

ST STEPHEN'S ESSENTIAL MATHS

This booklet provides information on the end of year expectations for children in Year 1.

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 YEAR 1

- *Count to and past 100, forwards and backwards from any given number.*
- *Count, read and write numbers to 100 in numerals.*
- *Know number bonds and related subtraction facts to 20.*
- *Recognise, find and name a half as one of two equal parts of an object, shape or quantity.*
- *Solve problems for length and height by telling which objects are longer or shorter/taller or shorter.*
- *Solve problems for mass and weight by telling which objects are heavier or lighter.*
- *Solve problems for capacity and volume by telling if a container is empty, half full or full and if there is more in one container than another.*
- *Recognise and name common 2-D shapes such as squares and oblongs (rectangles), circles and triangles.*
- *Recognise and name common 3-D shapes such as cuboids, cubes, pyramids and spheres.*
- *Can tell what the time is in hours and half past the hour. Can draw these on a clock face.*
- *Tell when things happened by using these words: before, after, next, first, today, yesterday, tomorrow, morning, afternoon, evening.*
- *Read and write numbers 1-20 in numerals and words.*
- *Add and subtract one and two digit numbers up to 20 including 0.*
- *Answer problems that involve addition and subtraction including missing number problems, using objects and pictures.*
- *Answer multiplication and division questions using objects, pictures and other equipment.*

ESSENTIAL MENTAL ARITHMETIC SKILLS

Count in jumps
of 2, 5 and
10s.

Identify one
more or one less
from a given
number.

Double numbers
to 20

Know my
number bonds
to 10 by heart

Halve numbers
to 20
practically

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

YEAR 1 MATHS ESSENTIALS AT

