

Year 11 Revision Timetable (October Mocks)

Subject	Power and Conflict poetry	Unseen poetry	An Inspector Calls		
English Literature	<p>Power and conflict poetry</p> <p>I can identify the language methods a poet uses and explain the impact they have on the reader</p> <p>I can use PEAL paragraphs to explore 3 different aspects of FAILS in the 2 poems</p> <p>I can use connectives to make links between two poems</p> <p>I can link my PEAL paragraphs to context where appropriate</p> <p>I can analyse a quote and provide alternative interpretations</p>	<p>I can identify the language methods a poet uses and explain the impact they have on the reader</p> <p>I can use PEAL paragraphs to explore 3 different aspects of FAILS</p> <p>I can analyse a quote and provide alternative interpretations</p> <p>I can use connectives to make links between the imagery in both unseen poems</p>	<p>I can select a range of key quotes that link to the question</p> <p>I can identify language methods within the quotes and explain the effects they have upon an audience</p> <p>I can link my PEAL paragraphs to context where appropriate</p> <p>I can analyse a quote and provide alternative interpretations</p> <p>I can explore the structure of the play and how a character develops across the whole text</p>		
Subject	Language: Paper 2, Question 1 & 2	Language: Paper 2, Question 3	Language: Paper 2, Question 4	Language: Paper 2, Question 5	
English Language	<p>I can select 4 statements that are true</p> <p>I can use Point, Quote Inference to summarise source A</p> <p>I can use connectives to make links between the texts</p> <p>I can use Point, Quote Inference to summarise source B</p> <p>I can reinforce my point by using another quote from the text to support my argument</p>	<p>I can identify language methods in an extract</p> <p>I can use a PEAL paragraph to explore how and why a language method is used</p> <p>I can explain the effect of a language method on the reader</p> <p>I can reinforce my point by using another quote from the text to support my argument</p>	<p>I can identify the viewpoints and perspectives of both writers in both sources</p> <p>I can identify writer's methods in both sources</p> <p>I can use a PEAL paragraph to explore how the writer conveys a thought, feeling, viewpoint or perspective</p> <p>I can use connectives to make links between the texts</p> <p>I can reinforce my point by using another quote from the text to support my argument</p>	<p>I can carefully choose vocabulary to manipulate my tone so that it matches the purpose of my writing</p> <p>I can use a range of punctuation accurately</p> <p>I can use a range of sentence starters to influence my audience</p> <p>I can vary my syntax by using a range of simple, compound, complex sentences and embedded clauses</p> <p>I can structure my writing so that my paragraphs are linked together logically matching the correct tone</p>	
Subject	Week 1	Week 2	Week 3		
Maths	<p>Maths Watch (60% completed)</p> <p>GCSE Test style papers</p> <p>Corbett Maths 5 a day booklet</p> <p>(Scheme of work to be sent home)</p>	<p>Maths Watch (80% completed)</p> <p>GCSE Test style papers</p> <p>Corbett Maths 5 a day booklet</p> <p>(Scheme of work to be sent home)</p>	<p>Maths Watch (100% completed)</p> <p>GCSE Test style papers</p> <p>Corbett Maths 5 a day booklet</p> <p>(Scheme of work to be sent home)</p>		
Subject	Biology B1 Cells	Biology B2 Organisation	Biology B3 Infection and Response	Biology B4 Bioenergetics	
Biology	<ul style="list-style-type: none"> • Cells and microscopes • Cell differentiation/specialisation • Chromosomes, Mitosis, Stem cells • Diffusion, Osmosis • Active transport • Exchange surfaces • Exchanging substances <p>CGP revision guide p11-22, Make 5 bullet point notes on each page, answer questions on p23</p> <p>Complete homework sheet number 1</p>	<ul style="list-style-type: none"> • Cell organisation • Enzymes, reactions and digestion and Food tests • Lungs, heart, blood and blood vessels • Cardiovascular disease • Non-communicable diseases • Cancer • Plant organisation • Transpiration, stoma, translocation <p>CGP revision guide p24-41, Make 5 bullet point notes on each page, answer questions on p42.</p> <p>Complete homework sheet number 2 and 3</p>	<ul style="list-style-type: none"> • Communicable diseases • Viral, Fungal, Protist and bacterial diseases • Fighting diseases and vaccinations • Fighting diseases and drugs • Developing of drugs <p>CGP revision guide p43-49, Make 5 bullet point notes on each page, answer questions on p57.</p> <p>Complete homework sheet number 4 and 5.</p>	<ul style="list-style-type: none"> • Photosynthesis and Limiting Factors • Rate of Photosynthesis • Respiration and Metabolism • Aerobic and Anaerobic Respiration • Exercise <p>CGP revision guide p50-57, Make 5 bullet point notes on each page, answer questions on p57.</p> <p>Complete homework sheet number 6.</p>	

