

Year 8	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
English	W: Gothic literature Autobiography AP: Descriptive writing	R: Play: War Horse by Michael Morpugo Oracy: Monologues AP: Spoken language	R: Novel: Stone Cold by Robert Swindells	R: Poetry from Different Cultures and Traditions AP: Reading assessment	R: An introduction to Shakespeare and tragedy	W: Non-Fiction: Writer's voice and leadership
Maths	Growth and landscape design <ul style="list-style-type: none"> Number Lines and angles 	Representing Real life <ul style="list-style-type: none"> Expressions and equations Real life graphs 	Moving House <ul style="list-style-type: none"> Area and volume Decimals and ration 	Numerical relationships <ul style="list-style-type: none"> Calculations with fractions Straight line graphs 	The Economy <ul style="list-style-type: none"> Statistics, graphs and charts Percentages, decimals and fractions 	Bridging the gap <ul style="list-style-type: none"> Introduction to abstract GCSE topics Compound units and inequalities
Science	Working Scientifically Students revisit key scientific skills from their year 7 studies and build further to consider accuracy, errors and bias. Fuel in Foods Students consider the energy stores within food sources and the efficiency of different food supplies. Nutrition Students develop awareness of the	The Periodic Table Students study the discovery of different elements found in the Periodic Table. Students begin to consider what is meant by "reactivity" and perform simple comparisons of elements found in group 1, 7 and 0 of the Periodic Table. Magnets Students study how different magnetic poles interact and how	Types of Pressure Students consider how particles can exert forces within and on different substances and surfaces. Breathing Students develop awareness of mechanical processes involved in gas exchange in humans. Elements and Reactions Students begin to develop skills in	Respiration Students develop awareness of the difference between breathing and respiration. Students also apply their knowledge of chemical reactions to understand what happens to different compounds during respiration. Forces Students study different types of forces and their	DNA and Inheritance Students explore the discovery and structure of DNA and how genetic information is passed to offspring. Light Students investigate how light waves interact with different surfaces and how objects appear with different colours. Student explore the structure and function of the eye, vision impairments and technological	Health Students explore the impacts of smoking, asthma, diabetes and recreational drugs on the human body and quality of life. Motion Students explore how balanced and unbalanced forces impact the movement of objects, and how journeys can be represented graphically. Separation Techniques Students explore how mixtures can be separated through different techniques.

	<p>structure of the human digestive system and how food is broken down within the body. Students investigate different molecular compounds found within foods.</p>	<p>magnets can be turned into electromagnets and their uses. Students also study natural phenomenon caused by magnetic fields, including the Northern Lights</p> <p>Energy Resources and The Environment</p> <p>Students consider how different resources impact the environment and how resources can be cycled through the environment.</p>	<p>producing written word and symbol chemical equations. Students then apply their skills to understanding what happens when metals react with water, acids and oxygen.</p>	<p>effects in different scenarios. Students explore how turning forces are caused and utilised in the real world.</p> <p>Real World Reactions</p> <p>Students apply their knowledge of reactions to industry processes.</p>	<p>advancements to support common medical issues concerning vision.</p> <p>Cells</p> <p>Students explore further into the structure of different organisms, exploring the structure of cells and how they can be observed.</p>	
<p>Assessments in Science</p>	<p>Write Like a Scientist: Students will partake in producing science-based creative writing tasks throughout the year to support skills in scientific writing.</p>			<p>APs: students will sit assessments during whole school assessment windows to allow a more in depth analysis of success and support.</p>		
<p>Art</p>	<p>In art, we work on a rotation system, so students might undertake the work in a different order.</p>					
	<p>Self Portraiture</p> <p>observational and digital portraiture, exploring tone and proportions.</p>	<p>Portrait</p> <p>Image manipulation in response to artists from a range of cultures and geographic locations, including printing.</p>	<p>Portrait</p> <p>Independent project outcomes, exploring collage, mixed media and painting techniques.</p>	<p>Zoomorphic pots</p> <p>Exploration of animals as a subject for Artwork, focused on Picasso's artistic method and other contemporary 3D artists.</p>	<p>Zoomorphic pots</p> <p>Developing ideas and modelling methods. Exploring a series of ceramic techniques and how to capture the essence of an animal.</p>	<p>Zoomorphic pots</p> <p>Exploring large scale artwork in 3D.</p>

