Year 11

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|  | **Autumn** | | **Spring** | |  | **Summer** | |
| Subject | **1st Half Term** | **2nd Half Term** | **1st Half Term** | **2nd Half Term** | **1st Half Term** |  | **2nd Half Term** |
| English  Language | Language Paper 1- Fiction  How are texts structured to engage readers? | Language Paper 2- Non Fiction  How can we make valid and developed comparisons? | Language Paper 2 - Writing  What methods can you use to present your ideas and persuade your reader? | Revision of both papers  How can you apply prior knowledge to explore new texts in timed conditions? |  |  |  |
| English  Literature | Macbeth  How do we explore the language, themes and context of Shakespeare? | Approaching Unseen Poetry  How do I apply my knowledge of language in an unseen, timed context? | Final Poetry Cluster  How can connections be made between all poems in the anthology? | Revision of all topics  How can model answers support me when revising? |  |  |  |
| Mathematics (Higher) | Percentages,  Indices and Roots,  Algebraic Manipulation,  Linear graphs, Angle properties in shapes, Accuracy,  Exam preparation for Nov mock exams | Circles, Equations and inequalities, Probability, Sequences, Constructions, Quadratics, Quadratic graphs | Ratio and compound measures, Proportion, Simultaneous equations, Pythagoras’ theorem, Statistical graphs and measures, Transformations of shapes and vectors, Bivariate data | , Sampling,  Probability of  Combined events  Volume and surface  Area  Trigonometry  Further graphs  Mathematical  arguments |  |  |  |
| Mathematics (Foundation) | Revision of key topics across Number, Algebra, Geometry and Data  Percentages,  Indices and Roots,  Exam preparation for Nov mock exams | Algebraic manipulation, Straight-line graphs, Angle properties in shapes, Accuracy, Circles, Equations and inequalities, Probability, Sequences | Quadratics, Quadratic graphs, Ratio and compound measures, Proportion, Simultaneous equations, Pythagoras’ theorem, Preparation for mock exams | Statistical graphs and measures, Transformations of shapes and vectors, Probability of combined events, Volume and surface area, Trigonometry |  |  |  |

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| Science  (Combined and  Triple, B strand for single science) | B5: Homeostasis and response  What is the structure and function of an animal’s nervous system and how does this relate to homeostasis? What is the structure of the human brain and eye? What is the role of the human endocrine system in homeostasis? What hormones are involved in human reproduction and what effect do they have? How do plant hormones have an effect in plan control and co-ordination?  C8: Chemical analysis  How do you test for pigments, gases, cations and anions?  P5: Forces  What forces do we encounter in everyday life and how do they interact with objects? How can moments, levers and gears be useful to us? How is pressure in a fluid created? What forces act on objects travelling along a line? What are Newton’s three laws of motion and where do we observe them in everyday life? How can momentum be applied to safety measures in cars? | B5: Homeostasis and response  What is the structure and function of an animal’s nervous system and how does this relate to homeostasis? What is the structure of the human brain and eye? What is the role of the human endocrine system in homeostasis? What hormones are involved in human reproduction and what effect do they have? How do plant hormones have an effect in plan control and co-ordination?  C7: Organic Chemistry  How do a range of organic compounds affect our lives?  C9: Chemistry of the atmosphere  What is the current atmosphere made up from and how are we affecting it?  P5: Forces  What forces do we encounter in everyday life and how do they interact with objects? How can moments, levers and gears be useful to us? How is pressure in a fluid created? What forces act on objects travelling along a line? What are Newton’s three laws of motion and where do we observe them in everyday life? How can momentum be applied to safety measures in cars? | B6: Inheritance, variation and evolution  What are the advantages and disadvantages of sexual and asexual reproduction? How do inherited disorders affect individuals and how can they be treated? What are the causes of variation? What is cloning and how can it be useful? What is the theory of evolution and what evidence supports it?  C9: Chemistry of the atmosphere  What is the current atmosphere made up from and how are we affecting it?  C10: Using resources  What resources are left on our planet and how do we plan to continue to use these in a sustainable manner?  P7: Magnetism and electromagnetism  What are permanent and induced magnets? What energy transfers occur in the motor effect? What energy transfers in the generator effect? How do microphones and loudspeakers work? How do transformers work to change the value of potential difference? | Revision |  |  |
| Child  Development | Working towards  RO19 Internal  Assessment -  Understanding the equipment and  nutritional needs of 1  – 5 year olds  What are the needs of a child who attends a nursery setting 1 year-5years? | Understand the physical, intellectual and social  developmental norms from birth to five years  What are the physical, intellectual and social  developmental norms from birth to five years? | Understand the benefits of learning through play.  &  Planning different play activities for a chosen  developmental area  Can you plan an activity for a child aged 1-5years old? | Be able to carry out and evaluate  different play  activities for a chosen  developmental area with a child from birth to five years  Can you evaluate your activity? |  |  |
| Computer Science | 2.1 Algorithms    What are the principles of computational thinking? How do you design, create and refine algorithms? How are search and sort algorithms used? | 2.2 Programming fundamentals    What are key programming fundamentals, techniques and data types? | 2.3 Producing robust programs    How do you build robust programs? | 2.4 Boolean logic    How do you create simple logic diagrams using specific operators? How do you apply logical operators in truth tables to solve problems? | 2.5 Programming languages and Integrated Development Environments    What are the differences between  high level and low level programming languages? What are IDE’s and how can they be used to create computer programs? |  |
| History | Anglo-Saxon and Norman England  What was life like in Saxon England?  How did William take control of England? | Anglo-Saxon and Norman England  How did life in England change under Norman rule? | Crime and Punishment  How did crime, law enforcement and punishment change between c1000 and c1700? | Crime and Punishment  How did crime, law enforcement and punishment change between c1700 and the present day? | Crime and Punishment  Whitechapel, c1870–c1900: what crimes and methods of policing were found in the inner city? |  |
| Design Tech  (3D Design Art and Design) | Personal project from exam board titles.  How do you choose a personal project that will enable you to succeed in your GCSE? What do you need to consider? | Personal project from exam board titles.  What do you need to consider when researching a project? Explain the different forms of research you can use? | Externally Set project (Exam Prep)  Once you have selected your exam project, how do you decide what construction skills to use? What are the advantages of CAD and CAM? | Externally Set project (Exam Prep + Final Exam)  How can you prepare for your ten-hour exam? What do you need to know and do before sitting the exam? |  |  |

