



CLAYESMORE
PREP

2020-21 Curriculum Map Year Five

These are long term plans drawn up for the start of the school year, therefore there may be some variation as the year progresses.

Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English & Drama	<p>WORD PLAY Idiomatic language Figurative language Read and model poems</p> <p>A VICTORIAN CHILDHOOD READING Class reader – ‘Street Child’ by Berlie Doherty Extracts from classic Victorian texts relating to the experiences of children (Dickens) Compare settings, characters and themes Comprehension - fiction Guided reading WRITING Writing to describe - setting Narrative viewpoint Autobiography and biography SPEAKING & LISTENING AND DRAMA Perform poems Scenes from ‘Street Child’ and character work Victorian child labour Active listening skills and strategies</p>	<p>A VICTORIAN CHILDHOOD READING Class reader – ‘Street Child’ by Berlie Doherty Examples of journalistic texts Explore and compare presentations of the news Comprehension - non-fiction Guided reading WRITING Experiment with journalistic techniques Newspaper report SPEAKING & LISTENING AND DRAMA Scenes from ‘Street Child’ and character work Victorian child labour Presenting the news (formal presentation) Active listening skills and strategies Dramatic conventions SPELLING, PUNCTUATION & GRAMMAR Types of verbs Verb tense Phrases and clauses</p>	<p>THE POWER OF POETRY READING Narrative poems – ‘Macavity the Mystery Cat’ (Eliot) and ‘The Highwayman’ (Noyes) Word play, poetic devices, rhyme and rhythm Comparing presentations of the above poems in books, film, for the stage Comprehension - narrative poem Guided reading WRITING Wanted poster Story structure Storyboard and/short story based on a narrative poem SPEAKING & LISTENING AND DRAMA Performance poetry Active listening skills and strategies Dramatic conventions SPELLING, PUNCTUATION & GRAMMAR Adverbs and adverbials Conjunctions Revise punctuation</p>	<p>MYTHS & LEGENDS READING Myths and legends Recorded versions - compare and contrast Character study Comprehension - based on a myth Guided reading WRITING Create a mythical creature Quest or creation myth SPEAKING & LISTENING AND DRAMA Myths and legends Dramatic conventions Active listening skills and strategies SPELLING, PUNCTUATION & GRAMMAR Prepositions and prepositional phrases Direct & reported speech Revise punctuation Secure spelling – specific to ability with weekly dictations ASSESSMENT Unaided written piece - teacher assessment</p>	<p>THE MANY FACES OF ADVERTISING READING Compare persuasive texts TV advertisements Film trailers Speeches (audience and purpose) Comprehension - non-fiction Guided reading WRITING Written advertisement/leaflet, e.g. estate agents sheet Speech for an audience (plan writing to suit audience and purpose) SPEAKING & LISTENING AND DRAMA Persuasive scenarios Advertisements Film trailer Active listening skills and strategies Dramatic conventions SPELLING, PUNCTUATION & GRAMMAR Pronouns Paragraphs Revise punctuation Spelling scheme</p>	<p>EXPLAIN & INSTRUCT READING Instruction texts Explanation texts Comprehension Guided reading WRITING Instructions e.g. revolting recipe Explanation e.g. magical cloak SPEAKING & LISTENING AND DRAMA Verbal instructions Verbal explanations Active listening skills and strategies Dramatic conventions SPELLING, PUNCTUATION & GRAMMAR Apostrophe – omission and possession Active and passive voice Subject of the sentence Revise punctuation Spelling scheme ASSESSMENT Unaided written piece - teacher assessment</p>

