

# The Colleton Primary School

## Maths in Year 3



A booklet for parents

Help your child with mathematics

**This year we are covering the following skills, knowledge and understanding in Maths:**

- Count, read and write numbers up to 1000 and put them in order
- Know what each digit is worth in numbers up to 1000
- Find 10 or 100 more or less than any number under 1000
- Add and subtract numbers with up to 3 digits
- Add and subtract 1s, 10s and 100s mentally to and from 3-digit numbers
- Count in 4s, 8s, 50s and 100s
- To know by heart the 2, 3, 4, 5, 8 and 10 times tables and the division facts for those times tables
- Work out multiplication and division sums. including 2-digit x 1-digit numbers
- Solve simple number problems and explain how to work them out.
- Count up and down in 10ths (fractions and decimals) and understand that a 10<sup>th</sup> means dividing by 10
- Find and write fractions of objects and shapes and recognise simple equivalent fractions
- Add, subtract, compare and order fractions with the same denominator
- Tell the time to the nearest minute
- Use £ and p, for example know that £2.04 is £2 and 4p and add and subtract using £ and p
- Recognise right angles and lines of symmetry in simple shapes
- Recognise parallel, perpendicular, horizontal and vertical lines
- Measure, compare, add and subtract length, mass and capacity
- Draw and make 2D and 3D shapes and measure the perimeter of 2D shapes
- Use and understand bar charts, pictograms and tables

## About the statements

These statements show some of the things your child should be able to do by the end of Year 3. Some may be more complex than it seems, e.g. a child who can count to 1000 may not know what each digit represents. In 784, for example, the '8' is worth 80 not just 8. **Please see the Colleton Calculation Policy for how written methods are taught in Year 3.**

## Fun activities to do at home:

### Number games

Roll two dice. Make two-digit numbers, e.g. if you roll a 6 and 4, this could be 64 or 46. Ask your child to do one or more of the activities below.

Count on or back from each number in tens.

Add 19 to each number in their head. (A quick way is to add 20 then take away 1.)

Subtract 9 from each number. (A quick way is to take away 10 then add back one.)

Double each number.

### Can you tell the time?

Whenever possible, ask your child to tell you the time to the nearest minute. Use a clock with hands as well as a digital watch or clock.

Also ask: What time will it be one hour from now? What time was it one hour ago?

Time your child doing various tasks, e.g. getting ready for school; tidying a bedroom. Ask your child to guess in advance

how long they think an activity will take. Can they beat their time when they repeat it?

### Fractions

Use 12 buttons, or paper clips or dried beans or...

Ask your child to find **half** of the 12 things.

Now find one **quarter** of the same group.

Find one **third** of the whole group.

Repeat with other numbers.

Board games using two or more dice are a good way to practise calculations. The numbers can also be multiplied together to practise tables.

Cooking is a good way to practise **weighing**. Please use grams, kilograms, litres and millilitres.

### Useful Websites:



<https://www.bbc.com/bitesize/subjects/z826n39>



<http://www.primaryhomeworkhelp.co.uk/maths/>



<https://ttrackstars.com/login>