CLAYESMORE

DORSET

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	**A Victorian Childhood** **Reading** Imagery & figurative language – example texts 'Street Child' Berlie Doherty Extracts from classic texts Compare settings, characters and themes Comprehension Guided reading **Writing** Poetry & descriptive writing using imagery Narrative voice and recounts **Speaking, listening and drama** Viewpoints Improvisation Active listening skills and strategies Dramatic conventions **SPaG** Types of nouns, noun phrases, determiners Adjectives and adjectival phrases	**A Victorian Childhood** **Reading** 'Street Child' Berlie Doherty Extracts from classic texts Compare settings, characters and themes Comprehension Guided reading **Writing** Journalistic texts linked to theme **Speaking, listening and drama** Formal presentation Active listening skills and strategies Dramatic conventions **SPaG** Verbs - regular and irregular Verb tense Clauses and phrases Brackets, dashes and commas for parenthesis Secure spelling (with dictation)	**The Power of Poetry** **Reading** **Reading** Range of types and styles of poems Narrative poetry – 'The Highwayman' and 'Macavity the Mystery Cat' Compare different versions of narrative poems – film, picture books, animation, stage Guided reading Comprehension **Writing** Wanted posters Poetry Response to narrative poetry **Speaking, listening and drama** Poetry off by heart Active listening skills and strategies Dramatic conventions **SPaG** Adverbs and adverbials Conjunctions	**Myths & legends** **Reading** Myths and legends Character study Guided reading Comprehension **Writing** Own myth or legend (audience and purpose) **Speaking, listening and drama** Myths and legends – perform scenes Dramatic conventions **SPaG** Prepositions and prepositional phrases Direct & reported speech Revise punctuation Secure spelling (with dictation)	**The Many Faces of Advertising** **Reading** Variety of texts TV advertisements Guided reading Comprehension **Writing** Advertisements **Speaking, listening and drama** Formal presentation – TV advertisement Active listening skills and strategies Dramatic conventions **SPaG** Pronouns Paragraphs Revise punctuation Secure spelling (with dictation)	**Explain & Instruct** **Reading** Explanation texts Instructional texts **Writing** Explanation Instruction – recipe, favourite sport, care of favourite or imaginary animal **Speaking, listening and drama** Verbal explanations and instructions Active listening skills and strategies Dramatic conventions **SPaG** Apostrophe – omission and possession Active and passive voice Revise punctuation Secure spelling (with dictation)

	Types of sentences Revise punctuation (as appropriate to group) – capital letters, full stop, question mark, exclamation mark, comma, colon, semi-colon, brackets, dashes, commas for parenthesis, ellipsis, hyphen, bullet points Recount texts – time connectives, past tense Secure spelling (with dictation)		Revise punctuation Secure spelling (with dictation))			
Maths	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 Add and subtract 2-digit numbers mentally; choose a strategy for solving mental additions or subtractions; solve word problems Understand place value in decimal numbers; multiply and divide numbers with up to two decimal places by 10 and 100; multiply and	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 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	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 Rehearse mental	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 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 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	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 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	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 Add and subtract 2-digit numbers mentally; choose a strategy for solving mental additions or subtractions; solve word problems Understand place value in decimal numbers; multiply and divide numbers with up to two decimal places by 10 and 100; multiply and

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

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

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 | fraction and solve division word problems

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

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 | 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)

Use rules of divisibility to find if numbers are divisible by 2, 3, 4, 5, 9 and 10; identity 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

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 | 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

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
Solve subtraction of 4-digit numbers using written column subtraction (decomposition); add several numbers using written column addition; use column to solve problems | multiply 2-digit and 3-digit numbers by teens numbers

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

Read and mark co-ordinates in the first two quadrants; draw simple polygons using co-ordinates; 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 | 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

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

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 |

		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)		shapes using 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 effect of acids.	Investigate dissolving and solubility by changing variables. Recover dissolved solid from a liquid. Carry out filtration of variety liquid mixtures
Geography	Water – How do we use water? Water at home and school. Arid places of the world. Water Aid in Africa, coping with water shortage. Identifying features on an OS map. Field Trip to Wessex Water		Settlements The development and growth of settlements. Early siting of settlements and describing their situation. Differences between urban and rural locations, Hierarchy of settlement. Planning issues		Rivers and coasts – 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	

	Global location: Continents, oceans, cities and mountains.		Cross curricular link: History and study of Vikings /Medieval Villages. OS Map Skills: Direction, grid references, distance			
History	**The Georgians** The four Georges Life in Georgian times Jacobites The Arts General Wolfe THROUGHOUT THE YEAR THERE ARE CROSS CURRICULAR LINKS WITH ART, IT AND GEOGRAPHY	**The Georgians** Smugglers Changes in Industry and Agriculture American War of Independence Visit to Shire Hall and Blandford Costume Museum	**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/her 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 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 a The emperor and the seed. Cross-curricular links: Drama and PHSE
French	Greetings Numbers 1 – 20 – link to maths Classroom Colours	Pets Personal ID	Brothers and sisters Numbers 1 - 50 Body	Numbers - 60 Personal description Time (hours) Cross Curricular Link: maths	Recycling of language Likes/dislikes with sports	Weather Cross curricular link: geography
Music	*Roundabout* – Exploring rounds – developing pupils' ability to sing and play music in two (or more) parts. (2 x lessons per week in total – 1 lesson is a whole class ukulele lesson for second	Contd.	*Cyclic Patterns* – Exploring rhythm & pulse – children learn to perform rhythmic patterns confidently and with a strong sense of pulse. Cross Curricular Link: geography and maths	Contd.	*Bournemouth Symphony Orchestra Schools' Project*	*Journey into Space* – Exploring sound sources – developing children's ability to extend their sound vocabulary and compose a soundscape.

						Cross Curricular Link: ICT
	Across the Year Whole class singing occurs regularly in lessons & through other mediums (Junior Choir) Junior Orchestra and other smaller ensembles is an option for instrumentalists					
Art	Still Life /The Highwayman	MEXICO DAY OF THE DEAD	Mark Herald	Emily Sutton	Take One PIcture	Circus
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	Coding – direction, speed and coordinates.	Online safety – Website design.	Creating an educational game on Scratch.	Virtual space design on Minecraft.	Coding – random numbers and simulations.	Writing blogs (summer project).
PSHE	Relationships	Relationships cont'd Managing Money	Identities	Identities	Critical Thinking Democracy	Democracy
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	Athletics: Running / Jumping / Throwing / Pace Skills Tennis – Boys only Cricket – Girls only	Athletics: Running / Jumping / Throwing / Pace Skills Tennis – Boys only Cricket – Girls only
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: Athletics/ Rounders/ Tennis	Boys: Cricket/Athletics Girls: Athletics/ Rounders/ Tennis