	<p>Dramatic conventions SPELLING, PUNCTUATION & GRAMMAR Types of nouns, noun phrases, determiners Adjectives and adjectival phrases Types of sentences Revise punctuation Spelling scheme</p> <p>ASSESSMENT PIRA Autumn reading assessment</p>	<p>Brackets, dashes and commas for parenthesis Revise punctuation Spelling scheme</p> <p>ASSESSMENT Unaided written piece - teacher assessment</p>	<p>Spelling scheme</p> <p>ASSESSMENT PIRA Spring reading assessment</p>		<p>ASSESSMENT PIRA Summer reading assessment</p>	
Maths	<p>Read, write, compare and order 5-digit numbers, understanding the place value and using < and > signs; add and subtract multiples of 10, 100 and 1000 to and from 5-digit numbers; use written addition to add two 4-digit numbers; sustain a line of enquiry; make and test a hypothesis</p> <p>Add and subtract 2-digit numbers mentally; choose a strategy for solving mental additions or subtractions; solve word problems</p> <p>Understand place value in decimal numbers; multiply and divide numbers with up to two decimal places by 10 and 100; multiply and</p>	<p>Recognise which numbers are divisible by 2, 3, 4, 5, 6, 9 and 25 and identify multiples; find factors; recording results systematically and finding all factors of a given number; compare and place fractions on a line; find equivalent fractions and reduce them to their simplest form</p> <p>Use mental strategies to multiply and divide multiples of 10 and 100; use a written method to multiply 3-digit and 4-digit numbers by 1-digit numbers and estimate answers, divide 3-digit numbers by 1-digit numbers using a written method and express remainders as a</p>	<p>Read, write and order numbers with up to 6 digits and understand the place value of each digit; place 6-digit numbers on a number line and find numbers between; solve place-value additions and subtractions with 6-digit numbers; understand place value in decimal numbers as tenths and hundredths; multiply and divide by 10/100/1000 using a place-value grid; understand place value in decimal numbers to 2-decimal places; place decimal numbers on a line; round two-place decimal numbers to nearest tenth and whole number; say the number a tenth or a hundredth more</p>	<p>Use a written method (grid) to multiply pairs of 2-digit numbers; use short division to divide 3-digit numbers by 1-digit numbers, including those which leave a remainder</p> <p>Find unit fractions and non-unit fractions of 3-digit numbers; use short multiplication to multiply 3-digit numbers by 1-digit numbers; begin to use short multiplication to multiply 4-digit numbers by 1-digit numbers</p> <p>Understand what a polygon is; draw polygons using dotted square and isometric paper; revise terms obtuse, acute and reflex angles, perpendicular and parallel sides; recognise quadrilaterals as polygons and identify their properties; classify</p>	<p>Add mentally 2-place decimal numbers in the context of money using rounding; add several small amounts of money using mental methods; mentally subtract amounts of money including giving change; calculate the difference between two amounts using counting up; solve word problems, including 2-step problems, choosing an appropriate method</p> <p>Multiply fractions less than 1 by whole numbers, convert improper fractions to whole numbers; use short multiplication to multiply 3-digit and 4-digit numbers by 1-digit numbers; use long multiplication to</p>	<p>Read, write, compare and order 5-digit numbers, understanding the place value and using < and > signs; add and subtract multiples of 10, 100 and 1000 to and from 5-digit numbers; use written addition to add two 4-digit numbers; sustain a line of enquiry; make and test a hypothesis</p> <p>Add and subtract 2-digit numbers mentally; choose a strategy for solving mental additions or subtractions; solve word problems</p> <p>Understand place value in decimal numbers; multiply and divide numbers with up to two decimal places by 10 and 100; multiply and</p>

