Second Level - to the end of P7, but earlier or later for some

- extend their skills in reading, writing and ordering numbers to 1 000 000
- learn to partition bigger numbers into millions, hundreds of thousands, tens of thousands, thousands, hundreds, tens and ones (M HTh TTh Th H T O)
- apply knowledge of addition and subtraction / multiplication and division in real life contexts
- simplify & calculate fractions of amounts
- understand the link between fractions, decimals & percentages
- gain knowledge about budgeting, profit and loss
- extend knowledge and vocabulary of regular & irregular 2D/3D shapes (angle, diagonal, radius, diameter & circumference)
- identifies and illustrates all lines of symmetry on a wide range of 2D shapes
- measure & draw a range of angles using rulers and protractors
- plot locations of a point on a 4 quadrant grid
- read and record time in 12 and 24 hour notation. Estimate and calculate durations of activities.
- estimate and measure accurately length, height, weight, perimeter, area and volume using standard measurements such as km, m, cm, mm: kg and g: mm2, cm2, m2, cm3 and L and ml
- make use of digital technology to devise ways of collecting & displaying data (pie charts, spread sheets, line graphs, etc)

How can I help my child?

Allow your child opportunities to transfer their maths skills into real life contexts. For example

- Baking—weighing out ingredients, cooking times, cost of ingredients, etc.
- Number bonds, sharing and grouping using everyday objects such as pasta, sweets, straws
- Time—reading the clock and calendars, looking at TV magazines, bus timetables.

The list is endless!

Glossary - a list of useful mathematical words and phrases used across all levels

Partitioning

Number bond

Subitising

Think board

Number sentence

Number story

Ones

Arrays and groupings

Part-part-whole

Suggested Websites

www.ictgames.com

www.bbcnumberjacks.co.uk

www.mathsisfun.com

www.topmarks.co.uk

www.snappymaths.com

www.coolmath4kids.com

Langlands Primary Maths Information Leaflet

Maths is everywhere, it's in everything we do. Numeracy or 'everyday maths' is not just about classroom sums.

Being confident in maths is a life skill that will help your child in many ways; at home, at school and one day at work too.

Throughout all maths activities and lessons in school, children are encouraged to learn in a variety of ways and will, wherever possible, use their new found knowledge in real life contexts.

We all use maths a lot more than we realise. A good understanding of everyday maths will help your child:

- solve problems
- make decisions
- understand information

What is at the core of the maths curriculum?

- Fluency– children are able to remember processes quickly e.g. number bonds and times tables
- Reasoning– children can think about which concept they need to use to solve a problem
- Problem Solving– children can solve everyday problems e.g. puzzles

Successful mathematicians explain their thinking and use a range of strategies to help them to solve a problem.

We will support your child to build upon prior learning and deepen their understanding across the following levels.

Early Level - to the end of P1, but earlier or later for some

- read, recognise and write numbers to 20
- order numbers forwards and backwards to at least 20
- identify the number before, number after and missing numbers in a sequence
- learn to count out a given number of objects to at least 20 and identify the total
- use a range of strategies to add and subtract mentally to at least 10
- learn to show a single digit number in two or more parts (e.g. 2 + 3 = 5 or 1 + 1 + 3 = 5)
- count in jumps (skip count) in 2s, 5s and 10s
- share out a group of items equally into smaller groups
- identify and recognise coins up to at least £1
- add and subtract to pay for items up to 20p
- recognise, describe and sort common 2D and 3D shapes (straight, round, flat and curved)
- use the language of position (in front, behind, above, below, left, right, forwards and backwards)
- create symmetrical pictures with at least one line of symmetry
- copy, continue and create simple patterns (objects, shapes and numbers)
- learn to name days of the week, months of the year and seasons
- read analogue and digital o'clock and possibly half-past times
- use appropriate measurement language (e.g. longer shorter, heavier, lighter, taller, etc.)

First Level - to the end of P4, but earlier or later for some

- extend their skills in reading, writing and ordering numbers to 1000
- learn about hundreds tens and ones (place value)
- begin to partition bigger numbers into hundreds, tens and ones (HTO)
- learn about the relationship between addition and subtraction and multiplication and division
- begin early multiplication and division, grouping and sharing objects
- read, show & compare fractions up to a tenth
- recognise & use notes & coins up to £20 and calculate change
- recognise and describe regular 2D and 3D shapes (faces, sides, edges & vertices)
- create symmetrical pictures with more than one line of symmetry
- estimate, measure and describe a range of angles in relation to a right angle
- plot and locate objects of reference on a grid
- tell the time using o'clock, half past, quarter past and quarter to
- be introduced to standard measurements such as m, cm; kg and g and L and ml
- collect, read & interpret various data (tally marks, bar graphs, surveys, etc)