Maths	**Literacy**	**Science**

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Fractions:
Compare and order fractions whose denominators are multiples of the same number.
Identify, name and write equivalent fractions of a given fraction, represented visually including tenths and hundredths.
Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements >1 as a mixed number [for example 2/5 + 4/5=6/5=1 and 1/5].
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, supported by materials and diagrams.
Read and write decimal numbers as fractions [for example 0.71 = 71/100].
 	
Decimals:
Read, write, order and compare numbers with up to three decimal places.
Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents.
Round decimals with two decimal places to the nearest whole number and to one decimal place.
Solve problems involving number up to three decimal places.
Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000.
Use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling.
	This term children will be looking at many of the literacy objectives through their Topic, The Vikings versus the Saxons.
	They will focus on the following genres and related objectives:
	Recounts (Particularly Historical Recounts)
	• Identify the audience for writing.
	• Choose the appropriate form of writing using the main features identified in reading.
	• Note, develop and research ideas.
	• Plan, draft, write, edit and improve.
	• Guide the reader by using a range of organisational devices, including a range of connectives.
	• Choose effective grammar and punctuation and propose changes to improve clarity.
	• Write paragraphs that give the reader a sense of clarity.
	• Write paragraphs that make sense if read alone.
	• Write cohesively at length.
	
	Persuasive Writing. As well as deepening the work on the above we will focus particularly on being able to:
	Write sentences that include:
	  • relative clauses
	  • modal verbs
	  • relative pronouns
	  • brackets
	  • parenthesis
	  • a mixture of active and passive voice
	  • a clear subject and object
	  • hyphens, colons and semi colons
	  • bullet points.
	Write fluently and legibly with a personal style.
		This term the children will study Earth's movement in space:
		
		• Describe the movement of Earth relative to the Sun.
		• Describe the movement of the Moon relative to Earth.
		• Describe the Sun, Earth and Moon as approximately spherical bodies.
		• Use the ideas of the Earth's rotation to explain day and night.
		
		The children will work scientifically to develop the following skills:
		• Plan enquiries, including recognising and controlling variables where necessary.
		• Use appropriate techniques, apparatus, and materials.
		• Take measurements, using a range of scientific equipment, with increasing accuracy and precision.
		• Record data and results.
		• Report findings from enquiries, including oral and written explanations of results.
		• Present findings in written form, displays and other presentations.
		• Use test results to make predictions.

Percentages: Recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal. Solve problems which require knowing percentage and decimal equivalents of ½, ¼, 1/5, 2/5, 4/5 and those fractions with a denominator of a multiple of 10 or 25	**Fiction - Write stories that contain historical characters or events.** • Use the techniques that authors use to create characters, settings and plots. • Create vivid images by using alliteration, similes, metaphors and personification. • Interweave descriptions of characters, settings and atmosphere with dialogue. In discrete grammar and spelling lessons, the children will focus on developing age-related spelling strategies, and their understanding of grammatical terms and usage.	