

# Year 7 Curriculum Map



Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English	<b>Autobiography</b> Please note that the writing, Star reading and Vernon spelling tests need to be completed at the start of this term. <b>Writing Assessment</b> <b>Outcome: Chapters of autobiography.</b>	<b>Novel</b> Choose a novel that is appropriate for your class. <b>Reading Assessment</b> <b>Outcome:</b> 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>	<b>Non-fiction writing</b> Please note that the Star reading test needs to be done at the start of this term. <b>This unit combines elements of the previous Hindenburg and UFO units.</b> <b>Writing Assessment</b> <b>Outcomes: Feature article and discursive essay.</b>	<b>Poetry Reading Assessment</b> <b>Outcome:</b> Analysis of a poem (for high ability, a comparison of two poems).	<b>Descriptive/narrative writing</b> <i>Please note that the Star reading test needs to be done at the start of this term.</i> Using short stories to develop descriptive/narrative writing skills. <b>Writing Assessment</b> <b>Outcome:</b> Short story (or the opening).	<b>Shakespeare – A Midsummer Night’s Dream Reading Assessment</b> <b>Outcome:</b> 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>
	<b>Content requirements of the new curriculum – must be covered across KS3.</b>	<b>Reading</b> Prose Poetry Drama Contemporary Pre-1914 Shakespeare Whole books Short stories Comparisons Context	<b>Writing</b> Narrative Scripts Arguments Discussions Letters			
Maths	<b>Set 1</b> Written Calculations Sequences, nth term Functions and Co-	<b>Set 1</b> Equivalent Fractions, decimals and calculating	<b>Set 1</b> Simplify Algebraic Expressions, Expand brackets,	<b>Set 1</b> BIDMAS, Rounding and changing Metric Units	<b>Set 1</b> All four Arithmetic with fractions, decimals and	<b>Set 1</b> Polygons tessellations and nets.

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	ordinates Area, Perimeter of compound shapes, Surface Area and Volume of Cuboids	percentages Averages( mean, mode median ) from tables and for grouped data Calculate Probability	Substitutions Angles problems, Angles in parallel lines, Names of 2D shapes shapes and bearings Data collection, construct frequency tables and interpret diagrams	Multiples, factors, primes. HCF and LCM. Drawing linear graphs Construction triangles	percentages. Calculating Ratios and proportion. Solve Equations with brackets and unknowns on both sides	Transformation – Reflection, translation, Rotation and enlargement. Decimal arithmetic and directed numbers. Venn diagram and Experimental probability
	<b>Sets 2 – 3</b> Arithmetic – four rules Negative numbers – four rules. Sequences Functions, mapping and Co-Ordinates Area, Perimeter of shapes made from rectangles, Surface Area and Volume of cubes and cuboids	<b>Sets 2 - 3</b> Fractions: equivalent fractions, add and subtract, compare fractions, fractions of quantities. Calculations involving decimals, percentages and fractions. Mean, mode, median and range for discrete data. Mean and mode from frequency table. Interpret graphs. Calculate probability	<b>Sets2 - 3</b> Collect algebraic terms, expand brackets, substitution into formulas. Identify angles and calculate angles. Properties of triangles and quadrilaterals. Plot and read co-ordinates Questionnaires, construct frequency tables	<b>Sets 2 - 3</b> BIDMAS, Rounding and metric units. Multiply and divide decimals. Use arithmetic to solve worded problems including time. Multiples, factors, LCM,HCF . Plot and recognise simple linear graphs. Constructing angles and triangles	<b>Sets 2 - 3</b> Calculations with fractions, decimals and percentages. Fractions of amounts. Simplify ratio, share quantity into ratio. Solve ratio and proportion problems. Solve simple equations including brackets and unknowns on both sides.	<b>Sets 2 - 3</b> 3D Shapes, tessellations and Transformations- reflection, and rotation Decimal arithmetic ( +, -, x and ÷ ) and directed numbers. Sort data using Venn diagrams. Sample space diagram and relative frequency
	<b>Set 4</b> Basic Number Skills- times tables, square numbers Recognise and generate number sequences. Measure, read and use scales. Nets of cuboids.	<b>Set 4</b> Arithmetic, equivalent fractions and decimals. Bar charts and line graphs Mean, mode and range	<b>Set 4</b> Understand the 4 operations. Introduce brackets. Solve simple equations. Substitution into formulas.	<b>Set 4</b> Multiples, factors, LCM and HCF, prime numbers. Read and plot co-ordinates . Reflection. Angle facts. Fractions and	<b>Set 4</b> Draw pie charts and comparing data. Draw two way tables. Multiply and divide decimals. Add and subtract	<b>Set 4</b> 2D and 3D Shapes – Name and identify, tessellate, lines of symmetry. Nets of 3D shapes Solve two-step equations and

