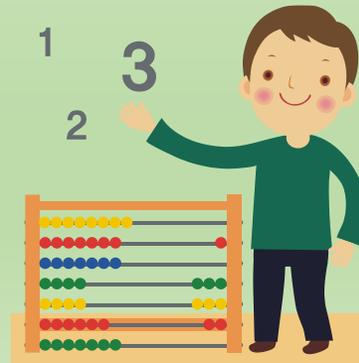


# St. Bede's Catholic Infant School

Supporting your child with maths

November 2020



We would like to help you support your child as they develop their maths skills.





## Reception Year

During their first year at school children will be taught to develop their understanding and skills of counting and comparing and ordering numbers. The activities that the children take part in will introduce addition and subtraction and begin to show the children how to use mental strategies in these areas.

The children will also explore measures, shapes and space, money and 'real life' problems. All concepts and skills are introduced through practical activities, direct teaching and discussion.

# Here are some examples of maths activities your Reception child will be doing in school:

- Saying '1, 2, 3, 4' up to at least 20
- Counting up to 20 objects practically, putting them in different patterns and counting them again.
- Recognising written numbers up to at least 20 and beginning to write these numbers themselves (correct formation is encouraged)
- Using words to compare things, such as; more, less, longer, shorter
- Making simple patterns and talking about them
- Naming shapes
- Using words to describe where things are, such as; over, under next to.
- Handling coins
- Measuring objects



# **Our Reception children take part in a wide range of activities to support the teaching and learning of Maths, these include:**

- Observation of number and pattern in the environment and in daily routines
- Board games
- Large and small construction
- Stories, songs, rhymes and finger games
- Sand and water
- Two and three dimensional work with a range of materials
- Imaginative play including role-play in the home corner
- Outdoor play and playground games



# How to support your Reception child at home:

Read the numbers on the bus whilst out on a journey.



Read the quantities printed on boxes and tins of food



When tidying toys away talk about the position of things and how many toys might fit in the box

Point to the numbers on the clock

Find the numbers on the TV remote control

Use everyday maths words:  
Tall, short, more,  
less, makes, first,  
second, over,  
under



## **Year 1:**

During Year 1 the children will be consolidating the skills they have learned in Reception, including developing more formal methods of recording. Practical activities still play an important role in learning. Children use many kinds of equipment to support the development of their skills, including, counting toys, dice, measuring equipment, number cards and various maths games.

## Year 1 continued:

The National Curriculum for Maths focuses on the importance of mental maths skills. This includes:

- Knowing number bonds to 20 (pairs of numbers that add up to a given amount, eg  $8+2=10$ ,  $15+5=20$ )
- Knowing doubles and halves of numbers to 10 and beyond (high focus on fractions in the new curriculum)
- Beginning to know times tables (2,5 and 10)



The children will be practising these skills during maths lessons and at other times during the week.

# How to support your Year 1 child at home:

Look at the bus or train timetable, can you find out what time it will arrive?



Look at the units of measurement used on food tins and jars; L, ml, g, oz, pints.

Estimate/guess the number of marbles in the jar. Count them together. Can you count in 2s?



Point to the numbers on the clock and learn o'clock times

Play shop with coins, adding amounts together



Use everyday maths words:  
Tall, taller, short, shorter, more, less, makes, altogether, total, first, second, over, under, in between, square, circle, triangle, rectangle

## **Year 2**

The emphasis for Maths teaching in Year 2 is on applying mathematical knowledge and skills to help solve practical problems. The children consolidate and build on their existing skills by using more formal methods of recording, combined with use of practical resources. Children should explore addition, subtraction, multiplication and division practically, before they move onto recording formally; which is why the work from previous years is so important.

## Year 2 continued

In Year 2, children also continue to develop their mental maths skills. The children will apply knowledge of number facts and times tables and use these skills when working.

When problem solving, children often use practical equipment, for example, using counting toys in groups when solving multiplication problems;

*Gran buys 4 packets of animal biscuits. If each pack has 5 biscuits, how many biscuits would she have altogether?*

# How to support your Year 2 child at home:

Look at the bus or train timetable, can you find out what time it will arrive?



Find 2D and 3D shapes around the house, eg windows, clock face, cereal box, dice.

Estimate/guess the number of marbles in the jar. Count them together. Can you count in 2s?



Point to the numbers on the clock and learn 5 past, 10 past, etc

Play shop with coins, adding amounts together. Work out how much change you would get from £1.



Use everyday maths words:  
Tall, taller, short, shorter, more, less, makes, altogether, total, first, second, over, under, in between, square, circle, triangle, rectangle, heavy, light, double, half

# Outdoor Maths!

Children love the outdoors! Here are some ideas for taking maths outside:

- When playing outdoors, use positional words such as 'between, over, under'
- Look out for door numbers as you walk along the street. Which is the largest, odd, even?
- Collect some items at the park (conkers, leaves, twigs). Back at home, sort the items by size, shape, colour. Weigh the items and sort by weight (is the largest the heaviest?)
- Play hopscotch but use larger numbers or double the number each time you hop.
- Play 'double points' for every goal scored at football. Who can be the first to get to 20 points?
- Use sticks, pebbles and leaves to make a symmetrical picture outside.

# Helpful web links (click logos)



A great maths activity for younger children



A great selection of Maths games



Maths games suitable for all Infant aged children



A selection of maths games for all ages

**If you have any questions about supporting your child's maths work at home then please contact your child's class teacher...we are always here to help!**

