Clarendon Primary School

'Doing or best to achieve our best'

Year 3

Maths End of Year Expectations

This booklet provides a summary of the most significant end of year expectations for children in Year 3 in Mathematics.

The end of year expectation objectives are worked on throughout the year and will be the focus of direct teaching. Any extra support you can provide in helping your children to achieve these is greatly valued.

If you have any queries regarding the content of this booklet or want support in knowing how best to help your child, please talk to your child's teacher.

Year 3 End of Year Expectations for Mathematics

Number and place value

- Counts from 0 in multiples of four, eight, 50 and 100
- Can work out if a given number is greater or less than 10 or 100
- Recognises the place value of each digit in a three-digit number (hundreds, tens, and ones)
- Solves number problems and practical problems involving these ideas

Addition and subtraction

- Adds and subtracts numbers mentally including:
  - a three-digit number and ones;
  - a three-digit number and tens; and
  - a three-digit number and hundreds.

Multiplication and division

- Recalls and uses multiplication and division facts for the multiplication tables:
  - three;
  - four; and
  - eight.
- Writes and calculates mathematical statements for multiplication and division using the multiplication tables that are known including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods

Fractions (including decimals)

- Counts up and down in tenths; recognises that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10
- Recognises, finds and writes fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators
- Recognises and shows, using diagrams, equivalent fractions with small denominators

Measurement

- Measures, compares, adds and subtracts lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
- Adds and subtracts amounts of money to give change, using both £ and p in practical contexts
- Tells and writes the time from an analogue clock and 12-hour and 24-hour clocks
- Identifies right angles, recognises that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identifies whether angles are greater than or less than a right angle

Statistics

- Interprets and presents data using bar charts, pictograms and tables