

Year 7 Curriculum Map



Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English	<p>Autobiography Please note that the writing, Star reading and spelling tests need to be completed at the start of this term. Read and write a range of autobiographical extracts. Writing Assessment Outcome: Chapters of autobiography.</p>	<p>Novel Choose a novel that is appropriate for your class – see list. Reading Assessment Outcome: Analysis question based on an extract or the whole text – could be character or theme-based. For example: <i>How does the writer make the reader feel sympathy for the prisoners in Part 3, Chapter 5 of Trash?</i></p>	<p>Non-fiction writing Please note that the Star reading test needs to be done at the start of this term. This unit combines elements of the previous Hindenburg and UFO units. Writing Assessment Outcomes: Feature article and discursive essay.</p>	<p>Poetry Explore a range of war poetry. Reading Assessment Outcome: Analysis of a poem (for high ability, a comparison of two poems).</p>	<p>Shakespeare – A Midsummer Night’s Dream Please note that the Star reading test needs to be done during this term. Explore and analyse the play <i>A Midsummer Night’s Dream</i>. Reading Assessment Outcome: Analysis question based on an extract or the whole text – could be character or theme-based. For example: <i>How does Shakespeare entertain the audience in A Midsummer Night’s Dream?</i></p>	<p>Creative writing Develop creative writing skills. Writing Assessment Outcome: Short story (or the opening).</p>
	<p>Content requirements of the new curriculum – must be covered across KS3.</p>	<p>Reading Prose Poetry Drama Contemporary Pre-1914 Shakespeare Whole books Short stories Comparisons</p>	<p>Writing Narrative Scripts Arguments Discussions Letters</p>			

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		Context				
Maths	Set 1 Addition and subtraction of integers and decimals Calculating with negative numbers Rounding and estimation Perimeters of 2D shapes Sequences Plotting graphs of linear functions	Set 1 Multiply and divide integers and decimals Order of operations Indices and corresponding roots Areas of a triangle and parallelogram Collecting like terms Expanding brackets Using algebra with shapes	Set 1 Add, subtract, multiply and divide fractions Convert between fractions, decimals and percentages Substitute into algebraic expressions and formulae Area of a trapezium Area and circumference of a circle	Set 1 Fractions and percentages of amounts Percentage increase and decrease Ratio and proportion Equations Angles in a triangle, on a straight line and around a point	Set 1 Multiples and factors Venn Diagrams Probability Inequalities	Set 1 Preparation for end of the year exam Maths activities
	Sets 2 – 4 Addition and subtraction of integers and decimals Calculating with negative numbers Rounding and estimation Perimeters of 2D shapes Sequences Plotting graphs of linear functions	Sets 2 - 4 Multiply and divide integers and decimals Order of operations Indices and corresponding roots Areas of a triangle and parallelogram Collecting like terms Expanding brackets Using algebra with shapes	Sets 2 - 4 Add, subtract, multiply and divide fractions Convert between fractions, decimals and percentages Substitute into algebraic expressions and formulae Area of a trapezium	Sets 2 - 4 Fractions and percentages of amounts Percentage increase and decrease Ratio and proportion Equations Angles in a triangle, on a straight line and around a point	Sets 2 - 4 Multiples and factors Venn Diagrams Probability Inequalities	Sets 2 - 4 Preparation for end of the year exam Maths activities
	Set 5	Set 5	Set 5	Set 5	Set 5	Set 5

