

	Half term 1 Learning Overview	Half term 2 Learning Overview	Half term 3 Learning Overview	Half term 4 Learning Overview	Half term 5 Learning Overview	Half term 6 Learning Overview
English	<p>Macbeth and Paper 1 language</p> <p>Introduce Macbeth – context, plot, characters, themes, structure</p> <p>Read whole play with analysis</p> <p>Reading literary fiction and writing fiction (descriptive or narrative)</p>	<p>A Christmas Carol</p> <p>Analysis of 19th century novel</p> <p>Plot, character, theme, structure, context</p> <p>Paper 1 Literature</p>	<p>A Christmas Carol</p> <p>Analysis of 19th century novel</p> <p>Plot, character, theme, structure, context</p> <p>Paper 1 Literature</p>	<p>Lord of the Flies and Paper 2 Language</p> <p>Read Lord of the Flies – context, characters, plot, structure</p> <p>Non-fiction reading and writing – reading analysis and writing for a purpose</p>	<p>Power and Conflict/Unseen Poetry and Paper 2 Language</p> <p>Poetry analysis and comparison skills</p> <p>Unseen poetry analysis</p>	<p>Speaking and Listening</p> <p>Room 101 presentation</p> <p>Persuasive language – arguing a viewpoint</p>
Maths	<p><u>Foundation</u></p> <p>Volume and Surface Area of Prisms</p> <p>Finding volumes of prisms including cylinders.</p> <p>Linear Equations</p> <p>Solving linear equations including with brackets and where there are unknowns on both sides.</p> <p>Percentages and compound Measures</p> <p>Convert between fractions, decimals and percentages.</p> <p>Calculating percentages including with percentage increase and decrease and reverse percentages. Writing on number as a percentage of another and looking at compound measures like density, mass and volume.</p> <p>Percentages and Variation</p> <p>Simple interest and compound interest will be used to solve problems extending to reverse percentages. Direct proportion and inverse proportion problems will be covered.</p> <p><u>Higher</u></p>	<p><u>Foundation</u></p> <p>Representation and Interpretation</p> <p>Looking at how to take samples then moving to pie charts scatter diagram and finding averages from grouped data.</p> <p>Constructions and Loci</p> <p>Constructing triangles, bisectors and loci will be covered extending to problems involving these.</p> <p><u>Higher</u></p> <p>Combined Events</p> <p>Working out the probability of two outcomes or events occurring at the same time.</p> <p>Using tree diagrams to work out the probability of combined events, using and or rules to work these out and then extending o conditional probability.</p> <p>Properties of Circles</p> <p>Using circle theorems to find missing angles and solve problems.</p>	<p><u>Foundation</u></p> <p>Curved Shapes and Pyramids</p> <p>Finding the area and perimeter of sectors, then finding volumes of pyramids cones and spheres.</p> <p>Number and Sequences</p> <p>Looking for patterns in numbers finding the nth term of a linear sequence and then looking at special sequences like the Fibonacci sequence.</p> <p>Right Angled Triangles</p> <p>Using Pythagoras’ theorem to find longest and shorter sides, then applying to different situations. Finding missing sides and angles using trigonometry, then extending this to use bearings.</p> <p><u>Higher</u></p> <p>Variation</p> <p>Solving direct and inverse proportion problems algebraically.</p> <p>Triangles</p> <p>Using trigonometry to find missing sides and angles in non-right angled triangles. Using the sine rule to find the area of a triangle.</p>	<p><u>Foundation</u></p> <p>Congruence and Similarity</p> <p>Demonstrating congruency and then using similarity to find missing sides.</p> <p>Combined Events</p> <p>Working out probability with two or more events occurring.</p> <p>Looking at how we can use two way tables and venn diagrams with probability. Using tree diagrams to find probabilities in combined events.</p> <p><u>Higher</u></p> <p>Graphs</p> <p>Drawing distance –time and velocity-time graphs and using these to solve problems. Using graphs to estimate the rate of change. Finding the equation of a tangent to a circle. Looking at non-linear graphs and how transformations affect the graphs.</p>	<p><u>Foundation</u></p> <p>Powers and Standard form</p> <p>Write numbers as powers of another. Use laws of indices to calculate with numbers in index form. Writing very large or small numbers in standard form and calculating with these.</p> <p>Simultaneous Equations and Linear Inequalities</p> <p>Solve simultaneous equations using the elimination and substitution methods. Using simultaneous equations to solve problems. Solving inequalities.</p> <p><u>Higher</u></p> <p>Algebraic Fractions and Functions</p> <p>Simplifying and calculating with algebraic fractions and then extending to solve equations.</p> <p>Changing the subject of a formula where the subject appears more than once.</p> <p>Introducing and using function notation and then extending to using this to find composite functions. Use iterations to solve equations.</p>	<p><u>Foundation</u></p> <p>Non-linear Graphs</p> <p>Drawing distance-time graphs, plotting quadratic graphs, cubic and reciprocal graphs.</p> <p>Factorising quadratics and then extending to solving quadratics understanding how this relates to the quadratic graph.</p> <p><u>Higher</u></p> <p>Vector Geometry</p> <p>Add and subtract vectors and use them to solve geometric problems.</p>

