What learning can I help my child with at home?

The following bullet points detail some of the facts that we will be teaching your child in Reception throughout the year. We have found that those children who know these facts by heart when they go into Year 1 progress more rapidly in their learning. The best way to learn many of these facts is through regular repetition. Given that this is the case it will help your child greatly if you help them to practise these at home. Please speak to one of the Reception class teachers if you have any questions.

- Counting in ones forwards and backwards from any number
- Counting in twos forwards in multiples of two
- Counting in tens forwards in multiples of ten
- Number bonds to five (5+0, 5+1, 5+2, etc)
- Number bonds to six (6+0, 6+1, 6+2, etc)
- Number bonds to seven (7+0, 7+1, 7+2)
- Number bonds to eight (8+0, 8+1, etc)
- Number bonds to ten (0+10, 9+1, 8+2, etc)
- Doubles from double 1 to double 10
- Right and left - hands and feet
- Forwards and backwards
- Odd and even number from 0 - 20

Amazing Apps for Mathematics

One billion - Maths ages 3 - 5

One billion - Maths ages 4 - 6

Little Monkey Apps - Friends of Ten

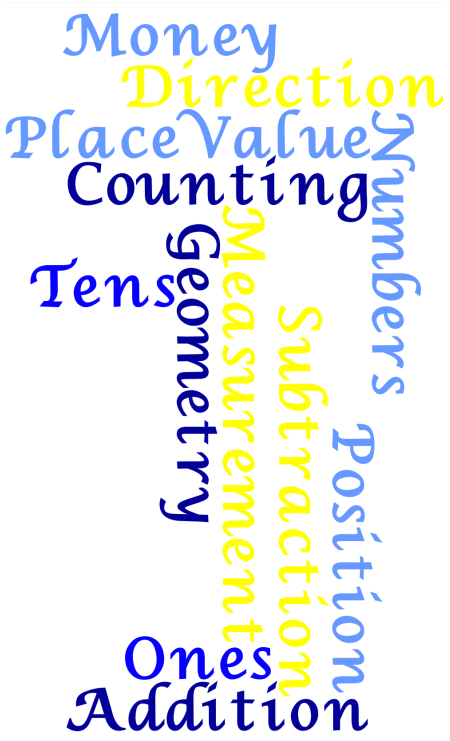
Little Monkey Apps - Reading Numbers

Maths Facts: number bonds and fact families

Tangram Mania (Discovery)

Holy Trinity C of E Primary School

Reception Mathematics



By the end of Reception your child needs to be able to...

Counting, Place Value and Number Recognition

Count reliably from 0 - 20.

Recognise numerals and number names from 0 - 20 and place them in order.

Use the language of 'more' and 'less' to compare quantities.

Use mathematical ideas and methods to solve problems.

Ways to help your child:

- Sing counting songs - ten green bottles for example links in with counting & subtraction.
- Count whenever you have an opportunity - number of socks in the laundry, the number of 2p or 10p coins, etc. Remember to count both forwards and backwards.
- Play board games - remembering to count the jumps as they move from place to place. Also being able to recognise the number of spots on a dice without needing to count them each time.
- Point out numbers on buses, front doors, road signs, packaging, etc. Read the numbers with you child both as individual digits and as whole numbers e.g. 32 is made using 3 and 2 but together they make 32.
- Discuss numbers in context such as their age, on clocks, temperatures, etc.

Addition and Subtraction

Calculate one more and one less than a given number from 0 - 20.

Using quantities and objects, children can add and subtract two single digit numbers, counting on or back to calculate the total.

Understand that addition is combining two quantities and subtraction is taking away.

Use language of addition and subtraction and recognise the mathematical symbols used to represent them.

Multiplication, Division and Fractions

Solve problems that include sharing, doubling and halving.

Ways to help your child:

- Count out toys - many would there be if there was one more/less?
- Ask them to help share out food - how many does each person get? How many would it be if they had half/double the amount?
- Sing the doubles song.
- Discuss how they would like food cut - in half / quarters.

Measurement

Use language such as 'greater', 'smaller' or 'lighter' to compare quantities.

Geometry

Talk about, recognise and recreate simple patterns.

Use language such as 'circle' or 'bigger' to describe the shape and size of 2D and 3D shapes.

Position and Direction

Use everyday words to describe position.

Ways to help your child:

- Cook with your child, get them involved in weighing out food.
- In supermarkets ask your child to pick up bags of flour, sugar etc and compare how the weights feel.
- Discuss directions home, which way you are turning and travelling (right, left, forwards and backwards).
- Play hide the toy. Is it under the table, behind the sofa, in the cupboard, above the bed etc.
- Look out for shapes in the environment. What can they see. Can they name shapes you describe?