Unlocking potential in all, empowering a community of hope. As an inclusive Christian community, we work towards unlocking the potential in all and empowering a community of hope. We seek to achieve this by providing a safe, inspiring and creative learning environment where all can flourish. Our successes are built on the foundation of our shared values and our consistently high expectations. Through challenge and support, we strive for excellence in all we do.

St Peter at Gowts CE Primary School
Maths overview
'Unlocking potential in all, empowering a community of hope'

Maths – CLIC (Nursery – See Little Big Maths manual. R – Y6 - See CLIC on your planning document 2.2)

Maths – Main lesson

	Autumn Term	Spring Term	Summer Term
Nursery	3 / 4-year olds To recognise objects that are larger and smaller than each other. To apply the attribute of long, tall, short etc to various examples (e.g. a bus is long; an adult is tall; grass is short). To identify objects which are heavy and light. To identify when a container is empty and full. Extend to half full. To complete goal-oriented puzzles and activities fitting shapes together. To choose appropriate shapes when building for a purpose. To begin to describe the shapes they have chosen with simple informal language (see key vocab below) CLIC skills and knowledge	3 / 4-year olds To be aware of patterns in the environment. To recognise and talk about ABAB patterns. To notice mistakes in a simple ABAB pattern. (once confident at recognising patterns) To order the events of their day using simple time related vocabulary. (see vocab below) To order events of a familiar story using simple time related vocabulary. (see vocab below) To say numbers in order to 5 To assign one number name to each object when counting. CLIC skills and knowledge	3 / 4-year olds To subitise up to 3 objects To recite numbers in order to 5 and beyond. To select a given number from a larger group and count them out. To understand that the number name assigned to the final object in a group is the total number of objects in that group. To show numbers to 5 with fingers To match numeral to quantity. To begin to represent numerals using marks, pictures and fingers. To understand real life problems – understand simple questions such as 'have we got enough apples?' To solve simple real-life problems with numbers up to 5. To understand the concepts of 'more than' 'fewer than'. To talk about an amount of objects using language 'more than' 'fewer than'. To follow, remember and construct routes. To talk about the properties of 2D shapes using words such as 'straight/flat/round/curved'. To understand and use positional words. To understand and use words to describe routes such as 'in front of' and 'behind' To talk about and identify the patterns around them.

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Reception	Getting to know you - key times of the day/ positional language Just like me – Match and sort / compare amounts / compare size, mass and capacity / exploring pattern Its Me 1 2 3 – Representing, comparing and composition of 1,2 & 3 / Circles and triangles / Positional language Light and dark – Representing numbers to 5 / One more and less / shapes with 4 sides / time	Alive in 5 – Introducing zero/ comparing numbers to 5/ composition of 4 & 5 / Compare mass 2 / compare capacity 2 Growing 6,7,8 – 6,7 & 8 / combining 2 amounts / making pairs / length & height / time Building 9 & 10 – Counting to 9 & 10 / Comparing numbers to 10 / Bonds to 10 / 3D shapes / Patterns	To 20 and beyond – building numbers beyond 10 / counting patterns beyond 10 / spatial reasoning (1) / match, rotate and manipulate First Then Now – Adding more / taking away / Spatial reasoning 2/ compose and decompose Find my pattern – doubling / sharing and grouping / even and odd / spatial reasoning / visualise and build On the move – deepening understanding / patterns and relationships / Spatial reasoning 4 / mapping
Year 1	Unit 1 – Number and place value – Numbers to 10 Unit 2 – Number and place value – Part-whole within 10 Unit 3 – Addition and subtraction – Addition and subtraction within 10 Unit 4 – Addition and subtraction - Addition and subtraction within 10 Unit 5 – Geometry – properties of shape – 2D and 3D shapes Unit 6 – Number and place value – Numbers to 20	Unit 6 – Addition and subtraction – Addition within 20 Unit 7 – Addition and subtraction – Subtraction within 20 Unit 8 – Number and place value – Numbers to 50 Unit 9 – Measurement – Introducing length and height Unit 10 – Introducing weight and volume	Unit 11 –Multiplication and division - Multiplication Unit 12 - Multiplication and division - Division Unit 13 – Fractions – Halves and quarters Unit 14 –Geometry – position and direction – Position and direction Unit 15 – Number and place value – Numbers to 100 Unit 16 – Measurement - time Unit 17 – Measurement - Money
Year 2	Unit 1 – Number and place value – Numbers to 100 Unit 2 – Addition and subtraction – Addition and subtraction Unit 3 – Addition and subtraction – Addition and subtraction Unit 4 – Measurement – money Unit 5 – Multiplication and division – Multiplication and division	Unit 6 – Multiplication and division – Multiplication and division Unit 7 – Statistics – Statistics Unit 8 – Measurement – length and height Unit 9 – Geometry – properties of shape Unit 10 – Fractions – Fraction	Unit 11 – Geometry – Position and direction Unit 12 – Addition and Subtraction – Problem solving and efficient methods Unit 13 – Measurement – Time Unit 14 – Measurement – Weight, volume and temperature
Year 3	Unit 1 – Number and place values – Place value within 1,000 Unit 2 – Addition and subtraction – Addition and subtraction Unit 3 – Addition and subtraction – Addition and subtraction Unit 4 – Multiplication and division – Multiplication and division	Unit 5 – Multiplication and division – Multiplication and division Unit 6 – Measurement – Money Unit 7 – Statistics – Statistics Unit 8 – Measurement – Length Unit 9 – Fractions – Fractions	Unit 10 – Fractions – Fractions Unit 11 – Measurement – Time Unit 12 – Geometry – Angles and Properties of shapes Unit 13 – Measurement - Mass

