

Year 10 Curriculum Overview 2020-21							
	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6	
English	Topic	Macbeth Shakespeare	Sign of Four Nineteenth Century Novel	An Inspector Calls Modern Play	AQA Power and Conflict Anthology Poetry	AQA Power and Conflict Anthology Poetry	Unseen Poetry
	Content	<ul style="list-style-type: none"> Conventions of Shakespearean theatre and tragedy. Understanding of plot and key characters, Macbeth and Lady Macbeth. Interpretation of dramatic and literary devices, including the concept of a tragic hero and Macbeth's decline and eventual fall. 	<ul style="list-style-type: none"> Conventions of the Victorian novel and the role of the detective novel, within the social and historical context. Explicit teaching of Victorian vocabulary and stylistic devices specific to Conan Doyle. Analysis of the relationship between the main protagonist Sherlock Holmes, and his foil, Dr Watson. 	<ul style="list-style-type: none"> Understanding literary and dramatic conventions. Exploring the social and historical context of Pre World War I British Society and the class system. Analysing the characters of the Birling family and Eva Smith, within the framework of capitalism and socialism. 	<ul style="list-style-type: none"> A collection of fifteen poems exploring poets' perspectives on power and conflict. Identification and analysis of poetic techniques. Each poem is taught and annotated in depth, using poetic devices. 	<ul style="list-style-type: none"> Creation of thesis ideas surrounding the poems and engagement with the bigger societal and thus universal message behind each poem. Clustering the poems with the themes of power and conflict whilst starting to draw comparisons across the poems. Comparative essays of the poems and their ideas about power and/or conflict. 	<ul style="list-style-type: none"> Methods of ways to approach unseen poetry, through exposure to a collection of un-seen poems. Identification of poetic techniques in un-seen poetry. Analysis of above poetic techniques.
Maths	Topic	Higher: Algebra Ratio, Proportion & Rates of Change Geometry & Measure Foundation: Algebra Geometry & Measure	Higher: Algebra Geometry & Measure Foundation: Algebra Geometry & Measure	Higher: Probability Statistics Geometry & Measure Number Ratio, Proportion & Rates of Change Foundation: Probability Geometry & Measure Number	Higher: Geometry & Measure Number Ratio, Proportion & Rates of Change Foundation: Number Ratio, Proportion & Rates of Change Geometry & Measure Algebra	Higher: Geometry & Measure Algebra Statistics Ratio, Proportion & Rates of Change Foundation: Algebra Statistics	Higher: Geometry & Measure Foundation: Geometry & Measure
	Content	<ul style="list-style-type: none"> Higher: Rearrange formulae Linear Graphs $y = mx + c$ Compound Measures Pythagoras Properties of shapes Foundation: Rearrange formulae Linear Graphs $y = mx + c$ Compound Measures Pythagoras Properties of shapes 	<ul style="list-style-type: none"> Higher: Quadratic graphs, TP and roots Further expanding & factorising Linear Simultaneous Equations Further graphs Parallel lines Perimeter & Area Foundation: Quadratic graphs, TP and roots Linear Simultaneous Equations Further graphs Parallel lines Perimeter & Area 	<ul style="list-style-type: none"> Higher: Probability Capture & Recapture Angle facts Standard Form Proportion (further) Circles Foundation: Probability Angle facts Standard Form Circles 	<ul style="list-style-type: none"> Higher: Surds Recurring decimals Bounds Growth & Decay Volume & Surface Area Foundation: Simple interest Ratio (further) Growth & Decay Volume & Surface Area 	<ul style="list-style-type: none"> Higher: Sequences Statistics - no higher Simple interest Ratio (further) Foundation: Sequences Statistics 	<ul style="list-style-type: none"> Higher: Right angled Trigonometry Plans & elevations Basic vectors Constructions & Loci Similar shapes Foundation: Plans & elevations Basic vectors Constructions & Loci
Science	Topic	Conservation and dissipation of energy Organisation of structures and the digestive system Bonding, structure and the properties of matter	Energy transfer by heating and energy resources Organisation in plants and animals plus Communicable diseases Chemical changes	Electric circuits and electricity in the home Communicable diseases continued Chemical changes and energy changes	Electricity in the home and radioactivity Non-communicable diseases and respiration Energy changes and the rate and extent of chemical change	Forces Homeostasis and the nervous system The rate and extent of chemical change plus quantitative chemistry	Forces Hormonal coordination Quantitative chemistry and reversible reactions