<p>Computing</p>	<p>Introduction to flowcharts</p> <ul style="list-style-type: none"> • Use decisions in flowcharts • Apply flowcharts to more complex situations 	<p>Understanding what components make a computer</p> <ul style="list-style-type: none"> • Understand the function of the main components of a computer • Construct a report including contents and cover pages 	<p>Event driven programming</p> <ul style="list-style-type: none"> • Establish the needs of a user • Define SMART success criteria • Implement an App to meet the needs of a user • Decompose a problem 	<p>Ethical decisions in IT</p> <ul style="list-style-type: none"> • Debate both sides of an ethical problem in IT • Present ideas effectively • Find appropriate sources for information 	<p>How computers store numbers and text</p> <ul style="list-style-type: none"> • Decrypt messages when given a cipher • Convert numbers to/from binary • Convert text t/from ASCII values 	<p>Programming with Python Turtle</p> <ul style="list-style-type: none"> • Understand the need for comments in code • Decompose a problem to understand how to construct a shape • Use iteration to simplify code • Use variables in code
<p>D&T</p>	<p>Please note: In D & T we work in a rotation, so the order of projects might be different to what is listed.</p> <p>In addition to the three areas of learning listed below we are running 4th part to our rotation during the school year (this will shorten the length of the three areas of learning listed).</p> <p>Additional project : Tree House design – Creating ideas in response to a design challenge, including the use of a design specification. Students will be exploring the work of other designers, health and safety and construction methods. The topic will also provide a clear opportunity to learn about perspective drawing and function well as part of a team.</p>					
<p>Resistant materials: Keyring design and manufacture using acrylic: Exploring the properties of plastics and experimenting with construction techniques, with a focus on safe working.</p>	<p>Resistant materials: Clock design and construction - Exploring design movements, environmental impact of material, developing ideas, modelling and testing to produce quality outcomes.</p>	<p>Food Technology: Introduction to nutrition and diet Including healthy eating choices. Opportunity to cook will provide a range of savoury and sweet dishes.</p>	<p>Food technology: Practical exploration of cooking methods Including a more in-depth look at the importance of hygiene and safety. Practical skills will include frying, boiling, baking, grilling and sauté.</p>	<p>Textiles: Planning for the construction of a viable textiles product for market. Exploring: working a brief, research and development. Experiment with new processes such as tie dye & applique</p>	<p>Sewing & making: Completion of a design challenge with a focus on practical skills and decorative techniques. Constructing a themed cushion cover</p>	

