

Year 8 at Wexham School
Curriculum Map



	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
English	The year 8 class reader: <i>The Boy at the Top of the Mountain</i> by John Boyne. We explore the important story of the dangers of radicalisation and the ultimate act of forgiveness.	Issues Poetry: a much needed, exciting exploration of some of the following movements: -Black Arts Movement -Didactic poetry -Eco-poetics -Feminist poetry Students prepare to write a non-fiction text addressing a crucial issue one of the crucial issues of the present day!	Julius Caesar: an exciting moment as we begin our first study of a Shakespeare play in its entirety. We learn about the plot, character and themes of one of Shakespeare's most exciting plays.	Horror and the gothic: we begin by exploring the conventions off the gothic tradition, before returning to... The Art of Description: crafting our own pieces of descriptive writing based on the techniques and conventions we considered in the previous unit.	'A Monster Calls': armed with our knowledge of the gothic tradition and the twisted fairy tales we considered in year 7, we move on to our second class novel.	Social and protest writing: using Bali Rai's <i>The Colour of Humanity</i> and Benjamin Zephaniah's <i>Terror Kid</i> we explore the history of writing for protest and social change.
Maths	Pi Unit 1: Number properties and calculations Unit 2: Shapes space and measure Theta Unit 1: Number Unit 2: Area and volume Delta Unit 1: Factors and Powers Unit 2: Working with powers	Pi Unit 3: Statistics Unit 4: Expressions and equations Theta Unit 3: Statistics graphs and charts Unit 4: Expressions and equations Delta Unit 3: 2d and 3d solids Unit 4: Real life graphs	Pi Unit 5: Decimal Calculations Unit 6: Angles Theta Unit 5: Real-life graphs Unit 6: Decimals and ratios Delta Unit 5: Transformations Unit 7: Fractions, decimals and percentages	Pi Unit 7: Number properties Theta Unit 7: Lines and Angles Delta Unit 7: Construction and loci Unit 8: Probability	Pi Unit 8: Sequences Unit 9: Fractions and percentages Theta Unit 8: Calculating with fractions Unit 9: Straight line graphs Delta Unit 9: Scale drawings and measure	Pi Unit 10: Probability Theta Unit 10: Percentages, decimals and fractions Delta Unit 10: Graphs
Science	Standard Skills in Science: Lab safety Lab equipment Identification and use Scientific enquiry Sound and Light as waves	Breathing in humans Digestion in humans Contact Forces Pressure around us	Periodic table Elements and their uses Respiration and Photosynthesis as reactions	Climate change Earth resources and their use Work and its effects Heating and Cooling	Evolution of organisms Inheritance in organisms Wave effects Wave properties	Electromagnets and their uses Magnetism around us Types of reactions Chemical Energy

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Geography	Study of the physical and human aspects of a region – Asia. Population, migration and physical features	Extreme Weather Tropical storms, tornadoes, heat waves and forest fires. Effects of different types of extreme weather. Responses to different types of extreme weather.	Study of the physical and human aspects of a region – Middle East. The main physical features in the Middle East. Challenges and opportunities for development in the Middle East.	Resource Management Renewable and non-renewable energy. Comparison of the advantages and disadvantages of each source of energy.	Study of the physical and human aspects of a region- Russia The population distribution in Russia The main physical features of Russia. Development of Russia.	Pollution and strategies to reduce it Types of pollution and their impact. How to reduce pollution
History	Did the Stuarts create a United Kingdom? Why did James I become king of England and Scotland? What was gunpowder plot? How did Charles start a Civil war? How did Cromwell change England?	Why did Britain form an Empire? What was British Empire? Why was it formed? What was British rule like in Americas, Australia, India and Ireland? Should the empire be celebrated?	How did Industrialisation change Britain? What is the industrial revolution? Why did children work in mines and factories? How healthy were towns? Why does Britain not have a revolution?	Did Britain benefit from the Slave Trade? How did Slave trade work? What was life like for slaves? Why did it continue? What was abolitionism in America and UK? How did Slaves resist?	Who were the Ottomans What was the Ottoman Empire? Why was the Ottoman Empire Expand? How did the Ottoman Government work? How were minorities treated in the Empire?	The Quest for Civil Rights What are Civil Rights? How did Gandhi campaign in India? How are MLK and Malcom X different? Was Mandela a “Terrorist”? Why did the Irish Civil Rights movement lead to violence?
RE	Expression of faith: Pupils explore the different ways in which people express their faith and the use of art within religion.	Is there life after death? Pupils explore different beliefs in life after death and evaluate the existence of the soul.	Hinduism: Pupils have an in-depth study on the beliefs and practices of Hinduism. Pupils begin to evaluate if Hinduism is a monotheistic or polytheistic religion.	Who is responsible for the death of Jesus? Pupils have a range of murder mystery style lessons where they explore the motives of different suspects who could be responsible for the death of Jesus.	Why does God let people suffer? Pupils explore the purpose of evil and suffering, with a particular focus on the Original Sin.	Buddhism: Pupils have an in-depth study on the beliefs and practices of Buddhism. Pupils assess the teachings of the Buddha and its significance for Buddhists today.
French	<i>T'es branché</i> : talking about television programmes, films, reading, the internet and what I did yesterday evening	Paris, je t'adore : saying what there is do in Paris, understanding information about a tourist attraction and describing a past trip	Mon identité: talking about personality, relationships, music, friendships, clothes and interests	Chez moi, chez toi: describing where I live, my home, talking about meals and talking about an event	Quel talent: talking about talent and ambition and saying who is the best, the most, the least.	Le Petit Nicolas: exploring characterisation, key themes and social and cultural setting in a French film.

