



# STANBRIDGE LOWER SCHOOL

## New National Curriculum 2014 - Programmes of Study

### Maths- Year 1

#### Spoken Language (Yr1-Yr4)

\*Listen and respond \*ask questions to extend understanding and knowledge \*build vocabulary \*articulate and justify answers, arguments and opinions \*give well structure description  
 \*participate actively in collaborative conversations \*speculate, hypothesise, imagine and explore ideas \*participate in discussions, presentations, performances, role play, improvisations and debates \*gain, maintain and monitor the interest of the listener(s) \*consider and evaluate different viewpoints.

#### Number - number and place value

- Count to and across 100 forwards and backwards, beginning with 0 or 1, or from any given number.
- Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens
- Given a number, identify one more and one less
- Identify and represent numbers using objects and pictorial representations including the number line, and use the language of equal to, more than, less than, fewer, most and least.
- Read and write numbers from 1 to 20 in numerals and words.

#### Number - addition and subtractions

- Read, write and interpret mathematical statements involving addition(+), subtraction (-) and equals (=) signs.
- Represent and use number bonds and related subtraction facts within 20
- Add and subtract one digit and two digit numbers to 20 including zero
- Solve one step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as  $7 = \square - 9$ .

#### Number - addition and subtractions

- Solve one step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.

#### Geometry - proportion of shapes

- Recognise and name 2-D shapes Eg rectangles (including squares), circles and triangles
- Recognise and name 3-D shapes Eg cuboids (including cubes), pyramids and spheres.

#### Geometry - Position and Direction

- Describe position, direction and movement, including whole, half and quarter and three quarter turns.

#### Measurement

- Compare, describe and solve practical problems for....
- Lengths and heights Eg long/short, longer/shorter. Tall/short, double/half.
  - Mass/Weight: Eg. Heavy/light, heavier than/lighter than.
  - Capacity and volume Eg. Full/empty, more than/less than, half, half full quarter full
  - Time Eg quicker, slower, earlier, later
- Measure and begin to record the following....
- Lengths and heights
  - Mass and weight
  - Capacity and volume
  - Time (hours, minutes and seconds)
- .Recognise and know the value of different denominations of coins and notes
- Sequence events in chronological order using language Eg before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening.
- Recognise and use language relating to dates, including days of the week, weeks, months and years
- Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times.