Drama	Melodrama Characterisation. Physical control, Style of performance, Posture, Gesture, Facial Expression	Voice Vocal skills, Characterisation. Pace, Pause, Pitch, Emphasis, Volume, Accent	Theatre Practitioners Brecht, Stanislavski, Gestus, Captions, Contrapuntal Music, Tempo Rhythm, External states to influence behaviour	Stage Combat Self-Awareness, Tension, Eye Contact, Following Instructions, Health and Safety, Knap, Plan, Signal, Choreography, Timing, Angle, Reaction	Devising Responding to Stimuli, Improvisation, Story, Genre, Character, Taking Risks, Structure	Drama Games 4 Life – Leadership, Observation, Teamwork, Following instructions, Risk-taking, Listening, Quick thinking, Physical control.
Geography	Blown Away <ul style="list-style-type: none"> • Air pressure • Tropical storms • UK weather hazards • Case study of wildfire 	Adventure Landscapes <ul style="list-style-type: none"> •Weathering processes •Coastal landforms •River landforms •Geology •Limestone features 	Some Like it Hot <ul style="list-style-type: none"> • Quaternary period • Greenhouse effect • Natural climate changes • Impact at 3 scales • Management 	We are Where we Live <ul style="list-style-type: none"> • Location • Rural to urban migration • Challenges • Solutions • Life in the favela 	Fantastic Fieldwork <ul style="list-style-type: none"> •Geographical enquiry •Sampling •Data presentation •Data analysis •Health and safety <hr/> DME – Rainforests <ul style="list-style-type: none"> •Coastal biome •Tourism •Decision making 	Geographical issues <ul style="list-style-type: none"> • Current issues and evaluation (broad range of issues covered)
History	The English Civil War and Cromwell Skill: causation and significance <ul style="list-style-type: none"> • Causes of the English Civil War • Execution of Charles I • Cromwell and the Levellers 	Charles II and The Glorious Revolution Skill: Interpretations and consequence <ul style="list-style-type: none"> • Restoration • Great plague • Great Fire of London • Ice Fairs 	The British Empire 1500-1900 Skill: causation and similarity and difference <ul style="list-style-type: none"> • Building and developing an Empire • The British Empire in India, Australia, 	Africa, Barbados and Transatlantic Slave Trade and Industrialisation Skill: Consequence <ul style="list-style-type: none"> • Akan society • Triangular trade • The middle passage • Slave rebellions 	Age of Revolution and Abolition of Slavery Skill: causation <ul style="list-style-type: none"> • America Revolution • French Revolution • Haiti Revolution • Protests of enslaved people • Moral campaigns • Economic arguments 	Protest and decolonisation Skills: Similarity and Difference <ul style="list-style-type: none"> • Chartists Reform Acts • Socialist movement • Women’s suffrage, Suffragettes • Indian Rebellion • Ghandi • Partition

	<ul style="list-style-type: none"> • Cromwell in Ireland • Cromwell the modern man <p>Local History: Reading during the Civil War</p>	<ul style="list-style-type: none"> • Glorious Revolution • Battle of Culloden, 1746 	China and South Africa	<ul style="list-style-type: none"> • Josiah Wedgewood • Transport • Factories and towns <p>Local History: Reading and the Industrial Revolution</p>		
MFL French	<p>Sport and leisure GCSE Theme 1</p> <ul style="list-style-type: none"> • Understanding the concept of tense • Understanding the importance of time markers <p>Curriculum links: PE – team and individual sports</p>	<p>Entertainment GCSE Theme 1</p> <ul style="list-style-type: none"> • Connectives for reasons <p>Curriculum links: English/Music - genres</p>	<p>Food GCSE Theme 1</p> <ul style="list-style-type: none"> • Revising concept of masculine, feminine, plurals • Reinforcing pronunciation rules <p>Curriculum links:</p> <ul style="list-style-type: none"> • Food tech – following a recipe • English – structuring a paragraph • 	<p>Shopping GCSE Themes 1</p> <ul style="list-style-type: none"> • Understanding currency – euros <p>Curriculum links: Maths – quantities and percentages, calculating exchange rates</p>	<p>Holidays GCSE Theme 2</p> <ul style="list-style-type: none"> • Using an atlas to locate different countries <p>Curriculum links:</p> <ul style="list-style-type: none"> • Geography – location of countries 	<p>Paris GCSE Theme 2</p> <ul style="list-style-type: none"> • Know the names of Parisian monuments <p>Curriculum links: Cultural – art, travel</p>
MFL Spanish	<p>Myself GCSE Theme 1</p> <ul style="list-style-type: none"> • Understanding sound spelling links/phonics • Knowing alphabetical 	<p>My Family GCSE THEME 1</p> <ul style="list-style-type: none"> • Understanding family/extended family structures • Understanding why verbs need to be conjugated 	<p>My home GCSE THEME 2</p> <ul style="list-style-type: none"> • Understanding concept of masculine and feminine for inanimate objects. 	<p>My local area GCSE Theme 2</p> <ul style="list-style-type: none"> • Knowing left and right <p>Curriculum links: English – structuring a paragraph</p>	<p>My daily life at school GCSE Theme 3</p> <ul style="list-style-type: none"> • Understand how the 24 hour clock works • Understand how the Spanish tell the time <p>Curriculum links:</p>	<p>My daily life at home GCSE Theme 3</p> <ul style="list-style-type: none"> • Understanding the importance of time markers • Understanding how to sequence activities. the importance of

