




For each year group there is maths 'knowledge' that should be learnt off by heart. This key number knowledge and facts help children to calculate more efficiently and quickly. They also support children when they face maths problems, open ended questions and develop their confidence and ability in the subject.

Please help your child to practice and learn these facts, your support is greatly appreciated!

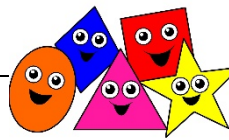
TIME		
KM1 - Time Convert between different units of measures converting from hours to minutes; minutes to seconds; years to months; weeks to days <i>Key vocabulary: hour, minute, seconds, convert</i>	KM 2 - Time Read, write and convert time between analogue and digital 12 and 24-hour clocks <i>Key vocabulary: hour, minute, hand, clock, o'clock</i>	
MONEY		
KM3 - Money Estimate amounts of money in pounds and pence <i>Key vocabulary: estimate, money, amount</i>		
FRACTIONS / DECIMALS		
KM4 Fractions / decimals Count up and down in hundredths <i>Key vocabulary: hundredths, count forwards, backwards</i>	KM5 Fractions / decimals Compare numbers with the same number of decimal places up to two decimal places <i>Key vocabulary: compare, decimal, places</i>	KM6 Fractions / decimals Round decimals with one decimal place to the nearest whole number <i>Key vocabulary: compare, decimal, places</i>



NUMBER		
KM7 - Number Count in 6's forwards and backwards <i>Key vocabulary - count, steps, 6's</i>	KM13 - Number Order and compare numbers beyond 1000 <i>Key vocabulary - order, compare</i>	KM19 - Number Recall the division facts for multiplication tables up to 12 x 12 <i>Key vocabulary: division, divide, inverse</i>
KM8 - Number Count in 7's forwards and backwards <i>Key vocabulary - count, steps, 7's</i>	KM14- Number Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value. <i>Key vocabulary: number bonds, add, altogether</i>	KM20 - Number Round any number to the nearest 10, 100 or 1 000 <i>Key vocabulary: round, nearest</i>
KM9- Number Count in 9's forwards and backwards <i>Key vocabulary - count, steps, 9's</i>	KM15- Number Recognise and use factor pairs <i>Key vocabulary - factor</i>	KM21- Number Order numbers beyond 1000 <i>Key vocabulary: order, more than, less than, ascending, descending</i>
KM10- Number Count in 25's forwards and backwards <i>Key vocabulary - count, steps, 25's</i>	KM16- Number Recall all of the multiplication tables up to 12 x 12 both in order and random questions. <i>Key vocabulary: multiply, lots of, multiplication tables</i>	
KM11- Number Count in 100's forwards and backwards <i>Key vocabulary - count, steps, 100's</i>	KM17- Number Count backwards (include negative numbers) <i>Key vocabulary: count, backwards, negative numbers</i>	
KM12 - Number Find 1000 more or less than a given number Key Vocabulary: more, less	KM18- Number Compare two numbers beyond 1000 <i>Key vocabulary: compare, more than, greater than, less than.</i>	

SHAPES

MEASURES



KM22- Shapes

2d shape names and properties

Key vocabulary: triangle, circle, rectangle, square, pentagon, hexagon, quadrilateral

KM23- Shapes

Identify acute and obtuse angles and compare and order angles up to two right angles by size

Key vocabulary: acute, obtuse, angles, compare, right angles

KM24- Shapes

Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres

Key vocabulary: measure, perimeter, centimetres, metres.

KM25 - Shapes

Find the area of rectilinear shapes by counting squares

Key vocabulary: area

KM26 - Shapes

Identify lines of symmetry in 2-D shapes presented in different orientations

Key vocabulary: lines of symmetry



KM27 - Measures

Know units of measure for lengths and heights (cm) and estimate, compare and calculate lengths.

Key vocabulary: long, short, longer, shorter, metres, centimetres, estimate

KM28 - Measures

Units of measure for mass/weight (kg / g) and estimate, compare and calculate mass / weight

Key vocabulary: heavy, light, heavier, lighter, kilograms, grams

KM29 - Measures

Units of measure for capacity and volume (l / ml) and estimate, compare and calculate capacity and volume.

Key vocabulary: holds, full, half full, empty, quarter, litres, millilitres

KM30 - Measures

Convert between different units of measure (e.g. kilometre to metre)

Key vocabulary: units of measure, convert

KM31 - Measures

Find the perimeter of a shape using meters and centimetres.

Key vocabulary: perimeter, metres, centimetres