	Content	<ul style="list-style-type: none"> Energy stores and energy transfers Digestive system, food tests and enzymes Ionic and covalent bonding, the structure of carbon 	<ul style="list-style-type: none"> Heat transfers and renewable/non-renewable resources Blood, the heart, plant transport systems, health and disease Acids and metals, displacement reactions, preparation of salts 	<ul style="list-style-type: none"> Series and parallel circuits; paying for electricity Viral and bacterial diseases, communicable diseases vaccination and antibiotics Preparation of salts, electrolysis, endothermic and exothermic reactions 	<ul style="list-style-type: none"> Electrical safety Atomic structure and radioactive decay Smoking, alcohol and drugs, rate of photosynthesis, aerobic and anaerobic respiration Endothermic and exothermic reactions, bond energies, the effect of temperature, pressure and concentration on the rate of a reaction 	<ul style="list-style-type: none"> Vectors. Elasticity, equations of motion Homeostasis, structure of the nervous system, the brain and the eye Catalysts, reversible reactions, Ar and Mr, chemical equations, reacting masses, solutions 	<ul style="list-style-type: none"> Acceleration, gravity and weight Principles of hormonal control, control of blood glucose levels, human reproduction, control of fertility Le Chatelier's principle, solutions, balancing equations
Geography	Topic	Living with the Physical Environment - The Challenge of Natural Hazards		Living with the Physical Environment – Physical Landscapes in the UK		Living with the Physical Environment - The Living World	Challenges in the Human environment. Urban issues and challenges
	Content	<ul style="list-style-type: none"> Distribution of earthquakes and volcanoes. Physical Processes at plate margins and the effects of and responses to earthquakes. Reducing risk of tectonic hazards. Global atmospheric circulation and tropical storms. 	<ul style="list-style-type: none"> Typhoon Haiyan and its impacts. Weather Hazards in the UK including Somerset Levels flooding. Climate change, including its human and natural causes. Managing the impact of climate change. 	<ul style="list-style-type: none"> UK relief and landscape Waves Weathering and mass movement Erosion processes Erosion features Deposition features/landforms Case study Swanage Management of coasts 	<ul style="list-style-type: none"> Case study – Lyme Regis Rivers- long profile Processes Landforms Case study Tees Flooding Managing rivers Case study Banbury 	<ul style="list-style-type: none"> Small scale and global ecosystems Characteristics of rainforests Case study Malaysia Managing rainforests sustainably Cold environments; challenges and opportunities Case study Svalbard Managing cold environments 	<ul style="list-style-type: none"> Changes in the urban world Mega cities Case study Rio NEE – issues and challenges Management for sustainability Urban changes in the UK HIC Case study Bristol Social, economic and environmental challenges and opportunities

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History	Topic	Conflict and Tension: the inter-war years, 1918-1939	Conflict and Tension: the inter-war years, 1918-1939	Germany 1890-1945: Democracy and Dictatorship/Conflict and Tension: the inter-war years, 1918-1939	Germany 1890-1945: Democracy and Dictatorship	Germany 1890-1945: Democracy and Dictatorship	Britain: Health and the people: c1000 to the present day
	Content	<ul style="list-style-type: none"> • Treaty of Versailles- why was it fair/unfair? • League of Nations- why did it fail? • Manchurian/Abyssinian Crisis • Appeasement 	<ul style="list-style-type: none"> • Hitler's Foreign Policy • Nazi-Soviet Pact • Steps to WW2 	<ul style="list-style-type: none"> • Treaty of Versailles • Weimar Republic- struggles the Republic faced. • Ruhr Crisis and hyperinflation • Who was Gustav Stresemann? • Consequences of the Great Depression. 	<ul style="list-style-type: none"> • Rise of the Nazi Party • Munich Putsch • Hitler's Political Deal • Reichstag Fire • How did Hitler consolidate his power? 	<ul style="list-style-type: none"> • Life in Germany for women and children • How Hitler kept control through propaganda and terror. • How did Hitler affect the economy? • How did Hitler break the Treaty of Versailles? • What caused the Holocaust? 	<ul style="list-style-type: none"> • Galen and Hippocrates • The Theory of Four Humours • The Theory of Opposites • Why were Medieval towns so unhealthy? • Black Death • Edward Jenner- invention of vaccinations
RS	Topic	Islam & Christianity	Islam & Christianity	Christian Practices	Religion and Life	Religion and Life –Islam & Christianity	Islam Practices
