

# The Colleton Primary School

## Maths in Year 4



A booklet for parents

Help your child with mathematics

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

- Count in multiples of 6, 7, 9, 25 and 1000.
- Know place value in 4 digit numbers.
- Order, compare & estimate numbers beyond 1000.
- Round numbers like 6725 to the nearest 10, 100 or 1000.
- Know up to the 12 times table by heart, e.g. know facts like,  $7 \times 5$  is the same as  $5 \times 7$  and  $36 \div 4$ , is known by  $4 \times 9$ .
- Work out mental calculations like  $26 + 58$  and  $62 - 37$
- Work out calculations like  $7234 + 1479$  or  $2791 - 1223$  using pencil and paper and writing them in columns.
- Solve 2 step addition & subtractions problems
- Multiply & divide 1,2 & 3 digit numbers by 10, 100 using tenths & hundredths  $2.4 \times 10 = 24$   $356 \div 100 = 3.56$
- Round & compare numbers up to 2 decimal places
- Use grid method to solve  $TO \times O$  &  $HTO \times O$  ( $49 \times 3$ ,  $569 \times 8$ )
- Change pounds to pence, cms to m and mm, and vice versa, e.g. work out that  $\pounds 3.45 = 345p$ , and  $3.5 \text{ metres} = 350 \text{ cms} / 3500 \text{ mm}$
- Recognise families of common equivalent fractions  $4/12 = 2/6 = 1/3$
- Read Roman numerals to 100
- Read, write & convert time between analogue, digital, 12 & 24 hour clocks and use a simple timetable.
- Compare & classify shapes, including quadrilaterals & triangles and identify acute, obtuse & right angles
- Use symbols correctly, including less than ( $<$ ), greater than ( $>$ ) ( $=$ ).
- Calculate the area & perimeter of rectilinear shapes
- Use co-ordinates to describe & plot positions on a 2D grid
- Interpret & present data in bar charts, tables & time graphs

## About the statements

These statements show some of the things your child should be able to do by the end of Year 4. Some may be more complex than it seems, e.g. a child may be able to subtract 497 from 506 by writing it in columns without realising it is quicker to count on from 497 up to 506 in their heads.

## Fun activities to do at home:

### Measuring

Use a tape measure that shows centimetres.

Take turns measuring lengths of different objects, e.g. the length of a sofa, the width of a table, the length of the bath, the height of a door.

Record the measurement in centimetres, or metres and centimeters if it is more than a metre, e.g. if the bath is 165 cm long, you could say it is 1m 65cm (or 1.65m).

Write all the measurements in order.

### Number game

Use three dice. If you have only one dice, roll it 3 times.

Make three-digit numbers, e.g. if you roll 2, 4 and 6, you could make 246, 264, 426, 462, 624 and 642.

Ask your child to round the three-digit number to the nearest multiple of 10. Check whether it is correct, e.g. 76 to the nearest multiple of 10 is 80. 134 to the nearest multiple of 10 is 130. (A number ending in a **5** always **rounds up**.) Roll again. This time round three-digit numbers to the nearest 100.

## Tables

Practise the times tables. Say them forwards and backwards.

Ask your child questions like:

What are five threes?

What is 15 divided by 5?

Seven times three?

How many threes in 21?

## Out and about

Choose a three-digit number, e.g. 569. (This could be from a number plate, signpost, time on a digital clock)

Make a subtraction from this, e.g.  $56 - 9$ .

Work it out in your head. Say the answer.

If you are right, score a point.

## Useful resources:

- The Games section of Purple Mash, accessible from the Content Library section of MyLearning, the school Learning Platform.
- Twinkl.co.uk has some free worksheets and games.
- TES i-board has some free games and learning tools for KS1 and KS2 in all curriculum areas.

## Other useful links:



### **KS2 BBC Bitesize**

Contains lots of video clips and learner guides covering much of the curriculum.



### **Topmarks**

Contains links to a wide range of games to help consolidate Maths learning. Use the top toolbar to filter to the correct age range, then select the area of Maths to practise.



### **Snappy Maths**

Contains worksheets and games covering a range of Mathematical skills.



### **MathsZone**

Contains games organised by area of learning.