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	Calculate perimeter of shapes		Recognise types of angles and triangles Estimations and rounding. Use arithmetic to solve worded problems including time.	percentages of quantities. Add and subtract fractions. Ratio – simplify and solve problems	negative numbers. Simple linear graphs in the form $y = mx + c$	algebraic manipulation Calculate simple Probability. Sort data into Venn diagrams.
	<b>Set 5</b> Basic Number Skills- times tables, square numbers. Recognise and generate number sequences. Measure, read and use scales. Nets of cuboids. Calculate perimeter of shapes	<b>Set 5</b> Arithmetic, equivalent fractions and decimals. Bar charts and line graphs Mean, mode and range	<b>Set 5</b> Understand the 4 operations. Introduce brackets. Solve simple equations. Substitution into formulas. Recognise types of angles and triangles Estimations and rounding. Use arithmetic to solve worded problems including time.	<b>Set 5</b> Multiples, factors. Read and plot co-ordinates. Reflection. Angle facts. Fractions and percentages of quantities. Add and subtract fractions. Ratio – simplify and solve problems	<b>Set 5</b> Draw pie charts and comparing data. Draw two way tables. Multiply and divide decimals. Add and subtract negative numbers. Simple linear graphs in the form $y = mx + c$	<b>Set 5</b> 2D and 3D Shapes – Name and identify, tessellate, lines of symmetry. Nets of 3D shapes Solve two-step equations and algebraic manipulation Calculate simple Probability. Sort data into Venn diagrams.
<b>Science</b>	<b>Living Systems</b>  Introduction to the microscope and to cells, highlighting the importance of cells in order to understand living systems  <b>The particulate nature of matter</b>  Properties of solids liquids and gases are explored and how they relate to techniques used for separating different substances.		<b>Reproduction</b>  Students study the differences between sexual and asexual reproduction, pollination, fertilisation and seed dispersal in flowering plants, human reproduction, the menstrual cycle and pregnancy.  <b>Atoms elements and compounds</b>		<b>Inheritance</b>  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.  <b>Acids and Alkalis</b>  Students study the pH scale, the strength of acids and alkalis and the	

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	<p><b>Space Science</b></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>Introduced to the periodic table of elements and how from these 100 or so elements all materials are made.</p> <p><b>Energy</b></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 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.</p>	<p>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> <p><b>Waves</b></p> <p>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.</p>		
<b>MFL – German</b>	<p><i>Meine Welt und ich</i> introducing yourself, numbers, alphabet, character, asking and answering questions about belongings</p>		<p><i>Familie und Tiere</i> descriptions of pets and family members</p>		<p><i>Freizeit</i> leisure activities and hobbies, including new technologies</p>	
<b>MFL – French</b>	<p><i>C'est perso</i> talking about likes and dislikes, describing yourself and other people  regular present tense verbs / avoir / adjectival agreement</p>		<p><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</p>		<p><i>Mes pasetemps</i> leisure activities and hobbies, including new technologies regular verbs with all persons / jouer à / faire / aimer + infinitive</p>	

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<b>MFL Spanish</b>	<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 & jugar / connectives		<i>Mi Insti / Mi familia y mis amigos</i>  <i>opinions on subjects, facilities, break time activities, family members, physical descriptions / my house</i>  <i>'we' form / gustar / definite and indefinite articles / hay &amp; no hay / sequencing words / ser &amp; estar / further qualifiers and connectives / possessive adjectives</i>	
<b>Geography</b>	<b>Introducing Geography</b> Becoming an atlas expert by investigating the continents, countries and capitals of the world, using political and physical maps.	<b>Brilliant Brazil –</b> Investigating population and development issues with a focus on Brazil.	<b>The Tropical Rainforest –</b> Investigating sustainable rainforest use, threats to the rainforest, and the lives of the people and animals that call the rainforest their home.	<b>Map Skills –</b> Sharpening map skills, such as using grid references, map symbols, compass directions and scale bars using OS maps, globes, atlas and other types of map.	<b>Wild Weather –</b> The causes of different weather phenomena and their impacts on people.	<b>Groovy Ghana –</b> Learning about the culture, population, ecosystems and development challenges and opportunities of a former British colony.
<b>History</b>	<b>Pre-1066 and Medieval</b> Chronology and evidence Anglo-Saxons Battle of Hastings Changing castles	<b>Medieval</b> Medieval religion – pilgrimages, crusades, monasteries King John and Robin Hood (interpretations) – the rich and poor	<b>Medieval life</b> Yalding project – family, animals, houses, jobs, court, fair Medieval health – Black Death, doctors Medieval East Grinstead – housing, conditions, jobs	<b>Religious changes in the Tudor and Stuart period</b> Henry VIII and the Reformation Edward VI, Mary I and Elizabeth I James I and the Gunpowder plot	<b>English Civil War</b> Reasons for the war Battle of Naseby Charles I execution Cromwell <b>Slavery</b> Slave trade triangle Middle Passage	<b>Industrial Revolution</b> Transport Industry Child labour Conditions in towns <b>British Empire</b> Growth of the empire Life in the empire End of the empire