	<p>Counting Accuracy, powers and surds Converting recurring decimals to fractions, estimating powers and roots and calculation with negative and fractional powers. Calculations with surds including simplifying, multiplying and rationalising the denominator. Finding error intervals for rounding numbers and solving problems involving these. Quadratic Equations Plotting quadratic graphs, then moving to solve quadratic equations using factorising, the quadratic formula and completing the square. Linking the solutions to quadratics to the specific points on the graph. Solving simultaneous equations with a quadratic using the graph and algebraically. Solving quadratic inequalities. Sampling and more complex Diagrams Understand sampling, creating frequency polygons, cumulative frequency diagrams, box plots and histograms.</p>					
Science Biology	<p>Infection & response Understanding how we can avoid diseases and how our body uses barriers against pathogens.</p>	<p>Homeostasis Exploring the structure and function of the nervous system works & how it can bring about fast responses</p>	<p>Homeostasis The role of hormones in reproduction and in plants</p>	<p>Ecology Understanding how materials are recycled, being released and decomposed.</p>	<p>Ecology How humans are threatening biodiversity as well as the natural systems that support it.</p>	
Science Chemistry	<p>Quantitative chemistry Calculations & analysis to determine the formula of compounds and equations for reactions</p>	<p>Energy changes Exploring exothermic & endothermic reactions and the transfer of energy due to bond being broken and made.</p>	<p>Chemistry of the atmosphere Evolution of the atmosphere from the Earth's early atmosphere</p>	<p>Rate of chemical change Factors affecting the rate and extent of chemical reactions</p>	<p>Rate of chemical change Equilibrium reactions, the conditions affecting it and knowing how to maximise yield</p>	<p>Chemical analysis Chemical testing and its advantages and disadvantages</p>

Science Physics	Forces I Understanding the differences between vectors, scalars, work done and energy transfers & Hookes law	Forces II Newtons laws, forces and braking Velocity-time and distance-time graphs Acceleration momentum	Forces II Moments, levers and gears, pressure in fluids	Waves Understanding the properties of waves	Waves Electromagnetic spectrum properties and applications. Lenses and black body radiation	Space Life cycle of a star, planets, satellites & orbits
Geography	Hazards Part 1. Describe the processes associated with tectonic hazards. Assess the effects, responses and management of tectonic hazards. Explain the processes that influence weather, climate and tropical storms. Extended writing opportunities.	Hazards Part 2. Describe the weather hazards and extreme weather events found in the UK Explain the issues surrounding climate change. End of unit test.	Economic World 1. Assess the impact of major changes in the economy of the UK. Discuss the impact of major changes in the economy of the UK. To what extent can we measure development? Extended writing opportunities.	Economic World 2. Discuss the reasons for and ways to reduce the development gap. Describe how rapid economic growth can lead to significant change. End of unit test.	Living world and cold environments. Explain how a cold environment has a range of distinctive features. To make a reasoned judgement to the issues caused by developing a fragile environment. End of Unit test.	Fieldwork – Hornsea. To plan, collect data, present data, analyse data and evaluate one enquiry. Extended writing opportunity for the conclusion and evaluation.
History	Norman society – structure and hierarchy, including landholding, economics (Domesday), peasant life and town life	Norman Church – structure and hierarchy; papal relations across the three Norman monarchs; monasticism; education and language.	Germany, 1890-1918 (The Kaiser Years). Why did monarchy fail? What role did WWI play in the establishment of a republic?	Germany, 1918-1929 (The Weimar Republic) The challenges that the new republic faced vs the solutions.	Germany, 1929-1934 (The Rise of Hitler) Why did the Weimar fail to cope with the economic challenges? Why did Hitler become Fuhrer?	Germany, 1934-45 (Nazi Germany). How did the Nazis control society, economics and culture? Includes persecution of minorities.