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	Addition and subtraction of integers and decimals Calculating with negative numbers Rounding and estimation Perimeters of 2D shapes Sequences Coordinates Plotting graphs of linear functions	Multiply and divide integers and decimals Order of operations Square numbers and square roots Areas of a rectangle Collecting like terms Expanding brackets Using algebra with shapes	Equivalent fractions Add and subtract fractions Convert between fractions, decimals and percentages Substitute into algebraic expressions and formulae Area of a triangle	Fractions and percentages of amounts Percentage increase and decrease Ratio and proportion Equations Angles in a triangle and on a straight line	Multiples and factors Venn Diagrams Probability Inequalities	Preparation for end of the year exam Maths activities
Science	<p>Living Systems</p> <p>Introduction to the microscope and to cells, highlighting the importance of cells in order to understand living systems</p> <p>The particulate nature of matter</p> <p>Properties of solids liquids and gases are explored and how they relate to techniques used for separating different substances.</p> <p>Space Science</p> <p>Students study: the place of the Earth within the Solar System and the Universe as a whole; the properties of stars and the behaviours of the planets held in orbit around them by gravity forces; the structure of the Universe and the technology used to gather evidence about it.</p>		<p>Reproduction</p> <p>Students study the differences between sexual and asexual reproduction, pollination, fertilisation and seed dispersal in flowering plants, human reproduction, the menstrual cycle and pregnancy.</p> <p>Atoms elements and compounds</p> <p>Introduced to the periodic table of elements and how from these 100 or so elements all materials are made.</p> <p>Energy</p> <p>Students study a wide range of energy transfers and energy resources with a particular focus on heating and cooling. They explore the advantages and</p>		<p>Inheritance</p> <p>The cause of variation within a species and between them is explored in this topic. What is by DNA and how we can influence change.</p> <p>Acids and Alkalis</p> <p>Students study the pH scale, the strength of acids and alkalis and the names of some everyday examples. Students will learn how these substances are dealt with in the laboratory as well as the associated hazard symbols. Areas also studied include neutralisation reactions of both strong and weak acids, developing their skills in both word and symbol equations. These reactions will then be put into context..</p>	

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			disadvantages of different energy resources, evaluating their suitability for production of electricity. Students then investigate ways to control energy transfer. Finally students look at the calculations involved with energy transfer including work done, power and the costs of domestic electricity.		Waves Students study: how different types of waves transfer energy from place to place; the motion of particles within water and sound waves and how waves superimpose one each other; the reflection and refraction of light and the applications of mirrors and lenses; how sound is transmitted and heard along with the applications of sound waves.	
MFL – German	<i>Meine Welt und ich</i> introducing yourself, numbers, alphabet, character, asking and answering questions about belongings		<i>Familie und Tiere</i> descriptions of pets and family members		<i>Freizeit</i> leisure activities and hobbies, including new technologies	
MFL – French	<i>C'est perso</i> talking about likes and dislikes, describing yourself and other people regular present tense verbs / avoir / adjectival agreement		<i>Mon college</i> talking about school, including school subjects, opinions, telling the time and describing a typical school day, talking about food forming questions / use of partitive articles		<i>Mes pasetemps</i> leisure activities and hobbies, including new technologies regular verbs with all persons / jouer à / faire / aimer + infinitive MFL – French <i>Ma Zone</i> town, directions, going out, countries, eating and drinking il y a / il n'y a pas / au, à la, à l', aux / vouloir and pouvoir + infinitives	
MFL - Spanish	<i>Mi Vida</i> name, family, personality, family, birthdays, pets, free time definite articles / regular present tense verbs /adjectival agreement / ser & tener / qualifiers		<i>Tiempo Libre</i> free time, weather, sport, opinions, school subjects gustar / infinitives / regular verbs / translation / time phrases / hacer &		<i>Mi Insti / Mi familia y mis amigos</i> opinions on subjects, facilities, break time activities, family members, physical descriptions / my house/where I live. 'we' form / gustar / definite and indefinite articles / hay & no hay /	

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			jugar / connectives		<i>sequencing words / ser & estar / further qualifiers and connectives / possessive adjectives</i>	
Geography	Introducing Geography Develop location knowledge of the world, while learning and practicing map and atlas skills.	The development of Africa Investigating the opportunities and challenges facing Africa.	The Earth's natural resources Investigating the sustainable use of the Earth's resources, including rocks, energy and rainforests	Climate change and Ice Investigating glacial landforms and the causes and consequences of climate change.	Global economy Investigating how globalisation has affected economies at a variety of scales.	Russia Evaluating the extent to which the geography of Russia is a curse of a benefit
History	The Impact of 1066 and the Battle of Hastings Anglo-Saxons Battle of Hastings The Normans	Medieval Medieval religion – pilgrimages, crusades, monasteries Medieval health – Black Death, doctors Historical Interpretations	Local Historical Environment Yalding project – family, animals, houses, jobs, court, fair	Tudor Monarchs Henry VIII and the Reformation Edward VI, Mary I and Elizabeth I	The English Civil War Causes of the English Civil War Key battles Charles I execution Cromwell	British Empire and Slavery Slave trade triangle Middle Passage Life on a plantation Resistance and Abolition
ICT	Scratch Programming Problem solving using the Scratch programming environment.	Text based programming Solving a range of problems using turtle graphics.	Web Design Using HTML and CSS to create a multi-page website based around a theme.		E-Safety Looking into some of key issues when working online such as cyberbullying, mobile phones, social media and	Digital Literacy Gaining skills using everyday applications such as word, excel, PowerPoint and publisher