	<p>divide by 0 and 100; add and subtract 0.1 and 0.01; multiply and divide by 4 by doubling or halving twice; use mental multiplication strategies to multiply by 20, 25 and 9</p> <p>Revise converting 12-hour clock times to 24-hour clock times; find a time a given number of minutes or hours and minutes later; calculate time intervals using 24-hour clock format; measure lengths in mm and convert to cm; find perimeters in cm and convert cm to m</p> <p>Solve subtraction using a written method for 3-digit – 3-digit numbers and for 4-digit numbers; use counting up (Frog) as a strategy to perform mental subtraction; find change from a multiple of ten pounds using counting up</p>	<p>fraction and solve division word problems</p> <p>Use a protractor to measure and draw angles in degrees; recognise, use terms and classify angles as obtuse, acute and reflex; recognise that angles on a line total 180° and angles round a point total 360°; identify and name parts of a circle including diameter, radius and circumference; draw circles to a given radius using a pair of compasses; relate angles to turns, and recognise that a 360° angle is a complete turn; use angle facts to solve problems related to turn</p> <p>Place numbers to 100 000 and decimals up to two places on a line, round numbers to the nearest 10, 100 and 1000 and decimals up to two places to the nearest whole number; compare and order numbers with up to two decimal places; reduce fractions to their simplest form; know and recognise equivalent fractions and decimals to half, tenths and fifths</p>	<p>Rehearse mental addition strategies for decimals and whole numbers; use counting on as a strategy to perform mental addition of 2-place decimals to the next whole number; solve missing number sentences; use mental strategies to solve multi-step word problems; use counting up as a strategy to perform written subtraction (Frog)</p> <p>Use rules of divisibility to find if numbers are divisible by 2, 3, 4, 5, 9 and 10; identify prime numbers; revise finding factors of numbers; find squares and square roots of square numbers; finding patterns and making and testing rules; use mental multiplication and division strategies; relate mental division strategies to multiples of ten of the divisor</p> <p>Know properties of equilateral, isosceles, scalene and right-angled triangles; find that angles in a triangle have a total of 180°; sort triangles according to their properties; use scales to weigh amounts to the nearest half interval; convert</p>	<p>quadrilaterals; draw regular polygons and explore their properties; revise metric units of weight, capacity and length; understand that we can measure in imperial units and relate these to their instances in daily life</p> <p>Place mixed numbers on lines; count up in fractions using equivalence; convert improper fractions to mixed numbers and vice versa; write improper fractions as mixed numbers and vice versa; multiply proper fractions by whole numbers</p> <p>Solve subtraction of 4-digit numbers using written column subtraction (decomposition); add several numbers using written column addition; use column to solve problems</p>	<p>multiply 2-digit and 3-digit numbers by teens numbers</p> <p>Read, write and compare decimals to three decimal places, understanding that the third decimal place represents thousandths; multiply and divide numbers by 10, 100 and 1000 using 3-place decimal numbers in the calculations; place 2-place decimals on a number line and round them to the nearest tenth and whole number; read, write, order and compare 3-place decimal numbers; understand and use negative numbers in the context of temperature</p> <p>Read and mark coordinates in the first two quadrants; draw simple polygons using coordinates; translate simple polygons by adding to and subtracting from the co-ordinates; reflect simple shapes in the y axis or in a line, noting the effect on the co-ordinates; translate simple shapes and note what happens to the co-ordinates; draw regular and irregular 2D shapes using</p>	<p>divide by 0 and 100; add and subtract 0.1 and 0.01; multiply and divide by 4 by doubling or halving twice; use mental multiplication strategies to multiply by 20, 25 and 9</p> <p>Revise converting 12-hour clock times to 24-hour clock times; find a time a given number of minutes or hours and minutes later; calculate time intervals using 24-hour clock format; measure lengths in mm and convert to cm; find perimeters in cm and convert cm to m</p> <p>Solve subtraction using a written method for 3-digit – 3-digit numbers and for 4-digit numbers; use counting up (Frog) as a strategy to perform mental subtraction; find change from a multiple of ten pounds using counting up</p>
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		Revise mental and written addition and subtraction strategies, choose to use a mental strategy or written method to solve addition and subtraction, choose to solve word problems involving multiplication and division questions including 2- and 3-digit by 1-digit and 2-digit by 2-digit using a mental or a written method, use mathematical reasoning to work out a function, identify the operation being used on numbers, understand that addition and subtraction are inverse operations multiplication and division, use function machines	from grams to kilograms and vice versa, from millilitres to litres and vice versa, and from metres to kilometres and vice versa; read scales to the nearest half division; understand that we measure distance in kilometres and miles; use ready reckoning to give approximate values of miles in kilometres and vice versa; draw line conversion graphs Use a written column method to add amounts of money in pounds and pence; add 2-place decimals using written column addition; subtract decimal numbers using counting up (Frog)		given dimensions and angles; use the properties of 2D shapes, including rectangles, to derive related facts; identify 3D shapes from 2D representations; create 3D shapes using 2D nets and draw 3D shapes Add 5-digit numbers using written column addition; subtract 5-digit numbers using written method (decomposition); check answers to subtractions using written column addition; solve subtractions of 4- and 5-digit numbers using written column subtraction or number line counting up	
Science	Scale and order of the solar system. Day and night. Sun's position in the sky and its effect on shadows. Phases of the Moon	Forces. The effect of forces. Investigate gravity on Earth and on other bodies in space. Investigate forces on a swing. Investigate friction and air resistance. Investigate water resistance. Levers and pulleys	Different life cycles in animals, including a seagull. Investigate germinating bean seeds. Complete and incomplete metamorphosis in life cycles. Human life cycle.	Explore the properties of materials. Test electrical conductivity. Investigate thermal insulation. Design an animal's hutch with regard to the materials used.	Separate solids by sieving. Reversible and irreversible changes. Investigate melting points. Investigate the effect of burning materials. Investigate the effect of acids.	Investigate dissolving and solubility by changing variables. Recover dissolved solid from a liquid. Carry out filtration of variety liquid mixtures
Geography	<u>Settlements</u> Choosing a site Urban and Rural Settlement hierarchy Types of settlement <u>Global location:</u> Continents, oceans and Mountains Cities and country studies.		<u>South America</u> Physical features of South America. Countries of South America Climate and ecosystems. Investigation and comparison of 3 countries - including population, settlement, and economy <u>OS Map Skills:</u> Direction, grid references, distance		<u>Rivers and coasts</u> – identifying river and coastal landforms and processes (erosion, transportation, deposition). Flooding and coast management. Field Trip along River Iwerne Cross Curricular Link: Science Water cycle	