	Content	<ul style="list-style-type: none"> • Crime & punishment • Reasons for crime • Attitudes to lawbreakers • Different types of crimes • Three aims of punishment • Religious attitudes to suffering & causing suffering to others • Treatment of criminals – prison, corporal punishment. 	<ul style="list-style-type: none"> • Religious attitudes to forgiveness • Religious attitudes to the death penalty • Worship • Prayer • The sacraments: Baptism • The sacraments: Holy Communion • Celebrating Holy Communion • Pilgrimage, Iona, Lourdes • Celebrating festivals 	<ul style="list-style-type: none"> • Role of the Church in the local community: Street Pastors • Place of mission & evangelism • Church growth • Importance of the worldwide Church • Christian persecution • Church's response to world poverty 	<ul style="list-style-type: none"> • The origins of the universe • The Design argument • The First Cause argument • The value of the world • The use & abuse of the environment 	<ul style="list-style-type: none"> • Pollution • The use & abuse of animals • The origins of human life • Abortion • Euthanasia • Death & the Afterlife 	<ul style="list-style-type: none"> • The Five Pillars of Islam • The Ten Obligatory Acts and the Shahadah (Declaration of Faith) • Salah (Daily Prayers) • Sawm (Fasting) and Ramadan • Zakah (Almsgiving) • Hajj (Pilgrimage) • Jihad (internal & external struggle) • Festival of Id-ul-Adha • Festival of Id-ul-Fitr • Festival of Ashura
Spanish	Topic	Holidays	School	Interests and influences	Customs	Revision of Modules	
	Content	<ul style="list-style-type: none"> • Activities in the summer • How you spend your holidays • A visit in the past • Reserving a room • Talking about a disastrous holiday 	<ul style="list-style-type: none"> • Talking about subjects and teachers • Describing your school • School rules • The future tense to describe an exchange • Clubs and successes 	<ul style="list-style-type: none"> • Tv and hobbies • Sports and sport personalities • What is trending • A trip to the cinema • Role models 	<ul style="list-style-type: none"> • Talking about typical foods • Festivals • Using the past tense to talk about a special day • Ordering a meal in a restaurant • Talking about a music festival 	<ul style="list-style-type: none"> • 2 and 5 studied in year 9 	<ul style="list-style-type: none"> •
IT	Topic	Systems architecture Algorithms	Data storage Programming fundamentals	Boolean Logic Data storage – numbers and characters	Memory Programming techniques	Networks and topologies Practical programming skills	Wired and wireless networks Protocols and layers
	Content	<ul style="list-style-type: none"> • The CPU • Von Neumann Architecture • Introduction to coding using Python 	<ul style="list-style-type: none"> • Images and sound • Compression of data • Further Python coding 	<ul style="list-style-type: none"> • Conditional logic • Computational thinking • Optimisation of storage 	<ul style="list-style-type: none"> • Primary and secondary storage • Programming fundamentals • Additional programming techniques 	<ul style="list-style-type: none"> • Home and work networks • Loops and conditional coding 	<ul style="list-style-type: none"> • Wired networks • Wireless networks including phone networks • The internet
Music	Topic	Introduction to GCSE - developing skills in Performing, Composing and Appraising.	Popular Music (Including introduction to new set work 'Africa' by Toto)	Music for Ensemble	Forms and Devices (Including an introduction to new set work 'Badinerie') by Bach	Film Music	Free Composition and initial performance
	Content	<ul style="list-style-type: none"> • The Musical Elements • Notations and theory • Solo and Ensemble performanc 	<ul style="list-style-type: none"> • Rock and Pop • Some musical features of Rock and Pop music • Music fusion • Bhangra • Information about the set work 'Africa' for detailed study 	<ul style="list-style-type: none"> • The meaning of sonority, timbre and texture • Chamber music ensembles • Ensembles in musical theatre • Jazz and Blues ensembles 	<ul style="list-style-type: none"> • The 'Western Classical Tradition' and why it is important • Typical musical devices used by composers • Information about the set work 'Badinerie' for detailed study 	<ul style="list-style-type: none"> • The origin of film music • How music for film is created and developed • The function of music in movies • The use of the musical elements to create different moods and effects 	<ul style="list-style-type: none"> • Students will undertake independent practice in order to prepare a Solo/ensemble Performance
Art	Topic	Drawing assessment Drawing Book Project	Book Project	Book Project	Mock Exam Project	Mock Exam Project	Mock Exam Project Drawing Final Major Project
