$\bigstar$	<image/>
Maths	<ul> <li>Number: Number and Place Value <ul> <li>count from 0 in multiples of 4, 8, 50 and 100</li> <li>find 10 or 100 more or less than a given number</li> <li>recognise the place value of each digit in a three-digit number (hundreds, tens, ones)</li> <li>compare and order numbers up to 1000</li> <li>identify, represent and estimate numbers using different representations</li> <li>read and write numbers up to 1000 in numerals and in words</li> <li>solve number problems and practical problems involving these ideas.</li> </ul> </li> <li>Number: Addition and Subtraction <ul> <li>add and subtract numbers mentally, including</li> <li>a three-digit number and ones</li> <li>a three-digit number and hundreds</li> <li>add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction</li> <li>estimate the answer to a calculation and use inverse operations to check answers</li> <li>solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.</li> </ul> </li> </ul>

#### Number- Multiplication and Division

- recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables
- write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods
- solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects.

# <u>Fractions</u>

- count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10
- recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators



- recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators
- recognise and show, using diagrams, equivalent fractions with small denominators
- add and subtract fractions with the same denominator within one whole [for example, 75 + 71 = 76]
- compare and order unit fractions, and fractions with the same denominators
- solve problems that involve all of the above.



## <u>Measurement</u>

- measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml) [] measure the perimeter of simple 2-D shapes
- add and subtract amounts of money to give change, using both  $\pounds$  and p in practical contexts
- tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks
- estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and

	hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight		
	<ul> <li>know the number of seconds in a minute and the number of days in</li> </ul>		
	each month, year and leap year		
	<ul> <li>compare durations of events [for example to calculate the time taken by particular events or tasks].</li> </ul>		
	<u>Geometry</u>		
	<ul> <li>draw 2-D shapes and make 3-D shapes using modelling materials;</li> </ul>		
	recognise 3-D shapes in different orientations and describe them recognise angles as a property of shape or a description of a turn		
	<ul> <li>recognise angles as a property of shape or a description of a turn</li> <li>identify right angles, recognise that two right angles make a half-</li> </ul>		
	turn, three make three		
	quarters of a turn and		
	four a complete turn;		
	identify whether angles are greater than or less		
	than a right angle		
	<ul> <li>identify horizontal and</li> </ul>		
	vertical lines and pairs of		
	perpendicular and parallel lines.		
	Statistics		
	• interpret and present data using bar charts, pictograms and tables		
	<ul> <li>solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled</li> </ul>		
	bar charts and pictograms and tables.		
Literacy	Reading Comprehension		
	• apply their growing knowledge of root		
	words, prefixes and suffixes both to read		
	words, prefixes and suffixes both to read aloud and to understand the meaning of new		
	words, prefixes and suffixes both to read aloud and to understand the meaning of new words they meet		
	words, prefixes and suffixes both to read aloud and to understand the meaning of new words they meet • read further exception words, noting the		
	words, prefixes and suffixes both to read aloud and to understand the meaning of new words they meet		
	words, prefixes and suffixes both to read aloud and to understand the meaning of new words they meet • read further exception words, noting the unusual correspondences between spelling		
	<ul> <li>words, prefixes and suffixes both to read aloud and to understand the meaning of new words they meet</li> <li>read further exception words, noting the unusual correspondences between spelling and sound, and where these occur in the word.</li> </ul>		
	<ul> <li>words, prefixes and suffixes both to read aloud and to understand the meaning of new words they meet</li> <li>read further exception words, noting the unusual correspondences between spelling and sound, and where these occur in the word.</li> </ul>		
	<ul> <li>words, prefixes and suffixes both to read aloud and to understand the meaning of new words they meet</li> <li>read further exception words, noting the unusual correspondences between spelling and sound, and where these occur in the word.</li> <li>Reading</li> <li>develop positive attitudes to reading and understanding of what they</li> </ul>		
	<ul> <li>words, prefixes and suffixes both to read aloud and to understand the meaning of new words they meet</li> <li>read further exception words, noting the unusual correspondences between spelling and sound, and where these occur in the word.</li> </ul>		

• reading books that are structured in different ways and reading for	
a range of purposes	
• using dictionaries to check the meaning of words that they have read	
<ul> <li>increasing their familiarity with a wide</li> </ul>	
<ul> <li>range of books, including fairy stories, myths and legends, and retelling some of these orally</li> <li>identifying themes and conventions in a wide renee of books</li> </ul>	
wide range of books	
<ul> <li>preparing poems and play scripts to read aloud and to perform, showing understanding through intonation, tone, volume and action</li> </ul>	
<ul> <li>discussing words and phrases that capture the reader's interest and imagination</li> </ul>	
<ul> <li>recognising some different forms of poetry [for example, free verse, narrative poetry]</li> </ul>	
• understand what they read in books they can read independently, by:	
checking that the text makes sense to them, discussing their	
understanding and explaining the meaning of words in context	
<ul> <li>asking questions to improve their understanding of a text</li> </ul>	
<ul> <li>drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence</li> <li>predicting what might happen from details stated and implied</li> <li>identifying main ideas drawn from more than one paragraph and summarising these</li> <li>identifying how language, structure, and presentation contribute to meaning</li> <li>retrieve and record information from non-fiction</li> <li>participate in discussion about both books that are read to them and those they can read for themselves, taking turns and listening to what others say.</li> </ul>	
Writing Transcription	
<ul> <li>use further prefixes and suffixes and understand how to add them</li> </ul>	
<ul> <li>spell further homophones</li> </ul>	
<ul> <li>spell words that are often misspelt</li> </ul>	
• place the possessive apostrophe accurately in words with regular	
plurals [for example, girls', boys'] and in words with irregular plurals	
<ul> <li>[for example, children's]</li> <li>use the first two or three letters of a word to check its spelling in a</li> </ul>	
• Use the first two or three letters of a word to check its spelling in a dictionary	

 write from memory simple sentences, dictated by the teacher, that include words and punctuation taught so far.