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Subject	Physics P1 Energy	Physics P2 Electricity	Physics P3 Particle Model of Matter	Physics P4 Atomic Structure																																													
Physics	<ul style="list-style-type: none"> Energy stores and systems Kinetic and potential stores Specific Heat Capacity Conservation of energy and power Reducing unwanted energy/efficiency Energy resources Renewable and Non-renewable resources Trends in energy resource use <p>CGP revision guide p167-177, Make 5 bullet point notes on each page, answer questions on p178 Complete homework sheet number 24 and 25.</p>	<ul style="list-style-type: none"> Circuit Symbols, resistance, Ohms Law $V=IR$, resistance and IV Characteristics LDR, LED and thermistors Series and parallel circuits Investigating resistance Mains electricity in the home (AD/DC) Power of Appliances The National Grid and transformers <p>CGP revision guide p179-189, Make 5 bullet point notes on each page, answer questions on p178 Complete homework sheet number 26 and 27.</p>	<ul style="list-style-type: none"> Particle Model and Motion in Gases Density of Material Internal Energy and Changes of State Specific Latent Heat <p>CGP revision guide p191-194, Make 5 bullet point notes on each page, answer questions on p200 Complete homework sheet number 28.</p>	<ul style="list-style-type: none"> Developing the Model of the Atom Isotopes and Nuclear Radiation Nuclear Equations, alpha and beta decay Half-life Irradiation and Contamination <p>CGP revision guide p195-199, Make 5 bullet point notes on each page, answer questions on p200 Complete homework sheet number 29.</p>																																													
Subject	Chemistry C1 Atomic Structure and the Periodic table	Chemistry C2 Bonding Structure and Properties of Matter	Chemistry C3 Quantitative Chemistry	Chemistry C4 Chemical Changes	Chemistry C5 Energy Changes																																												
Chemistry	<ul style="list-style-type: none"> Atoms, Elements, Compounds Chemical Equations Mixtures, separating techniques Chromatography, distillation History of the Atom Electronic structure Development of the periodic table Metals and non-metals Group 1, 7 and 0 <p>CGP revision guide p96-110, Make 5 bullet point notes on each page, answer questions on p111 Complete homework sheet number 14 and 15.</p>	<ul style="list-style-type: none"> Ions and ionic bonding Covalent Bonding Simple Molecular structures Polymers and Giant Covalent structures Allotropes of Carbon Metallic Bonding States of Matter Changing State <p>CGP revision guide p112-121, Make 5 bullet point notes on each page, answer questions on p122 Complete homework sheet number 16.</p>	<ul style="list-style-type: none"> Relative Formula Mass The mole and equations Conservation of Mass Limiting Reactants Concentrations of Solutions <p>CGP revision guide p123-128, Make 5 bullet point notes on each page, answer questions on p137 Complete homework sheet number 17.</p>	<ul style="list-style-type: none"> Acids and bases, strong/weak acids Reactions of Acids Reactivity Series Separating Metals from metal oxides Redox Reactions Electrolysis Electrolysis of Aqueous Solutions <p>CGP revision guide p129-136, Make 5 bullet point notes on each page, answer questions on p137 Complete homework sheet number 18.</p>	<ul style="list-style-type: none"> Exothermic and Endothermic Reactions Bonding Energies <p>CGP revision guide p138-140, Make 5 bullet point notes on each page, answer questions on p141 Complete homework sheet number 19.</p>																																												
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German	<ul style="list-style-type: none"> School subjects Jobs Places of Work 	<ul style="list-style-type: none"> Sport Health & Fitness Books / Music /TV & Cinema / Internet 	<ul style="list-style-type: none"> Family Friends Marriage / divorce 	<ul style="list-style-type: none"> Booking travel / accommodation Holiday destinations Weather 	<ul style="list-style-type: none"> Home town Daily routine Advantages & Disadvantages 																																												
