	Mathematics	Literacy	<u>Science</u>
Written methods	 To multiply multi-digit numbers up to 4 digits 	Fiction	This term, the children will be learning about
for multiplication	by a two-digit whole number using	Check that the book makes sense, discussing understanding and	Classifying Organisms.
and division	the efficient written method of long	exploring the meaning of words in context.	 Describe how living things are classified into
	• To divide numbers up to 4 digits by a two-	Recommend books to peers, giving reasons for choices.	broad groups according to common
	digit whole number using efficient written	Identify and discuss themes and conventions in and across a wide	observable characteristics and based on
	methods of long division and interpret	range of writing.	cimilarities and differences, including micro
	remainders as whole numbers, remainders,	Draw inferences such as inferring characters' feelings, thoughts and	similarities and unreferices, including micro-
	fractions or by rounding as appropriate in the	motives from their actions, and justifying inferences with evidence.	organisms, plants and animals.
	context.	Predict what might happen from details stated and implied.	Give reasons for classifying plants and animals
Comparing,	• To compare and order fractions, including	Identify the audience for writing.	based on specific characteristics.
ordering and	tractions >1.	Choose the appropriate form of writing using the main features	
fractions	• To use common multiples to express fractions in	identified in reading.	The children might work scientifically by:
Indetions	the same denomination.	Note, develop and research ideas.	Planning different types of scientific enquiries to
Multiplying	• To identify the value of each digit to three	Plan, draft, write, edit and improve.	answer questions, including recognising and controlling
decimals by 10,	decimal places and multiply and divide	Use the techniques that authors use to create characters, settings	answer questions, including recognising and controlling
100 and 1000	numbers by 10, 100, 1000 where the answers	and plots.	variables where necessary
	are up to three decimal places.	Interweave descriptions of characters, settings and atmosphere with	Taking measurements, using a range of scientific
	• To solve problems which require answers to	dialogue.	equipment, with increasing accuracy and precision,
	be rounded to specified degrees of	Journalistic Writing	taking repeat readings when appropriate
Order of	• To perform mental calculations, including	Summarise the main ideas drawn from more than one paragraph,	Recording data and results of increasing complexity
operations	with mixed operations and large numbers.	identifying key details that support the main ideas.	using scientific diagrams and labels, classification keys,
	• To use their knowledge of the order of	 Identify how language, structure and presentation contribute to 	tables, scatter graphs, bar and line graphs
	operations to carry out calculations involving	meaning.	Using test results to make predictions to set up further
	the four operations.	Retrieve and record information from non-fiction.	comparative and fair tests
	• To solve addition and subtraction multi-step	Identify the audience for writing.	Dresenting findings from enquiries including
	problems in contexts, deciding which	Choose the appropriate form of writing using the main features	Presenting findings from enquiries, including
	• To solve problems involving addition	identified in reading.	conclusions, causal relationships and explanations of
	subtraction, multiplication and division.	 Note, develop and research ideas. 	and degree of trust in results, in oral and written forms
	• To use estimation to check answers to	Plan, draft, write, edit and improve.	such as displays and other presentations
	calculations and determine, in the context of a	Guide the reader by using a range of organisational devices,	Identifying scientific evidence that has been used to
	problem, levels of accuracy.	including a range of connectives.	support or refute ideas or arguments.
2D and 3D shapes	 To draw 2D shapes using given dimensions 	Choose effective grammar and punctuation and propose changes	
	and angles.	to improve clarity.	
	 To compare and classify geometric shapes based on their properties and sizes and 	• Ensure correct use of tenses throughout a piece of writing.	
	find unknown angles in any triangles	Write paragraphs that give the reader a sense of clarity.	
	quadrilaterals and regular polygons.	 Write paragraphs that make sense if read alone. 	
	• To recognise, describe and build simple 3D	Write cohesively at length.	
	shapes, including making nets.		