

ST STEPHEN'S ESSENTIAL MATHS

This booklet provides information on the end of year expectations for children in Reception.

These are based on essential skills from our Mathematics Planning and Assessment System as well as other important objectives that are crucial for maximising success. There is also a section on essential mental arithmetic skills that are vital in ensuring fluency.

All these objectives will be worked on throughout the year and will be the focus of direct teaching.

Although these and all other areas of mathematics will be covered and assessed during Maths, it is crucial that the areas in this booklet are revisited and applied in different contexts, to ensure that the children make maximum progress. Therefore, during our daily 'Early Bird Maths' sessions, these objectives will be practised regularly to promote fluency.

If children are secure with an objective, then instead of moving them on to objectives for the next year, teachers will aim to deepen their understanding. The aim of mathematics is for depth, not rapid coverage.

THE MATHS ESSENTIALS ARE DESIGNED TO:

- *Identify the essential skills that children need in order to become confident, ensuring more progress.*
- *Keep teachers focussed on the essential skills rather than coverage*

ESSENTIAL MATHS SKILLS FOR RECEPTION

- *Count reliably to 20, including an irregular arrangement.*
- *Order numbers from 1–20.*
- *Say 1 more/less than numbers to 20.*
- *Add and subtract 2 single digit numbers.*
- *Use the language of doubling, halving and sharing in everyday problems. Use everyday language to talk about size, weight, capacity, position, distance, time and money.*
- *Recognise, create and describe patterns.*
- *Explore characteristics of everyday objects and shapes.*

We should practise all the skills in this booklet not until we get them right, but until we cannot get them wrong!

ESSENTIAL MENTAL ARITHMETIC SKILLS

Begin to count
in 1, 2, 5 and
10.

Begin to partition
numbers e.g. 25
= 20 + 5 or 2
tens and 5 ones.

Begin to know
number bonds
to 10.

Add a single
digit to 10 e.g.
 $10 + 1 = 11$ etc.

Begin to double
and halve
numbers to 10

RECEPTION MATHS ESSENTIALS AT

