



THE CONSORTIUM
ACADEMY TRUST

26 September 2025

Year 11 Mock Examinations



**THE
HESSE
ACADEMY**

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Dear parent / carer

As we approach the first set of Year 11 Mock Examinations in just over two weeks' time, please find overleaf an overview of topics which will appear in them. As this set of mocks do not always cover the full specification content at this stage of Year 11, we thought it would be useful to let you know what will be assessed (this has been communicated well in advance to students already). We hope this will provide some further guidance to focus their revision on the run up to these exams.

All this information can be found on the school website in the ["Year 11 – Aiming for Success"](#) section, alongside subject revision resources which will cover the content listed below. Where possible, we have also referred to the revision guides handed out at the Year 11 Success Event so you can access revision content in those.

Thank you for your support.

Yours faithfully

Mr D Willson
Assistant Headteacher – Standards

English Language 1hr 45 mins	<ul style="list-style-type: none"> English Language: Explorations in Creative Reading and Writing <p><i>4 questions based on an unseen fiction text; 1 further extended writing question, either narrative or descriptive</i></p>
English Literature 1hr 45mins	<ul style="list-style-type: none"> English Literature: <i>Macbeth</i> and <i>The Strange Case of Dr Jekyll and Mr Hyde</i> <p><i>1 question on each text, using an extract and the whole text</i></p>
Maths 3x 1hr 30 mins 1 x non-calculator 2 x calculator	<p>Maths will cover a full suite of 3 past papers. This can cover any content covered across the whole spec.</p> <p>We advise at this stage that students focus revision on the crossover content (relevant to both tiers) and topics such as;</p> <ul style="list-style-type: none"> Standard Form Error Intervals Percentage change Simultaneous Equations Linear Graphs Speed, Distance & Time problems Ratio & Proportion Angles in parallel lines, angles in polygons Probability - Venn diagram, tree diagram Averages Frequency Polygon Scatter Graphs <p>Further revision checklists are available within 'Subject Resources – Maths' in the Year 11 section of the website.</p>
Science Combined – 3 x 1hr 15 mins Separates – 3 x 1hr 45 mins	<p>Biology Paper 1 4.1 Cell Biology 4.2 Organisation 4.3 Infection and Response 4.4 Bioenergetics</p> <p>Chemistry Paper 1 4.1 Atomic Structure and Periodic Table 4.2 Bonding, Structure and the properties of matter 4.3 Quantitative Chemistry 4.4 Chemical Change 4.5 Energy Changes</p> <p>Physics Paper 1 4.1 Energy Changes in a System 4.2 Electricity 4.3 Particle model of Matter 4.4 Atomic Structure</p> <p>*Information relating to each spec point and the corresponding revision resources can all be found in the 'Subject Resources – Science' folder on the website.</p>

Geography 2 x 1hr 30 mins	<p>Paper 1</p> <ul style="list-style-type: none"> • Challenges of natural hazards (pg. 2-19) • Physical landscapes in the UK – Rivers and Coasts (pg. 39-59) • Bridlington Fieldwork (pg. 122-134) <p>Paper 2</p> <ul style="list-style-type: none"> • Urban issues and challenges (pg. 69-80) • Resource management (pg. 96-106) • Unfamiliar fieldwork (pg. 122-134) <p>The page numbers indicate content from the Geography Revision Guide to support.</p>
History 1hr 50 mins	<p>Paper Content:</p> <p><u>All Anglo-Saxon and Norman Content:</u> Anglo-Saxon England and the Norman Conquest. 1060-66 Securing the Kingdom, 1066-87 Norman England, 1066-88</p> <p><u>Superpower Relations Content:</u> Origins of the Cold War. 1941-58 Cold War Crises, 1958-70</p> <p>In the revision guides the above Superpowers content can be found on pages 4-31</p>
French	<p>Content covered in the reading & writing papers.</p> <p>3.1.1 Theme 1: People and lifestyle Theme 1 covers the following three topics:</p> <ul style="list-style-type: none"> • Topic 1: Identity and relationships with others • Topic 2: Healthy living and lifestyle • Topic 3: Education and work <p>3.1.2 Theme 2: Popular culture Theme 2 covers the following three topics:</p> <ul style="list-style-type: none"> • Topic 1: Free-time activities • Topic 2: Customs, festivals and celebrations • Topic 3: Celebrity culture <p>3.1.3 Theme 3: Communication and the world around us Theme 3 covers the following three topics:</p> <ul style="list-style-type: none"> • Topic 1: Travel and tourism, including places of interest • Topic 2: Media and technology • Topic 3: The environment and where people live <p>*Revision resources for these are available in the subject resources folder on the website.</p>