Spanish	<u>My local area</u> Places in a town Shops Souvenirs Describing the features of a region <i>Grammar: modal verbs</i>	<u>Cities</u> Planning what to do Shopping for clothes and presents <i>(E-safety – using online shopping safely)</i> Talking about problems in a town Describing a visit in the past <i>Grammar: future and past tenses</i>	<u>Daily routine</u> Describing meal times Daily routine activities Illness and injuries Asking for help at the pharmacy <i>Grammar: reflexive verbs</i>	<u>Customs & Festivals</u> Typical foods Comparing different festivals Describing a special day Ordering at a restaurant Music festivals <i>Grammar: using Usted & preterit tense</i>	<u>Work experience & earning money</u> Talking about different jobs How you earn money Work experience <i>(E-safety – sending formal emails)</i> Applying for a summer job <i>Grammar: combining imperfect/preterit tense</i>	<u>Future plans</u> Importance of learning languages Writing a formal letter Discussing gap years Plans for the future <i>Grammar: future and conditional tenses</i>

Art	Life cycles Pupils continue portraiture unit, looking at various artists: Kris Trappeniers, Lionel Smit	Life Cycles Pupils learn skin colour and apply it accurately. Florian Nicolle	Independent focus: Life Cycles Pupils start sketch books and start their independent journeys for their coursework.	Independent focus: Life Cycles Pupils start sketch books and continue their independent journeys for their coursework, guided by teacher in formative assessment.	Independent focus: Life Cycles Pupils start sketch books and continue their independent journeys for their coursework, guided by teacher in formative assessment. Development is started	Independent focus: Life Cycles Development for 10 hour exam.
Creative iMedia	Creative Imedia Creating IMM Product R087 Learning Outcome 1 Understand the uses and properties of interactive multimedia products	Creative Imedia Creating IMM Product R087 Learning Outcome 2 Be able to plan interactive multimedia products	Creative Imedia Creating IMM Product R087 Learning Outcome 2 Be able to plan interactive multimedia products	Creative Imedia Creating IMM Product R087 Learning Outcome 3 Be able to create interactive multimedia products	Creative Imedia Creating IMM Product R087 Learning Outcome 4 Be able to review interactive multimedia products	Creative Imedia Interactive MM R081 Prep for next year exam R081
Computer Science	Computer Science 9-1 Paper 1 1.5 Network Topologies	Computer Science 9-1 Paper 1 1.6 Security Systems	Computer Science 9-1 Paper 1 1.7 Systems Software	Computer Science 9-1 Paper 1 1.8 Ethical and Legal in CS	Computer Science 9-1 Paper 2 2.2 Programming and NEA	Computer Science 9-1 Paper 2 2.2 Programming and NEA
DT/Engineering	Design brief, design specification and user requirements	Design brief, design specification and user requirements	Product analysis and research. Examples of coursework.	Product analysis and research final coursework	Improvements to coursework. Developing and presenting engineering designs.	Developing and presenting engineering designs. (final coursework)
Drama	<u>Component 1 Section A: Understanding Drama</u> -Course outline and how you will be assessed. -Common features of a play -Page to stage – vocal and physical skills -Design Skills -Theatre Roles and terminology -Stage Positioning -Stage Configurations -Form and Genre -Dramatic Structure	<u>Component 2</u> Devising Drama (final piece) Including work of practitioners: • Artaud • Brecht • Stanislavski <u>ADDITIONAL DEPTH</u> <i>What is a stimulus? How do we use it? Researching ideas. Creating a plot line.</i>	<u>Component 2</u> Devising Drama (final piece) Including work of practitioners: • Artaud • Brecht • Stanislavski <u>ADDITIONAL DEPTH</u> <i>What is a stimulus? How do we use it? Researching ideas. Creating a plot line.</i>	<u>Component 2</u> Devising Drama (final piece) Including work of practitioners: • Artaud • Brecht • Stanislavski <u>ADDITIONAL DEPTH</u> <i>What is a stimulus? How do we use it? Researching ideas. Creating a plot line.</i>	<u>Component 1 Section C</u> Live performance seen The Woman in Black (6th May 2020 Theatre Royal Nottingham) Evaluating the work of other theatre makers. How the actor uses vocal / physical skills to create a character?	<u>Component 1 Section B and C:</u> Blood Brothers Live performance seen. Recap and consolidate knowledge. Identify and fill gaps, assessment preparation.

