



CLAYESMORE
PREP

2020-21 Curriculum Map: Year 3

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	Narrative : setting Using Roald Dahl stories Roald Dahl Characters Fact and fiction Plays Library skills Instructions Narrative : dialogue Shape poetry Christmas activities		Persuasive Writing Create adventure story based on own unique castle. Continue with own adventure stories Non – fiction : finding facts about chocolate and presenting as a poster Fiction – using ‘Charlie and the Chocolate Factory’ as class reader, write about the characters of the story. Design their own imaginary chocolate bar looking at own persuasive vocabulary Advertisements on chocolate bars		Story Writing Newspaper articles Letter writing Sound poems (Literacy hour – Sue Garnett) Play Scripts	

<p>Spag</p>	<p>Punctuation - Full stops and capital letters Spelling - vowels and consonants Words with the long 'ay' sound spelt with ei Adjectives and powerful adjectives Spelling - Words with the long 'ay' sound spelt with ey Nouns - Common and proper Spellings - words with ay sound spelt with ai Nouns - compound and pronouns Spelling - ear words Collective nouns Spellings - homophones and near homophones Adjectives Spellings - homophones and near homophones Verbs Spellings - dictation passage and spot the mistake Adverbs Spellings - Creating adverbs using the suffix -ly (no change to root word) Speech marks Spellings - Creating adverbs using the suffix -ly (root word ends in 'y' with more than one syllable) Conjunctions Spellings - Creating adverbs using suffix -ly (root word ends in 'le') Prepositions Spellings - Creating adverbs using the suffix -ly (root word ends in 'ic' or 'al') Subordinate clauses Spellings : Creating adverbs using the suffix -ly (exceptions to the rules) Expanded noun phrases Spellings: Statutory spelling challenge words Dictation and spot the mistake</p>		<p>Spellings - words with short 'i' sound spelt with 'y' Grammar: a or an Spellings - Adding suffixes beginning with a vowel (er/ed/ing) to words with more than one syllable (unstressed last syllable - DO NOT double the final consonant Grammar : revise basic grammar (nouns, adjectives, verbs, adverbs) Spellings - Adding suffixes beginning with a vowel (er/ed/ing) to words with more than one syllable (stressed last syllable - double the final syllable) Grammar : Subordinate Conjunctions (revise subordinate clauses) Spellings - Creating negative meanings using prefix mis- Grammar : Fronted Adverbials Spellings - Creating negative meanings using prefix dis- Punctuation : Commas Spellings - Words with a 'k' sound spelt with 'ch' Grammar : Conjunctions Spellings - Dictation and spot the mistake Grammar : Identify adjectives Spellings - Homophones and near homophones (weeks 1 & 2) Grammar : Changing Adjectives Spellings - Adding the prefix bi- (meaning two or twice) and adding the prefix re- (meaning again or back) Grammar : Classifying adjectives Spellings - words with a 'sh' sound spelt with 'ch' Grammar : Adjectives in writing</p>		<p>Spellings - words ending in -ary Grammar-Apostrophes Spellings - words with a short 'u' sound spelt with 'o' Grammar- Paragraphs Spellings - words with a short 'u' sound spelt with 'ou' Grammar- commas and inverted commas Spelling - word families based on common words showing how words are related in form and meaning Grammar-Speech marks Spellings - word families based on common words showing how words are related in form and meaning Grammar- Punctuation in writing Spellings - word families based on common words showing how words are related in form and meaning Grammar- Sentence writing and conjunctions (Time words) Spellings - dictation and spot the mistakes Spellings - Words ending with a 'zher' sound spelt with 'sure' Spellings - words ending with a 'cher' sound spelt with 'ture' Spellings - Words ending with a 'cher' sound spelt with 'ture'</p>	
<p>Maths</p>	<p>Use multiple of 5 and 10 bonds to 100 to solve additions and subtractions; add and subtract 1-digit numbers to and from 2-digit numbers Compare and order 2- and 3-digit numbers; count on and</p>	<p>Doubling and halving numbers up to 100 using partitioning; understanding fractions and fractions of numbers Use money to add and subtract and record using the correct notation and place value; add and subtract 2-digit numbers</p>	<p>Rehearse place value in 3-digit numbers order them on a number line and find a number in between; compare number sentences; solve additions and subtractions using place value; multiply and divide by 10 (whole number answers); count in</p>	<p>Understand place-value in 3-digit numbers; separate 3-digit numbers into hundreds, tens, and ones; add two 3-digit numbers using vertical written addition (expanded); add 2- and 3- digit numbers using vertical written addition (expanded)</p>	<p>Add 3-digit and 1-digit numbers mentally, using number facts; subtract 1-digit numbers from 3-digit numbers mentally using number facts; add and subtract multiples of 10 by counting on and back in 10s and using number facts to cross 100s; compare</p>	<p>Use column addition to add three 2- and 3-digit numbers together and four 2- and 3-digit numbers together; subtract 3-digit numbers using counting up; solve word problems choosing an appropriate method</p>

