

## MEASUREMENT

- Compare and describe lengths and heights [for example, long/short, longer/shorter, tall/short, double/half] *I am taller than my sister. This pencil is shorter than the ruler*
- Compare and describe mass/weight [for example, heavy/light, heavier than, lighter than] *The apple is heavier than the banana*
- Compare and describe capacity and volume [for example, full/empty, more than, less than, half, half full, quarter] *The bottle is half full. I have more juice than you*

## MEASUREMENT – Money

- **Recognise and know the value of different coins and notes**

## MEASUREMENT – Time

- Use the words hours, minutes, seconds
- Talk about time using these words: before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening
- Know and use the days of the week and months of the year
- **Tell the time to the hour and half past the hour**

## GEOMETRY (Shape)

- Recognise and name 2-D shapes: rectangles (including squares), circles and triangles
- Recognise and name 3-D shapes: cuboids (including cubes), pyramids and spheres.
- Describe position, direction and movement, including whole, half, quarter and three-quarter turns



# St. Andrew's CE Primary School

## A Parent's Guide to Maths in Year One



This booklet contains the skills the children should know by the end of Year One. They are the key mathematical skills that children need to know in this year group. You will notice that there are many objectives—so we have highlighted in red the key skills you could practice at home.

The skills are taken from the National Curriculum. If you wish to see the full mathematics curriculum please visit

[www.gov.uk/government/collections/national-curriculum](http://www.gov.uk/government/collections/national-curriculum)

For more information about what is being taught in other year groups at St. Andrew's and to view our Calculation Policy please visit our school website at

[www.standrewsprimaryschoolstockwell.org/numeracy](http://www.standrewsprimaryschoolstockwell.org/numeracy)

## NUMBER

### Number and place value

- **Counting up to 100, forwards and backwards, beginning with 0 or 1,**
- **Counting up to 100 from any number, forwards and backwards 22, 23, 24.... 65, 64, 63....**
- **Count, read and write numbers to 100 in numerals;**
- **Count in twos 2, 4, 6, etc**
- **Count in fives 5, 10, 15 etc**
- **Count in multiples of tens 10, 20, 30, etc**
- Find one more and one less than a number up to 100
- Find numbers on a numbers line
- Describe numbers by saying by using these words: more than, less than, fewer, most, least *"25 is less than 30"*
- Putting numbers up to 100 in order
- Match a number with a set of objects
- Read and write numbers from 1 to 20 in words *one, two, three, sixteen etc.*

### NUMBER – Addition and Subtraction

- Read, write and understand sums involving addition (+), subtraction (–) and equals (=) signs
- **Know and use number bonds to 10  $1 + 9 = 10$ ,  $2 + 8 = 10$  e.t.c  $10 - 9 = 1$ ,  $10 - 8 = 2$**
- **Know and use number bonds to 20  $1 + 19 = 20$ ,  $2 + 18 = 20$  e.t.c  $20 - 1 = 19$ ,  $20 - 18 = 2$**
- Add and subtract one-digit and two-digit numbers to 20, including zero e.g.  $14 + 3 = 17$ ,  $13 - 2 = 11$
- **Solve maths problems and puzzles that involve addition and subtraction, using objects and pictures, *Sam has 7 bananas and James has 3 bananas. How many bananas are there altogether?***
- Solve missing number problems such as  $7 = \square - 9$

### NUMBER – Multiplication and Division

- Solve maths problems involving multiplication and division, by calculating the answer using objects and pictures



- Sharing – 6 sweets are shared between 2 people. How many do they have each?



### NUMBER – Fractions

- Find half of an object
- Find half of a shape
- Find half of a quantity *Half of 12 is 6*
- Find a quarter of an object
- Find a quarter of a shape
- Find a quarter of a quantity *Quarter of 12 is 3*