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					online presence	
Beliefs and Values	What is belief? What is faith? Beliefs of the 6 major world faiths	Code breaking The meanings and interpretations of symbols	What do people believe about God? What do we mean by "God?" The beliefs of the major world faiths about God Arguments for and against God's existence	What happens when we die? Why some people believe in life after death and some do not Beliefs in religions about life after death	By what authority? What is meant by leadership? Sacred writings as sources of authority for believers	What does it mean to be human? In what ways are humans unique? Do we have a soul? What are ultimate questions and can we answer them?
Technology	Throughout the year students study 4 subject areas on a rotation basis	Textiles Students design and make a felt bug. They will learn how to use a sewing machine and decorative techniques.	Food Students will understand healthy eating models and produce a variety of dishes to learn different techniques and methods.	Resistant Materials Students make a novelty desk tidy through use of hand tools, mixed materials and CAD/CAM.	Systems Control Students make a jitterbug. Skills learnt include soldering, vacuum forming and the use of pillar drills.	All 4 projects will be assessed in a variety of skills and students will be given an overall grade for the year.
Drama	Basic Skills & Images A unit introducing students to the study of drama, focusing on developing listening, co-operation, trust and communication skills. Students learn about still images, narration, thought tracking and how to structure a piece of drama.	Physical Theatre A unit focused on this style of theatre, which prioritises the use of movement and body language to communicate meaning. Skills include body propping, organic and mechanical movement, mirroring and montage.	The Terrible Fate of Humpty Dumpty Study of a play which explores the causes and effects of bullying. Skills learnt include slow motion, abstract staging, soundscape, flashback and subtext.	Commedia dell'Arte A unit focused on this 16 th century Italian style of comedy – the origin of modern slap stick. Skills focused on include improvisation, status, mime, exaggeration and lazzi.	Morley Manor A spooky unit about a local legend aimed at developing student's ability to build up tension. Skills used include soundscape, physical theatre, narration, flashbacks and multi-roling.	Ernie's Incredible Illucinations An Alan Ayckbourn play about a boy whose daydreams come to life. Skills developed include stereotypes, abstract movement and comedy. Students are asked to put all their

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						year 7 skills into one final performance.
Art	Base line test focusing in on how to create a 3D object on a 2D surface	Mark making exploring line, tone, pattern, texture and colour. Cross curricular focus on Natural forms. Indian Art, Aboriginal art.	Impressionism researching the French painters Monet, Manet and Cezanne. Natural forms printing.	Macro Micro worlds, developing knowledge of colour mixing.	Macro Micro developing tone. Chalk and charcoal pastel techniques.	Celebration success art exhibition, establishing and reviewing the year building on good practice building on MEG predictions
PE Girls	Dance & Hockey	Gymnastics & Netball	Fitness & Football	Gymnastics and Dance + Netball x 3 Hockey x 3	Athletics & Rounders	Athletics + Stoolball & Tennis
PE Boys	Gymnastics & Rugby	Basketball & Rugby	Basketball & Football	Indoor Athletics & Football	Athletics & Cricket	Athletics & Stoolball/ Cricket
Music	Samba! Rhythmic notation and performing Samba	Samba! Rhythmic notation and performing Samba	Elements of music Understanding of the key elements of music	My Melody Standard pitch notation and melodic composition	Chords Basic Keyboard skills Understanding of harmony	Chords Learning current pop songs and arranging them.
Computing	Developing a programme using Scratch and understanding computer hardware	Text Based Programming using Turtle involving sequence, selection, repetition and procedures	Pupils convert binary to denary, create a converter program in Scratch and then move on to ASCII and image representation	Develop a multi-page website using HTML and CSS	Launch of the BBC Microbit unit – design and create a program using hardware and software.	Computer Science unplugged – problem solving activities