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Subject	Christian Beliefs and Practices	Relationships and Families	Religion and Life	The Existence of God	
Philosophy & Ethics	Topic The Nature of God and Trinity The Incarnation, Crucifixion and Resurrection Life After Death and Judgement Worship: Prayer and Sacraments Holy Communion Pilgrimage Festivals The Role of the Church	Topic Sex and Sexuality Marriage and Divorce The role of the family Gender and gender equality.	Topic Origins of the Universe The Environment and Pollution Animals Human life: Abortion and Euthanasia	Topic Design Argument First Cause Argument Miracles Revelation The Divine and Enlightenment.	
Subject	Memory	Perception	Development	Research Methods	
Psychology	Topic Structures of memory Processes in memory The MSM Factors affecting memory	Topic Perception & Sensation Visual cues & depth perception Illusions Theories of perception Factors affecting perception	Topic Brain development Nature & Nurture Piaget Learning	Topic Sampling Variable & hypotheses Experimental design Non-experimental methods Correlation & data handling	
	Revision Guide 6-7 8-9 10-13 14-15	Revision Guide 18-19 20-21 22-23 24-25 26-27	Revision Guide 34-35 36-37 38-41 42- 43	Revision Guide 50-51 52-53 54-57 58-59 60-61	
Subject	1.1a The Structure and Function of the Skeletal System	1.1b The Structure and Function of the Muscular System	1.1c Movement Analysis	1.1d The Cardiovascular and Respiratory Systems	1.1e Effects of Exercise on Body System.
GCSE PE	Name and locate Major Bones (Name and locate 22 major bones in the body and identify the difference between axial and appendicular). Pg. 54 Understand the functions of the Skeleton (5 functions with the ability to explain in detail). Pg. 55 Know the definition of Synovial Joint (Know 2 different types of synovial joint, explain it, describe function and link to a sporting example). Pg. 56 Know the following hinge joints & their articulating bones: knee & elbow (E.g. Knee – Patella, femur, Tibia and Fibula). Know the following ball & socket joint & their articulating bones: shoulder & Hip Understand the types of movement at a hinge joint and a ball & socket joint (E.g. Flexion and Extension) Pg. 56 Apply ways of moving at joints to practical sporting examples. (E.g. Kicking a football = flexion and extension at the knee). Know the roles of: ligaments, cartilage, tendons. Describe it, explain the role where can it be found Pg. 56	Know the name and location of the major muscle groups (Locate major muscles in the body and explain functions). Pg. 58 Apply specific muscles to their use in sporting activities Know the definitions and roles of the following: agonist, antagonist, fixator, antagonistic pairs. (Be able to link these terms to 2 different pairs and explain their partnership) Pg. 58 Apply movement of muscles to examples from sporting activities. (Link to specific examples given in revision guide) Pg. 58-9	Know the three classes of lever: 1st class neck, 2nd class ankle, 3rd class elbow. (Clearly draw and label each class, stating the Fulcrum, Load, Effort and Joint). Know how levers are used in physical activity Know the definition of mechanical advantage. Know the location of the planes of movement in the body: frontal, transverse, sagittal Draw and label each plane of movement and link to sporting examples . Understand how the planes link to sporting activities Know the location of the axes of rotation in the body: frontal, transverse, longitudinal. Draw and label each axes of rotation and link to sporting examples . Understand how the axes link to sporting activities	Understand the function and structure of the cardiovascular system (Draw and label a diagram of the heart). Know the double-circulatory system (systemic & pulmonary) Be able to explain the difference between each system . Know the different types of blood vessel: arteries, capillaries, veins. (Explain the role of each vessel). Understand the pathway of blood through the heart. Know the definition of: heart rate, stroke volume, cardiac output. (Applying to a sporting example and state what chances occur). Know the role of red blood cells. (What is the red of white blood cells- explain.) Understand the pathway of air through the respiratory system Know the role of respiratory muscles in breathing: diaphragm, intercostals. Know the definitions of: breathing rate, tidal volume, minute ventilation. (Applying