

Yearly overview Year 5 26/27

Term	1a	1b	2a	2b	3a	3b
Topic Title	Marvellous Magic	Battle of Britain	Earth & Space	Vikings & AS	Global Class	Local
Hook/Experience	Beach Visit	Visit cenotaph Poppies on the Pier Aircraft museum	Visit museum and planetarium - arrange for start of spring 2b.			Local
Class reader	Platform 13 (focus on the island aspect, map drawing, the coast is a portal)	Platform 13 continued	Dr Maggie Explorer	Viking Boy	Viking Boy	Poetry
Writing Genre	Portal story	Recounts (Newspaper report Diaries in other subjects) War poetry	Non-chron (Planet 9) Diary	Beating the Monster story	Persuasive leaflets	Explanation
Reading	Vipers	Vipers	Vipers	Vipers	Vipers	Vipers
Writing (GPS)	Setting and character description Portal story features: Suitable setting name Hints of magic/suspense A portal Ellipsis to add intrigue	Formal language Name of newspaper Headline Hook 5 W's Reporters description Eyewitness description Quote from survivor Extra facts Warning/advice	Using commas to avoid ambiguity Generalisers Formal sentence openers Conjunctions Comparison Sentences. Colons and semi colons in a list.	Relative Clauses Semi colons/colons/das hes to separate independent clauses.	parentheses, hyperbole, imperative verbs, 2nd person, quotations	causal language Generalisation Detail to help understand points Technical vocabulary. Chronological.

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	General MC traits and reactions Interesting sentence openers List to describe Ambitious vocabulary Use of senses Sophisticated connectives					
Number Shape space and measure	NUMBER SENSE Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit · count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000 · round any number up to 1,000,000 to the	NUMBER SENSE Roman Numerals Revisit place value Prime Numbers Finding factors of given numbers ADDITION & SUBTRACTION Column method addition 4d + 4d (Without and with exchange) Column method subtraction 4d - 2d/3d/4d with and without exchange)	MULTIPLICATION AND DIVISION Multiply and divide mentally using known facts; divide numbers up to 4 digits by a 1-digit number using short division and interpret remainders appropriately. FRACTIONS Compare and order fractions whose denominators are multiples of the same number;	NUMBER SENSE Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit; develop decimal place-value understanding, including numbers with up to three decimal places. ADDITION & SUBTRACTION using mental and formal written methods, progressing to whole numbers	NUMBER SENSE Interpret negative numbers in context and count forwards and backwards with positive and negative whole numbers, including through zero; recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents; read, write, order and compare numbers with up to three decimal places.	ADDITION & SUBTRACTION Add and subtract whole numbers with more than four digits using formal written methods; subtract numbers involving decimals, including hundredths; MULTIPLICATION AND DIVISION Divide numbers up to four digits by a one-digit number using short division; solve multiplication and

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	nearest 10, 100, 1,000, 10,000 and 100,000 · solve problems and practical problems that involve all of the Above ADDITION & SUBTRACTION · add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction) · add and subtract numbers mentally with increasingly large numbers · use rounding to check answers to	MULTIPLICATION AND DIVISION Multiply dp by 10, column method 2d x 2d, Fact families for division and multiplication. Division by 10, 100 Complete a full coin card and know when to add multiples together. STATISTICS Design and interpret a standard Bar Chart. Drawn and interpret a line graph. AMOUNTS Time- calculating time gaps Using Roman numerals to tell the time Space- converting ML to L and back.	identify and write equivalent fractions; recognise mixed numbers and improper fractions and convert between them; count forwards and backwards in fractions, including beyond one whole; find fractions of amounts; PERCENTAGES Recognisethe per cent symbol (%) and understand percentages as parts per hundred; make connections between fractions, decimals and percentages. MEASUREMENT Measure and calculate the perimeter of composite rectilinear shapes; find missing side	with more than four digits; multiply numbers up to four digits by a one- or two-digit number; add and subtract decimal numbers accurately using place value. FRACTIONS Identify and use equivalent fractions; simplify fractions using known equivalences; compare and order fractions; convert between improper fractions and mixed numbers; add and subtract fractions where denominators are the same or multiples of the same number; DECIMALS	MULTIPLICATION AND DIVISION Divide numbers up to four digits by a one-digit number using short division and interpret remainders appropriately; multiply numbers up to four digits by a one- or two-digit number using formal written methods; multiply and divide whole numbers and numbers involving decimals by 10, 100 and 1,000; recognise and use prime, square and cube numbers; solve multiplication and division problems using appropriate written and mental methods. FRACTIONS Identify, name and use equivalent fractions;	division problems, including problems involving scaling by simple fractions and simple rates. FRACTIONS, DECIMALS& PERCENTAGES Multiply proper fractions and mixed numbers by whole numbers; recognisethe per cent symbol (%) and understand percentages as parts per hundred; make connections between percentages, fractions and decimals and apply these when solving problems. MEASUREMENT Calculate and compare the area of rectangles, including squares, using standard units such as cm²