	Content	<ul style="list-style-type: none"> • Formal elements • Artist research and responses • Media experimentation • Large and small scale responses • Exploring techniques and processes 	<ul style="list-style-type: none"> • Formal elements • Artist research and responses • Media experimentation • Large and small scale responses • Exploring techniques and processes 	<ul style="list-style-type: none"> • Formal elements • Artist research and responses • Media experimentation • Large and small scale responses • Exploring techniques and processes • Final outcome 	<ul style="list-style-type: none"> • Choosing starting points • Choosing appropriate artists • Artist research and analysis • Media experimentation • Formal elements • Exploring techniques and processes 	<ul style="list-style-type: none"> • Formal elements • Artist research and analysis • Exploring media and techniques • Responding to artists • Final outcome/s 	<ul style="list-style-type: none"> • Formal Elements • Artist research and analysis • Artist responses • Drawing, recording and responses • Media experimentation

					• Responding to artists		
PE	Topic	Fitness and Body Systems Health, Fitness and Wellbeing	Fitness and Body Systems Health, Fitness and Wellbeing	Fitness and Body Systems Health, Fitness and Wellbeing	Fitness and Body Systems Health, Fitness and Wellbeing Personal Exercise Programme	Fitness and Body Systems Health, Fitness and Wellbeing Personal Exercise Programme	Fitness and Body Systems Health, Fitness and Wellbeing
	Content	<ul style="list-style-type: none"> • The Structure and functions of the musculo-skeletal system • Physical, emotional and social health, fitness and well-being • The consequences of a sedentary lifestyle • Energy use, diet, nutrition and hydration 	<ul style="list-style-type: none"> • The structure and functions of the cardio-respiratory system • Anaerobic and aerobic exercise • Classification of skills • The use of goal setting and SMART goals to improve performance • Guidance and feedback on performance 	<ul style="list-style-type: none"> • The short and long term effects of exercise • Lever systems • Planes and axis of movements • Engagement patterns of different social groups in physical activity and sport • Commercialisation of physical activity and sport 	<ul style="list-style-type: none"> • The relationship between health and fitness and the role exercise plays in both • Components of fitness, benefits for sport and how fitness is measured and improved • Ethical and socio-cultural issues in physical activity and sport • Designing a Personal Exercise Programme 	<ul style="list-style-type: none"> • The principles of training and their application to personal exercise / training programmes • The long-term effects of exercise • Carrying out and monitoring the PEP 	<ul style="list-style-type: none"> • How to optimise training and prevent injury • Effective use of warm-up and cool down • Evaluating the PEP
Photography	Topic	Introduction to Photography	Language of Photography	Abstraction Project 1	Abstraction Project 2 / Puzzel'Em project	Light as the subject project / The art of destruction: Exploring manipulated studio portraits with Rankin and his collaborators	Starting Final Major Project
	Content	<ul style="list-style-type: none"> • Compositional Rules • For • mal Elements • Wrong • Camera Functions • Experiments • Photograms 	<ul style="list-style-type: none"> • Analysis of images • Visual language • Semiotics • Camera settings • Lighting 	<ul style="list-style-type: none"> • Artist / Photographer research techniques. • Planning effective responses to work. • Applying compositional techniques. • Applying formal elements. 	<ul style="list-style-type: none"> • Presenting final outcomes • Evaluating outcomes. Puzzel'Em project: <ul style="list-style-type: none"> • Camera angles / viewpoints • Composition • Editing 	<ul style="list-style-type: none"> • Study of light and notice the differences between morning and evening light, hard and soft light. • Understand how manipulating light can create mood and atmosphere in a photograph. • Learn how to create images where light is one of the key 'characters' in the piece. • Understand how to use exposure compensation settings on cameras and phones to best capture light. 	<ul style="list-style-type: none"> • Assessment objectives • Mind mapping • Planning • Research • Artist work
PSHE	Topic	Health and Wellbeing	Health and Wellbeing	Relationships	Relationships	Living in the wider world	Living in the Wider World
	Content	<ul style="list-style-type: none"> • Managing tough times • Suicide • Social anxiety • Social media and self-esteem • Screen time 	<ul style="list-style-type: none"> • Managing time • Living sustainably • Homelessness • Hate crime • Tattoos and piercings • Binge drinking 	<ul style="list-style-type: none"> • Conflict management • Forced marriage • Harassment and stalking • Revenge porn • Relationships with role models 	<ul style="list-style-type: none"> • Same sex relationships • Gender and trans identity • Community cohesion • Sexism • Parenting 	<ul style="list-style-type: none"> • The 'right' career for me • Employability skills and CVs • STEM • Preparing for work experience • Rights and responsibilities • International Women's Day 	<ul style="list-style-type: none"> • Criminal Justice System • Antisocial behaviour • County lines • Money laundering • Overt and covert racism • Fake news