History	The Georgians The four Georges Life in Georgian times. Jacobites The Arts General Wolfe	The Georgians Smugglers Changes in Industry and Agriculture American War of Independence Visit to Shire Hall, Dorchester.	The Georgians Slave Trade Nelson and Trafalgar	The Greeks Government Battles against the Persians Daily Life	The Greeks Trojan War Great buildings Gods and Goddesses Alexander the Great	The Greeks Theatre Thinkers Olympic Games
RS	Life's big questions (1) Easy, hard and ultimate questions. Is there a God? How do we look after the world? How did the world come into being? How shall I live my life? (Stories from various religions) Cross-curricular links: English and Drama	Life's big questions (2) How do we talk to him/he/ it? (The view from various religions) Preparation for Christmas: The Christmas Story – who is Jesus? Cross-curricular links: Drama	Islam (1) The biography of Muhammad. Learning about and from The Five Pillars: Shahadah, Salat, Zakat, Comparative Religion Focus: Pilgrimage Cross-curricular links: Drama and PHSE	Islam (2) Continued. Learning about and from The Five Pillars of Islam: Sawm, Hajj The Mosque and Muslim dress codes The Qu'ran Preparation for Easter: The Easter Story – why did Jesus have to die? Cross-curricular links: Drama and PHSE	Justice (1) The meaning of 'It's not fair!' Personal and social justice. Christian forgiveness: the stories of Gordon Wilson (Eniskillen) and Michael Watson (boxer). Cross-curricular links: Drama and Sport	Justice (2) Approaches to justice from two Islamic parables: The tale of the two frogs and The emperor and the seed. The teachings of Jesus on justice. Cross-curricular links: Drama and PHSE
French	Review greetings and introducing oneself Feelings and emotions Jobs	Review parts of the body Appearance Adjectives	Food and drink Mealtimes	Family and friends Animals	School life	Famous French people
Music	Roundabout: Imitation / Rounds / Canon (incl. Pachelbel's Canon).	Dot-dot-dot: Dotted Notes and Rhythms; Compound Time (reading, writing, performing).	Polyrhythm: Cyclic Patterns: Creating and performing rhythms in groups / individually.	African Music: Rhythm / African songs / instruments / soundscapes and styles.	The Symphony: Introduction to Symphonies as a genre: form, style across the centuries. Incl. performing extracts.	The Planets / Journey into Space: Introduction to <i>The Planets</i> by Holst. Creating Space music.
<p><u>Throughout the Year</u> Each term topics will be chosen and possibly mixed from the above selections, with activities appropriate to current Government COVID guidelines. Whole class singing occurs regularly in lessons, chapel and in choirs. (Sep 2020: Singing will only be carried out following the safety guidelines issued and updated by the Government). There will be opportunities to join a range of ensembles as the year progresses.</p>						
Art	Nature book	VENICE	Concertina City	Model Making	Take One Picture	Take One Picture

DT	Health and Safety in the workshop refresher. Biomimetic Buss Shelter Design and make a scale model of new shelter for a client through following a brief and context. Components to be designed using nature as inspiration.		Contemporary Birdhouse Review of design movements through time. Design and construct a functioning birdhouse from a range of appropriately justified materials.		Monsters Top Trumps card game Using computer aided design to create a card based game. Methods and scales of production.	
Computing	Creating and programming an interactive game on Scratch	Coding: Random numbers and simulations	Digital art	Virtual space design on Minecraft	Online safety website	Writing blogs (ongoing summer project)
PSHE	Bullying, friendship and relationships Belonging to groups	Bereavement Money management	Diversity Consent & Personal Boundaries	Diversity Consent & Personal Boundaries	British Values Parliament and Democracy	Suffragettes Extremism and Radicalisation
*PE	Gymnastics Trampolining Swimming – NTP: Water skills / stroke development	Gymnastics Trampolining Swimming – NTP: Water skills / stroke development	Gymnastics Trampolining Swimming – NTP: Water skills / stroke development	Gymnastics Trampolining Swimming – NTP: Water skills / stroke development	Tennis Swimming – NTP: Water skills / stroke development	Tennis Swimming – NTP: Water skills / stroke development
*Games	Boys: Rugby / Soccer Girls: Hockey/Netball	Boys: Rugby Girls: Hockey / Netball	Boys: Hockey/X-Country Girls: Netball/X-Country	Boys: Hockey/X-Country Girls: Netball X-Country	Boys: Cricket/Athletics Girls: Cricket/Athletics	Boys: Cricket/Athletics Girls: Cricket/Athletics

- Please note PE/Games activities/sports may need to change due to Covid-19 restrictions