

Year 10 Mock Revision

Subject	What to revise
RE	Please revise the following units for RE: Creation Incarnation Triune God Redemption
Maths	Higher: <ul style="list-style-type: none"> • Types of Number • Simplifying Algebra • Sequences • Interpreting and representing data • Fractions, ratio and percentages • Angles • Right angled triangles (Trigonometry and Pythagoras' theorem) • Graphs • Area and volume • Transformations • Equations and inequalities • Probability • Similarity and Congruence • Trigonometry in non-right angled triangles • Equations and graphs Foundation: <ul style="list-style-type: none"> • Types of Number • Simplifying Algebra • Graphs, tables and charts • Fractions and Percentages • Equations, inequalities and sequences • Angles • Averages and Range • Perimeter, area and volume • Graphs • Transformations • Right-angled triangles • Probability • Congruence, similarity and vectors
English	Paper 1 Literature: Jekyll and Hyde Macbeth Paper 2 Literature Conflict poetry Modern text (An Inspector Calls or Lord of the Flies) Unseen poetry
Science	Biology Topic 1 – Cells Topic 2 – Organisation Topic 3 – Infection and response Topic 4 – Bioenergetics

	<p>Chemistry Topic 1 – Atomic structure and the periodic table Topic 2 – Structure, bonding and properties of matter Topic 3 – Quantitative Chemistry Topic 4 – Chemical changes Topic 5 – Energy Changes</p> <p>Physics Topic 1 – Energy Topic 2 – Electricity Topic 3 – Particle model of matter Topic 4 – Atomic structure</p>
Business	<p>Students will sit a formal 1 ½ hour paper. They must revise:</p> <ul style="list-style-type: none"> • All of unit 1 • All of unit 2 • Units 3.1 and 3.2 • In addition, they should read ahead on and learn the following all of which will be discussed and reinforced in the lessons prior to the start of the exams: <ul style="list-style-type: none"> ○ Employee Retention: Definition and Benefits (P136) ○ Staff Development: Definition and Benefits (P147/148) ○ The benefits of good business to customer communication (Unit 3.3 but focus specifically on how good business to customer communication both informs the customers and encourages them to buy and repeat purchase) ○ Financial and non-financial methods of motivation. P137 and the blue tables on P139 and P140 ○ The Equality Act 2020 (Page 161) ○ The benefits of being self-employed. (P103) ○ Off the job training: Definition and benefits and limitations. (P150 + the blue table on P151) ○ Internal and External Recruitment: Definitions and the benefits and limitations of each. (P125)
Computer Science	<p>Theory part of the exam Computational thinking, Data, Computers, Networks and Issues and Impact.</p> <p>The computer-based part of the exam Writing and editing programs including: Syntax errors, selection using if statements, loops including the for and while loop, debugging. Reading and writing to files.</p>
Sociology	<p>Revise Key Concepts, Family and Education</p>
Drama	<p>Section A: DNA – Dennis Kelly set text (copies available to borrow from Drama Dept plus digital copy on teams)</p> <ul style="list-style-type: none"> - Character analysis - Character interpretation - Understanding of the context of play

	<p>Section B: Live Theatre evaluation – Curious Incident of the Dog in the Night Time</p> <ul style="list-style-type: none"> - Key moments from play - One actor and how their performance was effective - Opinion of how the performance affected you <p>General</p> <ul style="list-style-type: none"> - Performance skills - Stage configurations - Technical terminology - MISSED writing structure
Art	No written exam but students will be expected to plan a design which fits in with their current project development.
PE GCSE	<p>Paper 1:</p> <ul style="list-style-type: none"> • Structure and function of the skeletal system • Structure and function of the muscular system • Structure and function of the Cardiovascular system • Structure and function of the Respiratory system • Short and long term effects of exercise <p>Paper 2:</p> <ul style="list-style-type: none"> • Physical activity and sport in the UK • Participation in physical activity and sport • Commercialisation of sport • Characteristics of skilful movement • Classification of skills • Goal setting • Mental preparation • Types of guidance • Types of feedback
Sport BTEC	No mock exam but will be continuing with controlled coursework during allocated time slots.
Health and Social BTEC	No mock exam but will be continuing with controlled coursework during allocated time slots.
Food and Nutrition	<p>Micro and macronutrients Making and informed choice for a balanced diet Nutritional lifestyle analysis (this will be a big mark question) Factors affecting food choice Food hygiene and safety (including pathogens and bacteria) Food production methods (including provenance, primary and secondary processing and fortification)</p> <p>Practical Exam will take place 11th and 12th July</p>
Product Design	<p>Exploring design considerations including:</p> <ul style="list-style-type: none"> - Stakeholders - Ergonomics and anthropometrics <p>Physical and mechanical properties of materials The uses of polymers in everyday products New and emerging technologies Gears and motions Manufacturing techniques of woods and timbers including:</p>

	<p>-Sources and origins of timbers including processes</p> <p>- Measuring and marking out (will include Material Management, Jigs and Templates)</p> <p>- Manufacturing methods (will include wating and additive techniques and components)</p> <p>- The use of finishes</p> <p>All of the above will require the revision of scales of production also</p>
Music	<p>Students should be revising the following:</p> <p>Paul Simon Songs (PowerPoint on teams)</p> <p>Graceland</p> <p>Diamonds on the Sole's of Her Shoes</p> <p>They should ensure they know the vocabulary linked to each element in the revision guides in the word document on teams: The BBC BITESIZE is good for helping revision here.</p> <p>MELODY – phrase, riff, repletion etc...</p> <p>ARTICULATION – staccato, legato etc</p> <p>DYNAMICS – loud/soft</p> <p>TEXTURE –</p> <p>STRUCTURE</p> <p>HARMONY</p> <p>INSTRUMENTATION – know the families which are in what and be able to recognise them</p> <p>RHYTHM – Syncopation,</p> <p>Tempo – Speed...Allegro etc</p> <p>Revise key features of the following genres: (Also in the revision guide on teams – and BBC Bitesize)</p> <p>Areas of Study 2 – Popular Music (Music Theatre, Rock Music, Film and Gaming Music, Pop music from 1990)</p> <p>Area of Study 3 – Traditional Music (Blues Music, African/Caribbean music including Reggae, Latin</p>
History	<p>Superpower relations and the Cold War, 1941-91.</p> <p>Revise all you have learned in the Cold War topic. Use your revision guides. Remember, the first half of the revision guide is subject knowledge, and the second half is on exam skills. The breakdown of the exam is as follows:</p> <ul style="list-style-type: none"> • Explain two consequences (8 marks) • Write a narrative account (8 marks) • Explain the importance of two events (16 marks)
Geography	<p>Topics:</p> <ol style="list-style-type: none"> 1. Restless Earth 2. Climate and change 3. Weather Hazards 4. Glaciation
French	<p>What to revise for the Reading Paper:</p> <p>Family Relationships</p> <p>Free time activities</p> <p>New technologies</p>

	<p>Special Occasions (Christmas, Birthdays, NYE etc.) Holidays Eating out Translation – Holidays Restaurants Description of a town Travel and tourism A new friend (adjectives) Social media (videos)</p> <p>What to revise for the Writing Paper: Holidays My town/region</p>
Polish	<p>Y10 Polish topics for revision:</p> <ol style="list-style-type: none"> 1. Family and friends 2. Social issues 3. Healthy and unhealthy lifestyle 4. Free time activities 5. Shopping, money, fashion and trend
Personal and Social Development	<p>No mock exam but will be continuing with coursework during allocated time slots.</p>