	<p>-Theatre Conventions -Characterisation</p> <p>Component 1 Section B Blood Brothers</p> <p>Taught in the single lessons and through the knowledge organiser</p> <p>DEVELOP: -Contextual, social, and political significance of Blood Brothers.</p> <p>Role of the narrator and the music in the production.</p> <p>Message that Willy Russell is trying to communicate about Nature/Nurture, Social Class, treatment of the working classes.</p>	<p><i>What do we want to tell the audience?</i></p> <p>Performance style Plot line / climax / resolution Characterisation</p> <p>DEVELOP: Keeping a log of ideas.</p>	<p><i>What do we want to tell the audience?</i></p> <p>Performance style Plot line / climax / resolution Characterisation</p> <p>DEVELOP: Keeping a log of ideas.</p> <p>Component 1, Section B - Contextual, social, and political significance of Blood Brothers. Message that Willy Russell is trying to communicate about Nature/Nurture, Social Class, treatment of the working classes.</p> <p>DEVELOP: -Understanding of themes. Money, class, love, women</p>	<p><i>What do we want to tell the audience?</i></p> <p>Performance style Plot line / climax / resolution Characterisation</p> <p>DEVELOP: Keeping a log of ideas.</p> <p>Component 1, Section B - BB Single lessons and KO</p> <p>DEVELOP: -Understanding of themes. Depression, jealousy, family.</p> <p>DEvised ASSESSMENT DATE MONDAY 23RD MARCH 2020</p>	<p>DEVELOP: Design skills: How lighting / sound/ set/ costume are used?</p>	
Catering	<p>Future chef The structure of the hospitality and catering industry.</p>	<p>Working conditions in the hospitality and catering industry.</p>	<p>Front of house service Food safety legislation</p>	<p>Food poisoning and the environmental health officer.</p>	<p>Revision and unit 1 exam</p>	<p>Unit 2 coursework begins: nutrition.</p>
Music	<p>Recap of Year 9 and AOS 2</p> <ul style="list-style-type: none"> • DRSMITTH • Theory Baseline Assessment • Recap of set work 3 & 4 <p>Performance Practice</p>	<p>Assessment Week Free Brief Composition 2</p> <ul style="list-style-type: none"> • Composition log • Exploring how to write for different genres. <p>Performance Practice</p>	<p>AOS 3</p> <ul style="list-style-type: none"> • Wicked – Defying Gravity • John Williams – Star Wars Main Title <p>Mock Performance</p>	<p>Practice Set Brief 2</p> <ul style="list-style-type: none"> • Composition log • Exploring how to write for a set brief <p>Performance Practice</p>	<p>AOS 4</p> <ul style="list-style-type: none"> • Afro Celt Sound System – Release • Esperanza Spalding – Samba Em Preludio <p>Performance Practice</p>	<p>Assessment Week Free Brief Composition 3</p> <ul style="list-style-type: none"> • Composition log • Exploring how to write for different genres. <p>Mock Performance</p>
PE - core	<p><i>Teamwork, communication & competition</i> Netball, Handball (G) Dance, Rugby, Fitness (B)</p>	<p><i>Teamwork, communication & competition</i> <i>Individual performance & presentation</i> Table tennis, gymnastics (G) Football, basketball (B)</p>	<p><i>Performance & presentation</i> <i>Improving fitness</i> <i>Teamwork, communication & competition</i> Dance, fitness (G)</p>	<p><i>Performance & presentation</i> <i>Teamwork, communication & competition</i> <i>Intro to year 11 options process</i> Rugby (G) + options</p>	<p><i>Striking and fielding</i> <i>Transferrable skills</i> Rounders Cricket Softball</p>	<p><i>Competitive athletics (ESAA Awards)</i> <i>Sports day prep</i> 3 X throw 3 X jump 3 X track</p>

			Fitness, rugby (B)	Dance (B) + options		
PE - GCSE	Participation within sport Media, commercialisation and sponsorship Revision for end of unit test	Sportsmanship, gamesmanship & Deviance Violence within sport Performance enhancing drugs Cycling Revision for end of unit test	Characteristics and classification of skills Movement Analysis Goal Setting	Mental Preparation Feedback Guidance Revision for end of unit test	Diet and hydration Social, Physical and Emotional benefits of exercise Loughborough Trip (Fitness testing, Diet & Psychology)	Preparation for AEP Revision for end of unit test (J587/01 & J587/02)
Philosophy & Ethics	Core Christian Beliefs and Teachings Creeds Denominations Nature of God Full Course Christian Practices Worship Holy Communion	Core Christian Beliefs and Teachings Trinity Full Course Christian Practices Baptism Festivals Pilgrimage	Core Christian Beliefs and Teachings Life after death Incarnation Full Course Religion and Life Sanctity of life	Core Christian Beliefs and Teachings Crucifixion Resurrection Ascension Full Course Religion and Life Abortion	Core Religion and Relationships Sexual ethics Contraception Full Course Religion and Life Euthanasia Hospice Animal Testing	Core Religion and Relationships Marriage Homosexuality Divorce Full Course Religion and Life Creation Big Bang Evolution Environment