



Year 11 Autumn Mock Exams – Topic list by Subject

Subject	Topic List/Resources/Notes
Art	Personal Portfolio Coursework – practical board completion/final response
Business Studies	Theme 1 paper only: Topic 1.1 Enterprise and Entrepreneurship Topic 1.2 Spotting a Business Opportunity Topic 1.3 Putting a Business Idea into Practice Topic 1.4 Making the Business effective Topic 1.5 Understanding external influences on a business
Child Development	RO57: TA1-Pre conceptual health and reproduction. TA2-Antenatal care and preparation for birth.
Computer Science	1.3 Networks 2.1.1 Computational Thinking 2.1.2 Designing, creating and refining algorithms 2.1.3 Searching and Sorting algorithms 2.2 Programming fundamentals 2.4 Boolean logic
Drama	Focus is set text, Arthur Miller's <i>The Crucible</i> . Revise all questions (including strategies for 9-, 12- and 14-mark questions). Written Exam Paper 3 only.
English Language	Paper 1 – Explorations in Creative Reading and Writing -use practice papers from the school's own English website - use English Language assignments from Seneca
English Literature	Paper 2 – An Inspector Calls, Poetry Anthology: Love and Relationships, Unseen Poetry -use practice papers from the school's own English website - use English Literature assignments from Seneca
French	3 papers – Listening, Reading and Writing Theme 1 – Me, my family and friends, Technology, Social media, Free time, Customs and festivals. Theme 2 – Home, Town, Region, Charity and volunteer work, Environment, Poverty & homelessness, Holidays & travel. Theme 3 – School, Future studies, Jobs
Geography	All year 11's were given the lesson and homework schedule during the first week back which included the revision and lesson focus. Students should check Classcharts for past topics set for revision:

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History	<p>Paper 1 Edexcel's Crime and Punishment Section A Historic Environment: Whitechapel, c1870–c1900: crime, policing and the inner city</p> <p>Section B Part 1: c1000–c1500: Crime and punishment in medieval England</p> <ul style="list-style-type: none"> • Crimes and punishments including changes as a result of the Norman Conquest e.g. William I's Forest Laws. • The role of the authorities and local communities in law enforcement including tithings, the hue and cry, and the parish constable. • Case study: The influence of the Church on crime and punishment in the early thirteenth century: the significance of Sanctuary and Benefit of Clergy; the use of trial by ordeal and reasons for its ending. <p>Part 2: c1500–c1700: Crime and punishment in early modern England</p> <ul style="list-style-type: none"> • Crimes, punishments and law enforcement including new definitions in the sixteenth century: vagabondage and witchcraft. Increase of Heresy. • The continued use of corporal and capital punishment; the introduction of transportation and the start of the Bloody Code. • Case studies: The Gunpowder Plotters, 1605: their crimes and punishment AND Matthew Hopkins and the witch-hunts of 1645–47. <p>Part 3: c1700–c1900: Crime and punishment in eighteenth- and nineteenth century</p> <ul style="list-style-type: none"> • Crimes and punishments including highway robbery, poaching and smuggling and the treatment of the Tolpuddle Martyrs. • The work of the Fielding brothers. The development of police forces and the beginning of CID. Prison reform. • Case studies: Pentonville prison in the mid-nineteenth century: Robert Peel – his contribution to penal reform and to the development of the Metropolitan Police Force. <p>Part 4: c1900–present: Crime and punishment in modern Britain</p> <ul style="list-style-type: none"> • Continuity and change in the nature of crimes, including new forms of theft, driving offences, race crimes and drug crimes. • The role of the authorities and local communities in law enforcement, including the development of Neighbourhood Watch. Changes within the police force: increasing specialisation, use of science and technology and the move towards prevention. • The abolition of the death penalty; changes to prisons, the development of non-custodial alternatives to prison.
Hospitality & Catering	<p>NEA Coursework: Practical Exam - 5 hours (completing in Autumn mocks) Written coursework tasks: AC 1.1 Describe the functions of nutrients in the body AC 1.2 - Compare nutritional needs of specific groups. AC 1.3 - Explain the characteristics of unsatisfactory nutritional intake. AC 1.4 Explain how cooking methods impact on nutritional value of food. AC2.1 Explain factors to consider when proposing dishes for a menu AC2.2 Explain how dishes on a menu address environmental issues. AC2.2 Explain how menu dishes meet customer needs. AC2.4 Plan production of dishes for a menu</p>