to a sporting example and state what chances occur). Know the definitions of: aerobic exercise, anaerobic exercise Apply practical examples of aerobic & anaerobic activities in relation to intensity and duration. Pg. 70	Understand the short term effects of exercise on muscle temperature. Understand the short term effects of exercise on: heart rate, stroke volume, cardiac output Understand the short term effects of exercise on redistribution of blood flow Understand the short term effects of exercise on: respiratory rate, tidal volume, minute ventilation Understand the short term effects of exercise on oxygen to the working muscles, lactic acid production. Understand the long term effects of exercise on: bone density, muscle hypertrophy, muscular strength, muscular endurance. Understand the long term effects of exercise on: resistance to fatigue, hypertrophy of heart, rest HR, rest SV, Cardiac Output. Understand the long term effects of exercise on: rate of recovery, aerobic capacity, respiratory muscles, tidal vol, minute vol, capillarisation Be able to apply the long & short term effects to sporting examples (Explain key words in detail and how these are affected by exercise in the short and long term) Pg. 64-67 Explain both short and long term effects on the cardiovascular system, the respiratory system and the muscular system. Apply all short/ long term effects to sporting examples in detail (PEE). Pg. 64-67
	All page numbers given relate to GCSE OCR Revision booklet.				
	Internet – GCSE PE BITESIZE OCR Applied Anatomy and Physiology.				
Subject	Physical Activity Readiness Questionnaire	Preparation	Base level of Fitness	Design an Exercise Programme (3 weeks)	Design a Nutrition Plan (1 week)
V-CERT SPORT	What is it? Who uses it? What questions are on the questionnaire? Why do we use it? Suitability Is the participant suitable to exercise by looking at his/ her fitness results? How would you tailor your programme for your participant? What activities would you include to help improve your participant's fitness levels? Think about their ability and fitness level. Also, highlight what fitness components you would like the participant to focus on.	What are the main points to take into consideration when preparing an exercise programme? You need to include at least 5 points and explain your reasons.	You need to assess the participant's base level of fitness and break it down into strengths and weaknesses. You must refer to at least 3 components of fitness within this answer. Explain why his/her strengths would help him in his sport and how his weaknesses could prevent him.	You must include the following Warm Up Main Activity Cool Down Rest Days Think about the exercise you choose. Will they help improve his/her weaknesses? The exercise programme must be progressive throughout the whole programme. How can this programme improve over time? FITT principles	You must include the following: Breakfast Lunch Dinner Supper Snacks Drinks You must consider: Balanced diet The scenario What they want to improve? How can this diet change to help with boredom?

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Subject	A1 Factors affecting health and wellbeing	A1 Factors affecting health and wellbeing	A1 Factors affecting health and wellbeing	A1 Factors affecting health and wellbeing	A1 Factors affecting health and wellbeing
BTEC Health and Social Care	Learners will explore how factors can affect an individual's health and wellbeing positively or negatively □ Definition of health and wellbeing: a combination of physical health and social and emotional wellbeing, and not just the absence of disease or illness. □ Physical and lifestyle factors that can have positive or negative effects on health and wellbeing:	Learners will explore how factors can affect an individual's health and wellbeing positively or negatively o genetic inheritance, including inherited conditions and predisposition to other conditions o ill health (acute and chronic)	Learners will explore how factors can affect an individual's health and wellbeing positively or negatively. o diet (balance, quality and amount) o amount of exercise	Learners will explore how factors can affect an individual's health and wellbeing positively or negatively. o substance use, including alcohol, nicotine, illegal drugs and misuse of prescribed drugs	Learners will explore how factors can affect an individual's health and wellbeing positively or negatively. o personal hygiene.