<p>back in 10s and 1s; add and subtract 2-digit numbers; solve problems using place value</p> <p>Know multiplication and division facts for the 5, 10, 2, 4 and 3 times-tables; doubling and halving</p> <p>Know and understand the calendar, including days, weeks, months, years; tell the time to the nearest 5 minutes on analogue and digital clocks; know the properties of 3D shapes</p> <p>Comparing, ordering and understanding place value of 2- and 3-digit numbers; subtracting from 2- and 3-digit numbers; using prediction to estimate calculations</p>	<p>using partitioning; add three 2-digit numbers by partitioning and recombining.</p> <p>Choose an appropriate instrument to measure a length and use a ruler to estimate, measure and draw to the nearest centimetre; know 1 litre = 1000 ml; estimate and measure capacity in millilitres</p> <p>Place 2- and 3-digit numbers on a number line; round 3-digit numbers to nearest 100; use counting up to do mental subtractions with answers between 10 and 20, 10 and 30, and either side of 100</p> <p>Revise times-tables learned and derive division facts; perform division with remainders; choose a mental strategy to solve additions and subtractions; solve word problems</p>	<p>steps of 10, 50 and 100.</p> <p>Add pairs of 2-digit numbers using partitioning (crossing 10s, 100 or both) and then extend to add two 3-digit numbers (not crossing 1000); recognise and sort multiples of 2, 3, 4, 5, and 10; double the 4 times-table to find the 8 times-table; derive division facts for the 8 times-table; multiply and divide by 4 by doubling or halving twice</p> <p>Identify $\frac{1}{2}$s, $\frac{1}{3}$s, $\frac{1}{4}$s, $\frac{1}{6}$s, and $\frac{1}{8}$s; realise how many of each make a whole; find equivalent fractions; place fractions on a 0 to 1 line; find fractions of amounts</p> <p>Recognise right angles and know they are 90°; understand angles are measured in degrees; recognise $^\circ$ as the symbol for the measurement of degrees; name and list simple properties of 2D shapes; begin to understand and use the term perimeter to mean the length/distance around the edge (border) of a 2D shape; begin to calculate using a ruler; know a right angle is a quarter turn; know 360° is a full turn; begin</p>	<p>Add two 2-digit numbers mentally; add 2-digit to 3-digit numbers mentally using place value and rounding; add two 3-digit numbers using expanded written method (answers under 1000); begin to move tens and hundreds moving towards formal written addition; add two 3-digit numbers using expanded column addition; investigate patterns in numbers when adding them; choose to solve addition using a mental method or expanded column addition (written method)</p> <p>Tell the time to the nearest minute on analogue and digital clocks (minutes past and minutes to); time events in minutes and seconds; find a time after a given interval (not crossing the hour); calculate time intervals; solve word problems involving time</p> <p>Order 3-digit numbers and find numbers between; solve subtractions of 3-digit - 3-digit numbers using counting up (Frog); use counting up and counting back as strategies to perform mental subtractions;</p>	<p>and order fractions with the same denominator; begin to recognise equivalences of $\frac{1}{2}$; add and subtract fractions with the same denominator</p> <p>Use function machines to multiply by 2, 3, 4, 5 and 8 and understand the inverse; use scaling to multiply heights and weights by 2, 4, 8, 5 and 10; use known facts to multiply multiples of 10 by 2, 3, 4 and 5; multiply numbers between 10 and 30 by 3, 4 and 5 using the grid method; multiply 2-digit numbers by 3, 4, 5 and 8 using the grid method</p> <p>Divide without remainders, just beyond the 12th multiple; division using chunking, with remainders; use the grid method to multiply 2-digit numbers by 3, 4, 5 and 8; begin to estimate products</p> <p>Draw and interpret bar charts and pictograms where one square/symbol represents two units; compare and measure weights in multiples of 100g; know how many grams are in a kilogram; estimate and weigh objects</p>	<p>Add 3-digit numbers using column addition; solve problems involving