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<p>Art</p>	<p>Marine Life</p> <ul style="list-style-type: none"> - Observational drawing - Tonal pencil - Watercolour - Clay <p>Explore the work of Diane Martin Lublinski to create a clay tile inspired by Marine life.</p>	<p>Everyday objects</p> <p>Explore the theme of everyday objects:</p> <ul style="list-style-type: none"> - Observational drawing - Acrylic paint - Tonal pencil <p>Explore the work of Michael Craig Martin.</p>	<p>Natural Form</p> <p>Explore the topic of natural form. Outside sessions include observational drawing and rubbings of natural objects.</p> <p>Explore the work of Yayoi Kusama and Georgia O’Keeffe.</p> <p>Experiment with pattern and mono-printing techniques.</p>
<p>Drama</p>	<p>Pantomime: exploring the history and style of acting related to this genre.</p> <p>Focusing on how to retell fairy-tale and well-known pantomime stories using melodramatic physical and vocal skills.</p>	<p>Intro to Shakespeare: exploring how to bring Shakespeare’s famous plays to life, focusing on performing using the language of the time and iambic pentameter.</p> <p>Focusing on how to bring Shakespeare to a 21st Century audience.</p>	<p>Scriptwriting: exploring how to create dialogue, edit and refine scripts for a performance.</p> <p>Students will create unique characters and a script based on a stimulus.</p>
<p>PE</p>	<p>Activities taught on rotation: Basketball, Handball, Hockey, Football, Touch Rugby, Health & Fitness, Orienteering, Dance</p> <p>PHYSICAL ME: Activity specific techniques</p> <p>THINKING ME: Rules and tactics, Methods of fitness training, Observation & analysis of performance</p> <p>SOCIAL ME: Fair play and integrity, Empathy</p> <p>MINDSET ME:, Positive attitudes, Adaptability and persistence</p>		<p>Activities taught on rotation: Athletics, Cricket, Rounders, Softball, Tennis</p> <p>PHYSICAL ME: Activity specific techniques</p> <p>THINKING ME: Rules and tactics, Observation & analysis of performance</p> <p>SOCIAL ME: Fair play and integrity, Empathy</p> <p>MINDSET ME:, Positive attitudes, Adaptability and persistence</p>
<p>Art</p>	<p>Marine Life</p> <ul style="list-style-type: none"> - Observational drawing - Tonal pencil / Watercolour - Clay <p>Explore the work of Diane Martin Lublinski to create a clay tile inspired by Marine life.</p>	<p>Everyday objects</p> <p>Explore the theme of everyday objects:</p> <ul style="list-style-type: none"> - Observational drawing - Acrylic paint - Tonal pencil <p>Explore the work of Michael Craig Martin.</p>	<p>Natural Form</p> <p>Explore the topic of natural form. Outside sessions include observational drawing and rubbings of natural objects.</p> <p>Explore the work of Yayoi Kusama and Georgia O’Keeffe. Experiment with pattern and mono-printing techniques.</p>

