

CLIPSTONE BROOK 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.

