Farnworth CE Primary School
Curriculum Map
Mathematics

EYFS	Mathematics	Communication and Language
	Children in Reception Count objects, actions and sounds. Subitise. Link the number symbol (numeral) with its cardinal number value. Count beyond ten. Compare numbers. Understand the 'one more than/one less than' relationship between consecutive numbers. Explore the composition of numbers to 10. Automatically recall number bonds for numbers 0–5 and some to 10. Select, rotate and manipulate shapes to develop spatial reasoning skills. Compose and decompose shapes so that children recognise a shape can have other shapes within it, just as numbers can. Continue, copy and create repeating patterns. Compare length, weight and capacity. **Early Learning Goals** **Number** -Have a deep understanding of number to 10, including the composition of each number. -Subitise (recognise quantities without counting) up to 5. -Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts.	**Children in Reception** -Understand how to listen carefully and why listening is important. -Learn new vocabulary. -Use new vocabulary through the day. -Ask questions to find out more and to check they understand what has been said to them. -Use new vocabulary in different contexts. -Listen carefully to rhymes and songs, paying attention to how they sound. -Articulate their ideas -Connect one idea or action to another. -Describe events in detail -Use talk to help work out problems and organise thinking and activities, and to explain how things work and why they might happen. -Use new vocabulary in different contexts. **Early Learning Goals** **Listening, Attention and Understanding** -Listen attentively and respond to what they hear with relevant questions, comments and actions when being read to and during whole class discussions and small group interactions. -Make comments about what they have heard and ask questions to clarify their understanding. **Speaking**

	Numerical Patterns -Verbally count beyond 20, recognising the pattern of the counting system. -Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity. -Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally.			-Participate in small group, class and one-to-one discussions, offering their own ideas, using recently introduced vocabulary. -Offer explanations for why things might happen, making use of recently introduced vocabulary from stories, non-fiction, rhymes and poems when appropriate. -Express their ideas and feelings about their experiences using full sentences, including use of past, present, and future tenses and making use of conjunctions, with modelling and support from their teacher.		
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Numbers to 10 Part-whole within 10 Addition and subtraction within 10	Addition and subtraction within 10 Numbers to 20 2D and 3D shapes	Addition within 20 Subtraction within 20 Numbers to 50	Numbers to 50 Introducing length and height Introducing weight and volume	Multiplication Division Halves and quarters Position and direction	Numbers to 100 Time Money
Year 2	Numbers to 100 Addition and Subtraction (1) Addition and Subtraction (2)	Money Multiplication and division (1)	Multiplication and Division (2) Statistics Length and Height	Properties of Shapes Fractions	Position and Direction Problem Solving	Time Weight, Volume and Temperature
Year 3	Place Value within 1000 Addition and Subtraction	Addition and Subtraction Multiplication and Division	Multiplication and Division Money Statistics	Length Fractions	Fractions Time	Angles and Properties of Shape Mass Capacity
Year 4	PlaceValue within 10,000	Multiplication and Division (1) – 6, 7, 9, 11	Multiplication and division (2) – written	Fractions (parts 1 and 2)	Money Time	Geometry – angles and 2D shapes

	Addition and Subtraction up to 4 digits	and 12 times tables Perimeter	methods Area	Decimals (parts 1 and 2)	Statistics (graphs)	Position and Direction
Year 5	Place value within 1,000,000 Addition and Subtraction	Graphs and Tables Multiplication and Division Measure – Area and Perimeter	Multiplication and Division Fractions	Fractions Decimals and Percentages	Decimals Geometry – Properties of shapes	Geometry – Position and Direction Measure – Converting units Measure – Volume and capacity
Year 6	Place value to 10 million Arithmetic Written calculations addition, subtraction, multiplication and division Fractions Position and direction	Fractions Position and direction	Fractions Percentages Algebra Measure – imperial and metric	Perimeter, area and volume Ratio and proportion	Properties of shapes Number and place value	Number and place value Problem solving Statistics