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					Life on a plantation Resistance and Abolition	
<b>ICT</b>	<b>Scratch Programming</b> Problem solving using the Scratch programming environment.	<b>Text based programming</b> Solving a range of problems using turtle graphics.	<b>Web Design</b> Using HTML and CSS to create a multi-page website	<b>E-Safety</b> Looking into some of key issues when working online such as cyberbullying, mobile phones, social media and online presence	<b>Microbits</b> Programming using the microbits seeing how hardware and software work together	<b>Digital Literacy</b> Gaining skills using everyday applications such as word, excel, PowerPoint and publisher
<b>Beliefs and Values</b>	<b>What is belief?</b> What is faith? Beliefs of the 6 major world faiths	<b>Code breaking</b> The meanings and interpretations of symbols	<b>What do people believe about God?</b> What do we mean by "God?" The beliefs of the major world faiths about God Arguments for and against God's existence	<b>What happens when we die?</b> Why some people believe in life after death and some do not Beliefs in religions about life after death	<b>By what authority?</b> What is meant by leadership? Sacred writings as sources of authority for believers	<b>What does it mean to be human?</b> In what ways are humans unique? Do we have a soul? What are ultimate questions and can we answer them?
<b>Technology</b>	Throughout the year students study 4 subject areas on a rotation basis	<b>Textiles</b> Students design and make a felt bug. They will learn how to use a sewing machine and decorative techniques.	<b>Food</b> Students will understand healthy eating models and produce a variety of dishes to learn different techniques and methods.	<b>Resistant Materials</b> Students make a novelty desk tidy through use of hand tools, mixed materials and CAD/CAM.	<b>Systems Control</b> 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.

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<b>Drama</b>	<b>Basic Skills &amp; Images</b> 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.	<b>Physical Theatre</b> 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.	<b>The Terrible Fate of Humpty Dumpty</b> Study of a play which explores the causes and effects of bullying. Skills learnt include slow motion, abstract staging, soundscape, flashback and subtext.	<b>Commedia dell'Arte</b> A unit focused on this 16 <sup>th</sup> century Italian style of comedy – the origin of modern slap stick. Skills focused on include improvisation, status, mime, exaggeration and lazzi.	<b>Morley Manor</b> A spooky unit about a local legend aimed at developing students ability to build up tension. Skills used include soundscape, physical theatre, narration, flashbacks and multi-roling.	<b>Ernie's Incredible Illucinations</b> 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 year 7 skills into one final performance.
<b>Art</b>	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 Insects and Indian Art	Impressionism researching the French painters Monet, Manet and Cezanne.	Portraiture looking at the Western Tradition, Developing knowledge of colour mixing.	Portraiture looking at the Western Tradition and how it was influenced by African art	Multi-cultural, Mask making establishing and reviewing the year building on good practice building on MEG predictions
<b>PE Girls</b>	Dance & Hockey Or Netball & Dance	Gymnastics & Netball Or Hockey & Fitness	Fitness & Football Or Gymnastics & Hockey x 3, Netball x 3	Gymnastics and Dance + Netball x 3, Hockey x 3 Or Football + Gymnastics & Dance	Athletics & Rounders	Athletics + Stoolball & Tennis
<b>PE Boys</b>	Gymnastics & Rugby	Basketball & Rugby	Basketball & Football	Indoor Athletics & Football	Athletics & Cricket	Athletics & Stoolball/ Cricket
<b>Music</b>	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.
<b>Computing</b>	Developing a	Text Based	Pupils convert	Develop a multi-	Launch of the BBC	Computer Science

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	programme using Scratch and understanding computer hardware	Programming using Turtle involving sequence, selection, repetition and procedures	binary to denary, create a converter program in Scratch and then move on to ASCII and image representation	page website using HTML and CSS	Microbit unit – design and create a program using hardware and software.	unplugged – problem solving activities