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<p>Maths</p>	<p>Foundation</p> <ul style="list-style-type: none"> • Place values Metric conversion • Percentages/fractions/decimals Simplifying algebraic terms • Angles Ordering fractions • Ordering decimals Scale problem • Squares and square roots/cubes/cube roots • Parts of a circle • Money problems Time problem • Bar chart/Line chart Prime numbers • Function machines Two-way table • Ratio Pie chart • Working with negative numbers • Percentage of an amount • Order of operations Forming algebraic expressions • Perimeter of 2D shapes Proportion/recipe problem • Simple probability Drawing of linear graph • Multiplication of integers Factorising • Stem and leaf diagram HCF • Best value for money Standard form • Solving equations Plan and elevation problem • Transformations Compound interest • Arithmetic sequence Compound measures • Fractions - Four operations Probability tree problem • Area of a 2D compound shapes Volume of cylinder problem • Venn diagram and sets Substitution • Estimation problem Rearranging the formula • Equation of a straight line • Ratio problem • Reverse percentages • Linear inequalities 	<p>Higher</p> <ul style="list-style-type: none"> • Arithmetic sequence HCF • Fractions - Four operations Standard form • Area of a 2D compound shapes Plan and elevation problem • Venn diagram and sets Compound interest • Estimation problem Compound measures • Equation of a straight line Probability tree problem • Ratio problem Volume of cylinder problem • Averages Vectors • Percentage decrease Volume problem • Simultaneous equations Ratio problem • Transformations Box plot • Graphs – identifying Product rule for counting • Histogram Compound interest • Expanding of triple brackets Algebraic fractions • Area of a sector Factorising quadratics • Probability problem Functions • Working with surds Iteration • Proof – recurring decimals Trigonometry in Non-right angle triangle • Similarity problem Bounds • Indices problem Geometric sequence • Volume/surface area problem Area-polygons problem • Trigonometric graphs • Exact trigonometric values • Circle-tangent problem
<p>Music</p>	<p>Rhythms of the World. Concerto Through Time. Please find previous PowerPoints on Teams. There are also excellent resources for the above in video form on youtube and on BBC bitesize. You will also need to use resources such as Musictheory.net for general elements of music and reading of notation.</p>	

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PE	<p>Paper 1 – Fitness and body systems</p> <p>The structure and functions of the musculo skeletal system</p> <p>The structure and functions of the cardio respiratory system</p> <p>Anaerobic and aerobic exercise</p> <p>The short- and long-term effects of exercise</p> <p>Lever systems, examples of their use in activity and the mechanical advantage they provide in movement</p> <p>Planes and axes of movement</p> <p>The components of fitness, benefits for sport and how fitness is measured and improved</p> <p>The principles of training and their application to personal exercise/ training programmes</p> <p>How to optimise training and prevent injury</p> <p>Paper 2 – Health and Performance</p> <p>Physical, emotional and social health, fitness and wellbeing</p> <p>The consequences of a sedentary lifestyle</p> <p>Energy use, diet, nutrition and hydration</p> <p>Classification of skills (basic/ complex, open/closed)</p> <p>Guidance and feedback on performance</p> <p>Commercialisation of physical activity and sport</p>
Psychology	Memory, Development, Social Influence, Research Methods
Science	<p>Biology (Triple): Paper 1</p> <ul style="list-style-type: none"> • Topics 1-4: Cell Biology, Organisation, Infection and response, Bioenergetics • Revision materials include: Revision guide, Revision booklet and exam questions with mark schemes in unit sections shared on Teams. <p>Combined Science Biology: Paper 1</p> <ul style="list-style-type: none"> • Topics 1-4: Cell Biology, Organisation, Infection and response, Bioenergetics • Revision materials include: Revision guide and ten-minute revision materials have been shared on Teams <p>Chemistry combined and separate:</p> <ul style="list-style-type: none"> • Atomic structure and the periodic table • Bonding, structure, and the properties of matter • Quantitative chemistry • Chemical changes • Energy changes <p>Physics combined and separate:</p> <ul style="list-style-type: none"> • Energy • Electricity • Particle model of matter • Atomic structure

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Spanish	3 papers – Listening, Reading and Writing. Theme 1 – Me, my family and friends, Technology, Social media, Free time, Customs and festivals. Theme 2 – Home, Town, Region, Charity and volunteer work, Environment, Poverty & homelessness, Holidays & travel. Theme 3 – School, Future studies, Jobs
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