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| Geography | The Changing Economic World (unit 2.2)  *How do levels of development affect our global community?*  Case study of an NEE: Nigeria  Living world (unit 1.2)  What impact do biomes have on our world?  Case study: Amazon rainforest  Option: Hot deserts (Thar desert) | Living world (unit 1.2)  What impact do biomes have on our world?  Case study: Amazon rainforest  Option: Hot deserts (Thar desert) | Challenge of resource management (unit 2.3)  How can resource consumption become more sustainable?  Option: Food | Paper 3 study skills  Fieldwork analysis and pre-release study.  Learning question will depend on the material provided by the exam board. | Revision and Exams  Guided revision in lessons supported by the whole school intervention strategy and optional lunchtime / after school sessions. |  |
| French | My home and town  Qu’est-ce qu’on peut faire dans ta région ?  What can you do in your region? | Holidays  Qu’est-ce que tu fais en vacances ?  What do you do on holiday? | Global and social issues  Comment est-ce qu’on peut sauver le monde ?  How can we save the world? | Revision |  |  |
| German | Urlaub  Wie war dein Urlaub? (How was your holiday?) | Arbeit  Was wirst du in der Zukunft machen? (What are you going to do in the future?) | Umwelt  Wie können wir die Umwelt retten? (How can we save the environment?) | Probleme  Hast du ein Problem? (What's your problem?) |  |  |
| P.E. | Socio cultural Issues in Physical activity and sport P2    Psychology : Mental preparation for sport;   1. What is a sports example of a fine motor skill? 2. What is a sports example of a gross motor skill? | NEA Self Evaluation    Application of the principles to the analysis and evaluation task;  What sport, skill and fitness aspect have you chosen and why? | REVISION | REVISION |  |  |

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| Hospitality and Catering | Catering Theory  Practice starters, mains and deserts  Why is portion control important? | Mock Controlled Assessment on Catering Industry  Presentation skills  How do you write a catering report, while responding to all the points on a brief? | Controlled Assessment on Catering Industry  Mock Practical Exam  How do you achieve the highest marks for a practical exam? | Exam Revision  (2nd Attempt)  Practical Exam  How can you use presentation techniques to improve your grade in your practical exam? |  |  |
| Drama | Hard to Swallow – exploration and  understanding of set text.  How do you analyse and evaluate all aspects of a play text for a performance?  How can you develop your own interpretation to a performance without taking away the playwright’s intentions? | Hard to Swallow – continuing to explore  and understand set text with exam questions.  How do you analyse and evaluate all aspects of a play text for a performance as written expression?  How can you develop your own interpretation to a performance without taking away the playwright’s intentions? | Component 2.  Performance from a text in a group  between 2 and 4.  Rehearsal.  How do you develop and interpret your vision of a performance based on a written play? | Rehearing and performing  Component 2 to  Visiting Examiner.  Revision.  How do you make final preparations to perform under drama exam conditions?  Can you fulfil the requirements to answer exam questions based on live theatre and the in depth study of a text? |  |  |
| RE | Themes in Religion: Religion and life.  What impact does religion have on human rights and social justice? | Themes in Religion:  Religion, crime and punishment.  What influence does religion have on crime and punishment?  Religion and life: REVISION | Judaism REVISION | Judaism REVISION |  |  |
| Art | MOCK EXAM  What is a Mock Exam and how do I prepare? | MOCK EXAM  What is a Mock Exam and how do I prepare? | Exam Prep  Questions from Welsh Board | Exam Prep  Questions from Welsh Board |  |  |
| Music | AOS 4  What is a mock  exam and how do I  prepare?  Performance  What makes a  successful practise  session?  What lessons can  we learn from our  first compositions to  make the second  even better?  *Composition 2: Set*  *briefs* | AOS 2  How do we identify  texture and sonority  in Musical Theatre?  AOS 2  How do we define  Chamber music?  AOS 1  How are the musical  elements used  within the set work  Badinerie by Bach?  Performance  What makes a  successful  performance?  *Composition 2: Set*  *briefs* | AOS 2  How do we compare  two versions of the  same piece of  music?  AOS3  How can the  musical elements be  used to represent a  film character?  Performance  How can the finer  details of a  performance  increase its success?  *Performances* | Revision |  |  |
| Dance | Duo/trio    Infra    Exam Questions  Can you analyse and evaluate all aspects of Infra?  How can you use physical and expressive skills to enhance your performance? | Choreography  Stimulus Exploration    Artificial things    Duo/tri exam  Can you analyse and evaluate all aspects of Artificial Things?  How do you develop and interpret a stimulus to create your own choreography? | Choreography Exam    Professional Works  Comparison    Choreographic Journal  Can you analyse and evaluate all aspects of the choreographic process to enhance audience understanding? | Exam Prep    Sections A ,B, C |  |  |