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Year 4	Unit 1 – Number and place value – Place value – 4 digit numbers Unit 2 – Number and place value – Place value – 4 digit numbers Unit 3 – Addition and subtraction – Addition and subtraction Unit 4 – Measurement – Measure – perimeter Unit 5 – Multiplication and division – Multiplication and division	Unit 6 – Multiplication and division – Multiplication and division Unit 7 – Measurement – measure – area Unit 8 – Fractions (incl decimals) Fractions Unit 9 – Fractions (incl decimals) Fractions Unit 10 – Fractions (incl decimals) Decimals	Unit 11 – Fractions (incl decimals) Decimals Unit 12 – Measurement – Money Unit 13 – Measurement – time Unit 14 – Statistics – Statistics Unit 15 – Geometry – angles and 2D shapes Unit 16 – Geometry – position and direction
Year 5	Unit 1 – Number and place value – Place value within 100,000 Unit 2 – Number and place value – Place value within 1,000,000 Unit 3 – Addition and subtraction – Addition and subtraction Unit 4 – Statistics – Graphs and tables Unit 5 – Multiplication and division – Multiplication and division Unit 6 – Measures – Area and perimeter	Unit 7 – Multiplication and division - Multiplication and division Unit 8 – Fractions (incl decimals and percentages) – Fractions Unit 9 – Fractions (incl decimals and percentages) – Fractions Unit 10 – Fractions (incl decimals and percentages) – Fractions Unit 11 - Unit 8 – Fractions (incl decimals and percentages) – Decimals and percentages	Unit 12 – Fractions (incl decimals and percentages) – Decimals Unit 13 – Geometry – properties of shape Unit 14 – Geometry – properties of shapes Unit 15 – Geometry – position and direction Unit 16 – Measurement – converting units Unit 17 – Measurement – volume and capacity
Year 6	Unit 1 – Number and place value – Place value within 10,000,000 Unit 2 – Calculation – four operations Unit 3 – Calculation – four operations Unit 4 – Fractions – fractions Unit 5 – Fractions - fractions Unit 6 – Geometry – position and direction	Unit 7 – Decimals Unit 8 – Percentages Unit 9 – Algebra Unit 1 – Measure – imperial and metric measures Unit 11 – Measure – perimeter, area and volume Unit 12 – Ratio and proportion	Unit 13 – Geometry – properties of shape Unit 14 – Problem solving Unit 15 - Statistics
	Year 6 will follow Power Maths according to the needs of the class. After discussion with the maths lead, a decision may be made to alter the order / length of units in Power Maths to ensure full curriculum coverage in time for SATS, with some areas being covered in more depth during the summer term at a later point. Other resources, such as White Rose Maths may be used as a supplement to ensure coverage and depth of understanding, using the small steps of learning.		