measures; solve subtractions of 3-digit numbers using counting up on a line and work systematically to find possibilities; choose an appropriate strategy to solve addition or subtraction</p> <p>Identify, name and draw horizontal, vertical, perpendicular, parallel and diagonal lines, angles and symmetry in 2D shapes; measure the perimeter of 2D shapes by counting and measuring with a ruler; tell the time on analogue and digital clocks to the minute, begin to tell the time 5, 10, 20 minutes later, recognise am and pm and 24-hour clock times</p> <p>Use the grid method to multiply 2-digit numbers by 3, 4, 5, 6 and 8; estimate products; divide using chunking, with and without remainders; decide whether to use multiplication or division to solve word problems; recognise tenths and equivalent fractions; find one-tenth and several tenths of multiples of 10</p>
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			to understand angles and identify size of angles in relation to 90° Place 3-digit numbers on empty 100 number lines; begin to place 3-digit numbers on 0-1000 landmarked and empty number lines; round 3-digit numbers to the nearest ten and to the nearest hundred; use counting up as a strategy to perform mental subtraction (Frog); subtract pounds and pence from five pounds; use counting up (Frog) as a strategy to perform mental subtraction of amounts of money; subtract pounds and pence from ten pounds	choose to solve a given subtraction by counting up or counting back Double and halve numbers up to 100 by partitioning; solve word problems involving doubling and halving; multiply numbers between 10 and 25 by 1-digit numbers using the grid method; divide multiples of 10 by 1-digit numbers using known tables facts; see the relation between multiplication and division	to the nearest 100g; draw and interpret bar charts where one square represents one hundred units Add 3-digit and 2-digit numbers using mental strategies; add two 3-digit numbers using mental strategies or by using column addition; use reasoning, trial and improvement to solve problems involving more complex addition	and begin to find one-tenth of single-digit numbers Revise column addition for adding three 3-digit numbers; revise mental strategies for addition; subtract 3-digit numbers using written and mental methods; find change using counting up; check subtraction using addition; multiply numbers between 10 and 40 by 1-digit numbers using grid method; solve division problems just beyond the known tables facts
Science	Movement and Feeding. Function of muscles and skeleton and muscles in mammals. Animal nutrition, food groups and balanced diet	Light and shadow. Needed to see, various reflective surfaces, path of light, investigate shadows, use of silhouettes	Magnets and Forces. Identify various forces in action. Magnetic poles, fields and strength. Magnetic materials.	Rocks and Soil. Identify, compare and classify various rocks and soils. Understand how these are formed. Mohs scale. Fossil formation	Parts of Plants. Functions of roots, leaves, stem, flower. Investigate water transport in plants. Plant life cycles. Photosynthesis	What Plants Need. Role of oxygen, water, space and light. Hydroponics, absence of soil, root bound plants
Geog.	<u>Mapping skills</u> <u>Local Area</u>		<u>Rainforests</u> Layers of the rainforest. Plants and animals. How the rainforests help our planets. Destruction of rainforests.		<u>Weather</u> Different types of weather and what their effects are.	
History	<u>The Stone Age</u> Ice Age and early man Life in the Stone Age Life in the Bronze Age and how it differed from the Stone Age	<u>The Stone Age</u> What was Stonehenge and why was it built? What was the Iron Age? Who were the Celts? Visit to Stonehenge	<u>Ancient Egyptians</u> The importance of the River Nile Daily life in Ancient Egypt The pharaohs of Egypt Life after death	<u>Ancient Egyptians</u> Tutankhamun Gods & Goddesses Visit to Egyptian Museum Dorchester	<u>Children in World War II</u> The causes of the war and major events The Blitz Evacuees War in Dorset Life on the Home Front	<u>Children in World War II</u> D-Day Visit Nothe Fort for evacuee experience