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<p>Music</p>	<p>Keyboards Students work through keyboard pieces that range in difficulty from using three notes to playing hands together.</p> <p>Students will work towards understanding basic music theory.</p>	<p>Djembe Students will be developing their rhythmic skills by learning about the features of African music using the Djembe drum.</p>	<p>Game Music Students will continue developing their composition skills, using the elements of music to develop a theme for a video game or level.</p> <p>Students will be introduced to various composers and themes from mainstream games, using their listening skills to understand how and why the music has been used to suit the narrative.</p>	<p>Blues Students will be introduced to 50s/60s Rock 'n' Roll music and the twelve-bar blues.</p> <p>During this topic, students will start learning about different artists such as Elvis Presley, Chuck Berry and Buddy Holly.</p> <p>Students will also be introduced to the concept of chords, scales, and a melody.</p>	<p>Pop Music - Performing Students will be developing their ensemble skills, learnt from Djembe Drumming, to perform as a band.</p> <p>Students will learn to play four chords on a keyboard and other instruments, a simple drum beat and encouraged to sing.</p>	<p>Keyboards Students work through keyboard pieces that range in difficulty from using three notes to playing hands together.</p> <p>Students will work towards understanding basic music theory.</p>
<p>Dance</p>	<p>The London Riots Portray a choreographic intention clearly to the audience. The background and history related to The London Riots. The legal information surrounding the court cases linked to the riots. Understanding of fundamental British Values</p> <p>The Nutcracker – Matthew Bourne Understanding how to portray a choreographic intention and a narrative (story) to an audience. Look at a dance style influenced by a choreographer. Choreography (choreographic process, stimuli and the types, RADS – Relationships, Actions, Dynamics and Space).</p>		<p>War A variety of symbolic movements of dance used to portray a specific stimulus (marching, shooting targets, crawling). Choreography (choreographic process, stimuli and the types, RADS – Relationships, Actions, Dynamics and Space). Physical skills used to be an effective performer and what they are (stamina, co-ordination, balance, strength, flexibility, mobility) and how to improve this over time. Understanding of fundamental British Values. The history and background related to War.</p> <p>Matilda the Musical Dance styles – variety of styles studied. Key signature movements used to portray a dance style. Characterisation – key features of a character and the effect this has on a dance performance.</p>		<p>Fortnight Characterisation – key features of a character and the effect this has on a dance performance. Choreography (choreographic process, stimuli and the types, RADS – Relationships, Actions, Dynamics and Space). Understanding how to portray a choreographic intention and a narrative (story) to an audience. A variety of symbolic movements of dance used to portray a specific stimulus (flossing). Physical skills used to be an effective performer and what they are (stamina, co-ordination, balance, strength, flexibility, mobility) and how to improve this over time.</p> <p>Choreography Understanding how to portray a choreographic intention and a narrative (story) to an audience.</p>	

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			Choreography (choreographic process, stimuli and the types, RADS – Relationships, Actions, Dynamics and Space). Understanding how to portray a choreographic intention and a narrative (story) to an audience.	Choreography (choreographic process, stimuli and the types, RADS – Relationships, Actions, Dynamics and Space). Using a stimulus to create a piece of dance.		
IT	Data Modelling (Unit 7) Fundamentals of MS Excel: Use of ribbon, open/close documents, and create & save new documents. Creating New Worksheets: Formatting worksheets, font styles/sizes/colors, entering text. Creating a New Model: Knowledge of cells, inserting formulae (MIN, MAX, SUM, AVERAGE, COUNT, COUNTIF and IF). Creating Charts: Create column charts, line charts, and pie chart, adding chart titles and axes labels. Creating macros and hyperlinks.	Presentational Skills (Unit 8) Using slides and creating slide shows. Page layout. Creating hyperlinks. Inserting images. Presentation etiquettes. Page Layout. Research skills using the internet.	Introduction to Python (Unit 9) Strings and variables in programming. Numbers and arithmetic in programming. Data Types – Integers, floating-point, strings and Boolean. Selection process. While loops in programming. Searching for data in a computer program.	Computer Crime and Cyber Security (Unit 10) Cyber-crime and Computer Crime. Phishing. Impact of cyber-crime. How to identify cybercrime. How to keep data safe online.	Introduction to HTML and Website Development (Unit 11) Learning HTML and CSS. Using Notepad to understand websites. Tags and Formatting. Inserting Images and creating hyperlinks. Rollover images. Creation of tables. Creating hyperlinks between web pages	How Computers Work (Unit 12) Human computer versus physical computer. Hardware parts inside a computer. Software – system software and application software. Artificial Intelligence. Input and output devices and how they communicate with each other. Internal and external storage devices.
PSHE	Multiculturalism, Mental Health		Relationship, E-Safety	Money management, Human Rights		

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Technology	Taught on Rotation	Textiles	Electronics	Food	Resistant Materials	Graphics
		Making a Crazy Creature which includes: <ol style="list-style-type: none"> a) Theory b) Stitching c) Fabric Decoration d) Using a sewing machine e) Making 	Electronics Making a Steady Hand game and covering the following topics in theory: <ol style="list-style-type: none"> a) Revision of Year 7 theory b) Ohm's law c) Calculations 	Food Safety- Food and temperature Food poisoning <ul style="list-style-type: none"> • Food choice- Diet analysis Diet and lifestyle • Recap of the Eatwell guide Functions and sources of carbohydrates, protein, fat, minerals and vitamins. • Food preparation skills 	A maze game which includes: <ol style="list-style-type: none"> a) Health and Safety b) Product analysis c) Designing d) Measuring e) Making of project f) Evaluation 	Festival Project which includes: <ol style="list-style-type: none"> a) Corporate branding/identity b) Typography c) Rendering d) Design placements e) CAD/CAM f) Evaluation