#### **Handwriting**

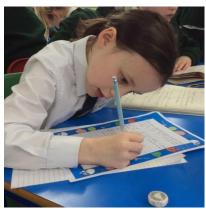
 use the diagonal and horizontal strokes that are needed to join letters and understand which letters, when adjacent to one another, are best left unjoined



• increase the legibility, consistency and quality of their handwriting [for example, by ensuring that the downstrokes of letters are parallel and equidistant; that lines of writing are spaced sufficiently so that the ascenders and descenders of letters do not touch].

## Writing Transcription

- discussing writing similar to that which they are planning to write in order to understand and learn from its structure, vocabulary and grammar
- discussing and recording ideas
- draft and write by: composing and rehearsing sentences orally (including dialogue), progressively building a varied and rich vocabulary and an increasing range of sentence structures
- organising paragraphs around a theme in narratives, creating settings, characters and plot in nonnarrative material, using simple organisational devices [for example, headings and sub-headings]
- evaluate and edit by: assessing the effectiveness of their own and others' writing and suggesting improvements



- proposing changes to grammar and vocabulary to improve consistency, including the accurate use of pronouns in sentences
- proof-read for spelling and punctuation errors
- read aloud their own writing, to a group or the whole class, using appropriate intonation and controlling the tone and volume so that the meaning is clear.

	<u>Fiction</u> Stories from other Cultures. Stories from the same author. Stories about Imaginary worlds . Myths and Legends. Adventure Stories. Plays and Dialogues.	<u>Non-Fiction</u> Letters. Non- Chronological Reports. Instructions and explanations. Persuasive Writing. Recounts.	<u>Poetry</u> Imagery. Humorous poems. Performance poems. Poems to express emotions. Shape poems.
Science	properties • Describe how fossils are • Recognise that soils are At this level, rocks are of	need air, light, water, nut flowers in the life cycle, i eproduction in which poller eeds. Seed on of seeds by through the part of a neir nutrition right types and ad some other animals hav s erent types of rocks base e formed made from rocks and org ten grouped into one of t om magma under the Eart ound. ed under great heat or pr marble.	rients and room to grow ncluding pollination and n is transferred - usually is transferred - usu

R.E	HINDUISM	
	Beliefs and festivals	
	beners and restruis	
	PEOPLE OF GOD	
	What is it like to follow God?	
	Jesus the Teacher	
	Who is your neighbour?	
	The parables and Jesus' miracles	
	Could Jesus really heal people or is	
	there another explanation?	
	Discovery RE	
	Easter	
	Forgiveness – what is good about 'Good Friday'	
	KINGDOM OF GOD	
	When Jesus left, what was the impact of Pentecost?	
	INCARNATION	
	What is the Trinity?	
History	Changes in Britain from the Stone Age to the Iron Age.	
	River Tamar	
	Local History study including the then and Now.	
Geography	Name and locate counties and cities of the United Kingdom, geographical	
	regions and their identifying human and physical characteristics, key	
	topographical features (including hills, mountains, coasts and rivers), and	
	land-use patterns; and understand how some of these aspects have changed over time. (River Tamar and Stone age Topics)	
	over time. (River tumar and Stone age topics)	
	Understand geographical similarities and differences through the study of	
	human and physical geography of two regions of the United Kingdom.	
	Describe and understand key aspects of physical geography:	
	Biomes and vegetation belts.	
	Describe and understand key aspects of physical geography	
	Rivers and mountains (River Tamar Topic)	
PE	Gymnastics This is over Year 3 and 4	

	Dance Basketball Hockey Netball Tag Rugby Football	
DT	<ul> <li><u>Design</u> <ul> <li>Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups</li> <li>Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design</li> </ul> </li> <li><u>Make</u> <ul> <li>Select from and use a wider range of tools and equipment to perform practical tasks (for example cutting, shaping, joining and finishing), accurately</li> <li>Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according</li> </ul> </li> </ul>	
	to their functional properties and aesthetic qualities Evaluate Investigate and analyse a range of existing products Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work	
	<ul> <li>Also</li> <li>Understand how key events and individuals in design and technology have helped shape the world <ul> <li>Apply their understanding of how to strengthen, stiffen and reinforce more complex structures</li> <li>Understand and use mechanical systems in their products (for example, gears, pulleys, cams, levers and linkages)</li> <li>Understand and use electrical systems in their products (for example, series circuits incorporating switches, bulbs, buzzers and motors)</li> </ul> </li> </ul>	
Art	Drawing pencil, wax, chalk, ink, pen, brushes	

	Colour pigmentPaint, inks, pastels, dyes etc and tools to apply colour - brushes, sponges, straws etcTexturePigment - paint, inks, pastels, dyes etc and tools to apply colour - brushes, sponges, straws etcForm 3D experience, rigid and malleable materialsPrinting fingers, hands, vegetables, card, wood, string, lino, clay, polystyrene etc Pattern(painted, printed, dyed, rubbed, imprinted, embossed etc.)
Computing	<u>Programming and animation</u> In this unit, the children create an animated cartoon using characters they design. They use a paint tool to create characters and backgrounds. They then create an animation by translating a storyboard into a series of scripted instructions (program) for graphic objects.
	We are bug fixersImage: A start of the start of t
	<u>We are opinion pollsters</u> In this unit, the children create their own opinion poll, seek responses, and then analyse the results.