	<p>order for dictionary skills</p> <ul style="list-style-type: none"> Understand key grammatical/ literacy terms – noun, verb, article (determiner) <p>Curriculum links:</p> <ul style="list-style-type: none"> Drama – Foundation skills for performance – diction, volume, expression <p>English dictionary</p>	<ul style="list-style-type: none"> Understanding basic sentence structure – must include a verb <p>Curriculum links:</p> <ul style="list-style-type: none"> English - Autobiography 	<p>Curriculum links:</p> <p>English - Advertising</p>		<ul style="list-style-type: none"> Maths – 24hr clock English – using synonyms 	<p>Curriculum links:</p> <p>English – sequencing events</p>
Music	<p>Mozart – students will learn how to ...</p> <ul style="list-style-type: none"> Use the Alberti Bass as a form of accompaniment with a melody of their own creation Answer questions on Mozart, his life and works and the culture of the era. Identify key features in 	<p>Reggae – students will learn how to ...</p> <ul style="list-style-type: none"> Play Reggae music on keyboards and guitars, demonstrating an understanding of how to use syncopation; Explain the history of Reggae and learn about Bob Marley; Identify key devices and 	<p>Variations – students will learn how to ...</p> <ul style="list-style-type: none"> Play Ode to Joy and create variations of the piece; Describe how music has been changed to create a variation using correct musical vocabulary; Identify key features in history where 	<p>Oriental Music – students will learn how to</p> <ul style="list-style-type: none"> Use the pentatonic scale to compose a piece of music for Chinese New Year; Demonstrate an understanding of Chinese history and culture; Describe music heard using correct musical vocabulary. 	<p>Holst – students will learn how to</p> <ul style="list-style-type: none"> Play a piece from the Planet Suite and compose a piece of music to represent the planet Pluto; Write extended answers on music heard using correct musical vocabulary; Extend technique skills to include harmony in their work 	<p>Pop music – students will learn how to</p> <ul style="list-style-type: none"> Use Soundtrap to create a pop music track; Demonstrate clear structure in composition; Use different elements and loops to make their track more interesting. <p>Links to GCSE Music</p>

	classical music in listening work	features of Reggae music	Beethoven's music was used			
			Links to GCSE Music			
PE (outdoor)	Netball	Netball	Football Rugby	Football Rugby	Athletics Cricket Rounders Tennis	Athletics Cricket Rounders Tennis
PE (indoor)	Covered on a rotation * for terms 1, 2, 3 and 4					
	Badminton * Basketball * Fitness* Trampolining *	Badminton * Basketball * Fitness * Trampolining *	Badminton * Basketball * Fitness * Trampolining *	Badminton * Basketball * Fitness * Trampolining *	Athletics	Athletics
Religious Studies	Inspirational people of faith <ul style="list-style-type: none"> • What are inspirational people? • Martin Luther King • Nelson Mandela • Malala Yousefzai • Ghandi • Nick Vujcic • Mother Teresa 		Sikhism <ul style="list-style-type: none"> • Who is Guru Nanak? • The Nine Gurus • Guru Granth Sahib • Gurdwara • The Khalsa • The 5 Ks 		Buddhism <ul style="list-style-type: none"> • The early life of the Buddha • Eightfold Path • Five Precepts • Sangha • Meditation • The Shrine • Karma and Samsara 	
RSHE	Discrimination Discrimination in all its forms, racism, religious discrimination, disability discrimination, sexism, homophobia, biphobia and transphobia	Emotional Wellbeing Mental health and emotional wellbeing, including body image and coping strategies	Community and Careers Equality of opportunity in careers and life choices, different types and patterns of work	Dangers Online and Offline Susstance misuse, county lines, digital literacy and grooming	Identity and Relationships Gender identify, sexual orientation, consent, 'sexting', and an introduction to contraception	Politics and Parliament Political parties, elections and campaigning, political debates and exploring Parliament

YEAR 8 BIG IDEAS 2024-25