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	calculations and determine, in the context of a problem, levels of accuracy· solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why MULTIPLICATION AND DIVISION· identify multiples and factors, including finding all factor pairs of a number, and common factors of 2 numbers · multiply and divide numbers mentally, drawing upon known facts	POSITION & DIRECTION Moving a specific point horizontally and vertically AMOUNTS OF A TURN Reviewing types of angles and measuring them with a protractor.	lengths and use these to calculate total perimeter. GEOMETRY Properties of shapes: Recogniseand describe regular and irregular polygons; identify 3-D shapes from 2-D representation Earlier learning involving triangles, quadrilaterals and simple nets will be revisited and consolidated where appropriate. Position and direction: Identify, describe and represent the position of a shape following a translation or reflection, using appropriate mathematical language.	develop understanding of decimals, including hundredths and numbers with up to three decimal places. MEASUREMENT Convert between metric units of measure, including kilograms and grams and litres and millilitres; use multiplication, division and place-value knowledge when converting measures; solve problems involving measures using decimal notation. TIME Calculate time intervals and solve problems involving converting between units of time.	recognisemixed numbers and improper fractions and convert between them; compare and order fractions whose denominators are multiples of the same number; add and subtract fractions with the same denominator and denominators that are multiples of the same number; multiply proper fractions and mixed numbers by whole numbers; apply understanding of fractions to quantities and problem-solving. MEASUREMENT Convert between metric units of measure, including kilometres and metres and litres and millilitres; use	and m²; understand that area is measured using standard-sized square units; estimate the area of irregular shapes; estimate volume using cubic units and estimate capacity; solve problems involving money and measures; convert between units of time and calculate time intervals. GEOMETRY Properties of shapes: Distinguish between regular and irregular polygons based on reasoning about equal sides and angles; identify 3-D shapes from 2-D representations. Simple nets may be explored and matched to 3-D

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	· multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000 · recognise and use square numbers and cube numbers, and the notation for squared (2) and cubed (3) FRACTIONS· identify, name and write equivalent fractions of a given fraction, · represented visually, including tenths and hundredths · round decimals with 2 decimal places to the nearest whole number and to 1 decimal place		STATISTICS Consolidate earlier work on bar charts and develop understanding of presenting and interpreting data, (tables and line graphs).		place-value and multiplication/division knowledge when converting measures; solve problems involving converting between units of time and calculate time intervals. GEOMETRY Properties of shapes: Estimate, compare, draw and measure angles in degrees using a protractor; identify angles at a point, on a straight line and other multiples of 90°; explore and measure angles within quadrilaterals and use known properties to reason about angles.	shapes as part of this learning. GEOMETRY Position and direction: Identify, describe and represent the position of a shape following a reflection or translation, using appropriate mathematical language and understanding that the shape itself has not changed. STATISTICS Solve comparison, sum and difference problems using information presented in line graphs; complete, read and interpret information in tables, including timetables; consolidate earlier

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	MEASUREMENT · Convert between different units of metric measure- kg and grams · use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including Scaling GEOMETRY · identify 3D shapes, including cubes and other cuboids, from 2D representations · distinguish between regular and irregular polygons based on reasoning					learning involving bar charts and different representations of data.

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	about equal sides and angles · identify angles at a point and 1 whole turn (total 360°) · identify angles at a point on a straight line and half a turn (total 180°)					
Science	Materials	Materials	Earth & Space	Living Things & Habitats	Animals including humans	Forces
History/Geog	Geog: Coasts	Hist: Start of War , Dunkirk then Battle of Britain as a turning point End of war	Geog: South America -human/phys	Hist: Vikings & Anglo-Saxons	Local history/geog	TBC
Art/Music/DT	Edward Robert Hughes	Recorder Making christmas hanging stockings Collage of poppies	Fresh Prince of Bel air Making rock cakes Peter Thorpe	Viking sea shanty Rock cakes Viking pottery	Jazz Building bridges Pollock vs Bacon	Dancing in the street Building bridges Block painting
PHSE	How to keep safe at home and in local environment	Life to the full - Ten Ten Module 2, unit 1 Under Pressure, Piece of Cake, Is Go	Unit 3 Keeping Safe Sharing isn't always caring, Cyberbullying,	Unit 1 Religious Understanding, Calming the Storm Module 2 unit 1 - Catholic social	Module one, unit 3 Emotional well-being Body image,peculiar	Unit 2 Me , My Body and My Health Gifts and Talents, Girls and Boys

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		calling you? Self-Talk	Types of abuse, Impacted lifestyles, Making good choices.	teaching, religious understanding	feelings, emotional changes, seeing stuff online	bodies, Spots and Sleep. Unit 4 - Life Cycles, Session 3 - Menstruation, Making Babies part one only The trinity to tie in with Trinity Sunday.
PE	Tennis Nature Area	Boxing, Netball and Hockey	Gym, Football, Athletics	Dance, Throw, Sprint	Fencing, fitness and Rounders	Nature Area and mixed activities.