RS	Preparation for Harvest Festival The Old Testament	Remembrance The Old Testament	Judaism	Judaism	The New Testament	The New Testament
French	Greetings Introductions Counting to 10	Everyday actions Colours Clothes	Food Colours review	My Family Pets My Home	School	Time Counting from 11 to 31
Music	Pulse-8: Keeping pulse; note values; simple rhythms.	Notes on the treble stave: Learning note names in the treble clef.	Play it again: Note values; Simple (duple) Time; Rhythm patterns and Ostinato; Intro to Graphic Scores	Animal Magic: Descriptive sounds; Intro to Dynamics and Tempo; Carnival of the Animals; Peter and the Wolf.	See-Saw: Musical Scales (and revision of treble clef).	The Class Orchestra: Performing music together as a class band or orchestra.
<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).</p>						
Art	Quentin Blake, Ian Beck and Illustration	Matisse	Egyptian Art	Stories in Art / The Owl and the Pussy Cat	Children in Art	Take One Picture
DT	Health and Safety in the workshop refresher. Gadget Stand Classification and types of plastics, wasting and finishing techniques for Acrylic, use of jigs, line bending. Key ring extension	Poplar pebble Shaping natural timber using the wasting process to achieve an organic shape. Laser etched detail added to top.	Sweet Safe Working with plastics and timbers. Focus on exact and accurate measuring and cutting methods.	Ergonomic Pen Understanding the importance of ergonomics. Making of a personalised pen from natural timber stock. Wasting process and the Pillar Drill.	Laser cut Jigsaw Designing using 2d Design CAD, cutting and etching using the laser cutter CAM. Lamination of jigsaw frame and types glue when joining timber.	Book end Using experiences from the year's projects. Students can use a combination of plastics and timbers to design and make a book end of their own design.
Computing	Creating and programming an animation on Scratch.	Debugging programs on Scratch	Vlogging and searching for information	Online safety	Creating an online survey	What's inside a computer?
PSHE 1st year of 2 year cycle with year 3	Go Givers Community Centre There's no place like home	Equal Opportunities Sharing Friends and Sibling Rivalry	Online Friendships Fair Trade	Online Friendships Types of Families	It is great to be me (Life Education Van) British values	The Green-Eyed Monster Emergencies

2nd year of 2 year cycle with year 3	Meet the GoGivers Peer Pressure	Healthy Minds		Consent & Personal Boundaries		
Outdoor Education	Foraging Navigation Walking skills Survival/camp skills	Survival/camp skills Foraging Navigation Walking skills	2 x outdoor activities Natural world Forest School links	2 x outdoor activities Natural world Forest School links	2 x outdoor activities team/soft skills	2 x outdoor activities team/soft skills
*PE	Gymnastics Swimming: Water skills / stroke development	Gymnastics Swimming: Water skills / stroke development	Trampolining Swimming: Water skills / stroke development	Trampolining Swimming: Water skills / stroke development	Tennis Swimming: Water skills / stroke development	Tennis Swimming: 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