infinitive = I have just..... • Acabamos de + infinitive = We have just.... • Key verbs Ayudar = to help / Apoyar = to support • Advantages of something / Positive Aspects of something • Opinions on town, school, holidays etc. • Past tense activities / celebrations • Future tense activities and plans Foundation – vocabulary linked to • En la foto hay + noun = in the photo there is/are.... • En la foto hay muchas cosas = in the photo there are lots of things • Sport, music, TV, reading and cinema • Opinions on town, school, holidays etc. • Past tense activities / celebrations • Future tense activities and plans Students will also need to be familiar with the following key tenses: • Present tense • Preterite (Past) tense • Imperfect (Past) tense • Immediate future tense • Simple future tense • Conditional tense

Drama

Test Dates	This is part of ongoing assessment for component 1 portfolio Devising Theatre assessment September 2026 Final piece assessment after 10 hours supervised time October 2026.
Topic List	Devising Theatre Personal portfolio (30 marks) to support a group performance (15 marks)- students will receive a mark out of 60 in total Evidence should include • Written portfolio of no more than 1000 words with additional supporting materials • Written response to stimulus • Written explanation of choice of practitioner • Written explanation of how practical work was developed and refined. • Creative mind maps in response to the stimulus • Scripts that were developed from the devising process - annotated. • Role on the wall • Research around the stimulus and style of theatre selected by the group Evaluation of the devised performance - 15 marks Evidence should include • An analysis and evaluation of the final performance piece and reflection on whether the group met their creative intentions.

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