Computer Science 2 x 1hr 30 mins	Paper 1 1.1 Systems Architecture 1.2 Memory and Storage 1.3 Networking 1.5 Systems Software 1.6 Different licence types (Open Source and Proprietary) Paper 2 Programming Constructs Flowcharts Errors Searching and Sorting Algorithms Defensive Design Boolean Logic High and Low-level languages Translators Maintainability Data Types Tracing an Algorithm SQL Programming fundamentals *All supporting materials for this exam have been uploaded to the student area on Microsoft Teams by Mr Scott
Business 1 x 1hr 45 mins	Paper 1 (page numbers for Business revision guide) Unit 1 - Business in the Real World (pg. 6-22) Unit 2 - Influences in Business (pg. 23-35) Unit 4 - Human Resources (pg. 46-56)
Sociology 1 x 1hr 45 mins	Paper Content 1. The Sociological Approach 2. The Sociology of Families 3. The Sociology of Education 4. Sociological Research Methods (in context of Families & Education) *Revision resources for these are available in the subject resources folder on the website.
PE 1hr	1.1 Applied Anatomy & Physiology <ul style="list-style-type: none"> • The structure and function of the skeletal system • The structure and function of the muscular system • Movement analysis • The cardiovascular and respiratory systems • Effects of exercise on body systems 1.2 Physical Training <ul style="list-style-type: none"> • Components of fitness • Applying the principles of training • Preventing injury in physical activity and training

	<p>2.1 Socio-cultural influences</p> <p>Ethics in sport: know and understand:</p> <ul style="list-style-type: none"> • the value of sportsmanship • the reasons for gamesmanship and deviance in sport. • be able to apply practical examples to these concepts. <p>Drugs in sport</p> <ul style="list-style-type: none"> • know and understand the reasons why sports performers use drugs • know the types of drugs and their effect on performance: anabolic steroids, beta blockers, stimulants • give practical examples of the use of these drugs in sport. • know and understand the impact of drug use in sport. <p>Please refer to the GCSE PE Revision Guide from the Year 11 Success Event to find these spec points (1.1, 1.2, 2.1)</p>
Technology	<p>Cambridge National Engineering Manufacture</p> <p>R014 Principles of engineering Manufacture</p> <p>Topic Area 1: Manufacturing processes P18-39</p> <p>Topic Area 2: Engineering materials P47-54</p> <p>Topic Area 3: Manufacturing requirements P55-58</p> <p>Topic Area 4: Developments in engineering manufacture P59-65</p> <p>GCSE Resistant Materials</p> <p>Material categories pg. 18-39</p> <p>Product sustainability pg. 6-13, 132</p> <p>Mechanical Systems pg. 35-115</p> <p>Understanding user's needs (suitability, ergonomics, anthropometrics) pg. 125-128</p> <p>Commercial Processes; pg. 85-92</p> <p>Scales of Production and prototypes: pg. 47-50, 150</p> <p>Tools and Safety: pg.151-152</p> <p>Orthographic Projection and Perspective drawing: pg. 142</p> <p>GCSE Food Preparation and Nutrition</p> <p>Paper 1 Food Preparation and Nutrition</p> <p>Food safety</p> <p>Food, nutrition and health</p> <p>Cooking of food and heat transfer</p> <p>Environmental impact and sustainability of food</p> <p>All revision topics will be set on SENECA Learning</p>