Subject	LO1 Understand Reproduction and the roles and responsibilities of parenthood	LO2 Understand Antenatal care and preparation for birth	LO3 Understand Postnatal checks postnatal provision and conditions for development	LO4 Understand how to recognise , manage and prevent childhood illness	LO5 Know about child safety
Child Development	Pre-conception health Contraception	Antenatal checks Birth	Pre-term babies Post natal checks	Children in hospital Child hood illnesses	Online safety Childhood accidents
Subject	Food Safety	Diet, Nutrition and Health	Food Science	Food Provenance	Food Choice
Food Technology	Bacteria and Bacterial growth High Risk Foods Food Contamination	Macro Nutrients – Protein, Fats and Carbohydrates including fibre Micro Nutrients – Vitamins and Minerals Healthy Eating	Cooking Methods Functions of foods e.g. eggs	Food packaging Food Additives Primary Food processing	Cultures and customs Special diets Sensory Analysis Food Advertising
Subject	1 – Business in the Real World	3.2 – Influences on Business	3.3 – Business Operation	3.4 – Human Resources	
Business	Business planning Business Ownership Basic calculations Shareholders Location Revision guide/topic tasks on Student Share	Interest rates Unemployment Employment Law Consumer Protection Health and Safety Law Exchange Rates Globalisation Change in Technology Revision guide/topic tasks on Student Share	Production methods Just in Time (JIT) Revision guide/topic tasks on Student Share	Recruitment Span of Control Motivation Training Centralisation and Decentralisation Revision guide/topic tasks on Student Share	
Subject	System Architecture	Wired and Wireless Networks and Network Topologies, Protocols and Layers	Computational Logic	Translators and Facilities of languages	Data Representation
Computer Science	CPU, Fetch Decode Execute Cycle, CPU performance – how the CPU works and what the different registers are Memory RAM, ROM, Flash Memory, Virtual Memory – What they are, the differences between them You can use GCSE Bitesize, Craig and Dave and resources on Google Classroom	LAN/WAN, network performance, network hardware, Internet. Topologies, Ethernet and Protocols. You can use GCSE Bitesize, Craig and Dave and resources on Google Classroom	Logic Gates. Truth Tables, Boolean operators and Logic. Also what do MOD and DIV do Make sure you can draw the logic gates and explain what they do You can use GCSE Bitesize, Craig and Dave and resources on Google Classroom There are activities and revision sheets on Google Classroom for you to look at and complete.	What Assemblers, Compilers and interpreters are and the difference between them. What an Integrated Development Environment is (IDE) and the different levels of programming languages Algorithms To be able to create and understand a range of different algorithms	To convert Binary / Hexadecimal and Denary, Binary addition and overflow To understand what a character set is and explain the differences between them To be able to explain how images and sounds are represented in binary including Meta data, Sampling and colour depth / resolution To explain what compression is and the difference between lossy and lossless
Subject	Graphic Drawing:	Carbon Footprint:	Material knowledge and understanding:	Mathematical Skills in technology:	Packaging
Design Technology	Isometric drawing and rendering. Orthographic drawing Drawing styles	How can we reduce our carbon footprint? Alternative energies Reducing packaging. Impact on the environment	Groups and physical properties: Metals, Plastics and Woods, Manufactured boards Strength, Elasticity, Plasticity, Ductility, Tensile Strengthening, Malleability, Toughness, Hardness, Conductivity. Anthropometrics and ergonomics What do they mean?	Area of square Area of a rectangle Area of triangle Area and circumference of circles Ratios Bridges investigation: Structures of bridges	Reasons why we package products? What is on packaging Packaging symbols How packaging is manufactured. Types of materials used in packaging. Smart materials What is a smart or new material? Name and uses? Polymorph, SMA, D30, Thermo chromic ink

Year 11 Revision Timetable (October Mocks)

Subject	Performance component	Written paper	Topic 1	Topic 2	Topic 3	Topic 4	Topic 5							
Engineering	Material properties Strength, Ductility, Malleability, Hardness, Toughness, Brittleness, Stiffness, Stress, Strain, Young's modulus. Metals And Alloys Ferrous and Non-ferrous metals, Ores, The properties of:- Different types of steel, Aluminium, Copper, Brass, Lead, Zinc. Cold working, Heat treatment, Hardening and tempering, Corrosion, Material finishes. Available forms Ingots, Plate, Sheet, Bar, Tube, Wire.	Polymers Thermoplastics HDPE, PVC, LDPE, ABS, Acrylic, Thermosetting plastics, Epoxy, Polyester resin, Polyurethane, Vulcanised rubber. Composites Carbon fibre, Glass reinforced plastics, Plywood, Medium density fibreboard, Orientated strand board, Structural concrete. Mathematical understanding Material costings, Area of circles, Area of triangles, Area of complex shapes.	Factors influencing Design Energy requirements Obtaining the raw materials, Refining the materials, Changing the shape of materials, Changing the properties, Transporting the materials and products. Sources of energy Non-renewable sources, Fossil fuels, Oil, Coal, Gas, Renewable sources, Wind, Tidal, Hydro, Solar, Biomass, Nuclear Energy. Engineered lifespans Planned obsolescence, Maintenance of an engineered product. Reactive and proactive Maintenance. Mathematical understanding of Calculations using time and cost.	Engineering Manufacturing Processes Additive manufacturing Sintering, Rapid prototyping, Fused deposition, Stereolithography, Material removal, (Wasting) Cutting, Sawing, Shearing, Laser cutting, Drilling, Shaping, forming and Manipulation Bending, Folding, Press forming, Press moulding, Punching and stamping. Casting and moulding Sand casting, Die casting, Injection moulding. Joining and assembly Nuts and bolts, Rivets, Soldering, Brazing, Welding.	Engineering drawing. Schematic drawings Types of line, Thick, Thin, Dashed, Centre line (Chain) Title block, Orthographic symbol, Dimensioning, Orthographic drawing (third Angle), Hidden detail, Sectional views. CAD and CAM	Music	<ul style="list-style-type: none">• technical control• expression and appropriate interpretation• accuracy of rhythm and pitch• appropriate pace and fluency• effective use of dynamics• stylistic awareness• empathy (in ensemble playing)	<ul style="list-style-type: none">• Aural dictation, including pitch and rhythm; And the following general musical knowledge: <ul style="list-style-type: none">• melody• harmony• tonality• form and structure• dynamics• sonority• texture• tempo• rhythm• metre	Life	<ul style="list-style-type: none">• explain what is meant by 'financial planning' and other financial terms;• explain what is meant by the term 'money management';• outline the need for financial planning;• identify financial services providers and basic products;• identify sources of financial planning information and advice.• Compare and contrast different types of insurance	<ul style="list-style-type: none">• Explain personal factors that affect financial planning• Explain the term 'attitude to risk'• Describe the need to make changes to financial plans• Compare and contrast investment options thinking about volatility	<ul style="list-style-type: none">• Explain the difference between short, medium and long term planning.• Explain the importance of objectives and goals.• Describe why we review and adjust financial plans.• Describe the key features of the basic savings products.• Calculate compound interest• Calculate tax on Interest	<ul style="list-style-type: none">• Explain what is meant by the term 'budgeting'• Describe why budgeting is important• Explain how an individual can manage budgets	<ul style="list-style-type: none">• Explain how external factors can impact a budget.• Understand the impact of inflation on the UK economy and personal budgets.• Explain the impact of changes in interest and exchange rates.• Calculate the effect of changes to interest and exchange rates