



## The Mall School

### Curriculum Guide

#### Mathematics – Summer Term

##### Year 4

Teachers: Mrs Sue Warrington, Mrs Ann-Marie Upton & Mrs Juliet Tovey  
Lessons: 2 x 40min, 2 x 60min, 1 x 80min  
Homework: 2 x 30min (Wednesday & Friday)

##### Introduction:

The main focus is to develop their number work. The other main strands of Shape, Space and Measures, Handling Data and Properties of number will also be included. Mental arithmetic games play a large part in the children's learning as this is vital to build self-confidence. Non-verbal reasoning will continue in one of the 40 minute lessons to aid their sequencing and coding skills.

##### Key Objectives:

- Multiply and divide any positive integer up to 10,000 by 10 or 100 and understand the effect.
- Order a given set of positive and negative integers.
- Relate fractions to division and to their decimal representations.
- To use, read and write standard metric units of mass (kg and g) including their abbreviations and relationships between them.
- Recognise and name angles according to their size. Classify different types of angles.
- Recognise rotational symmetry in shapes. Begin to use rotational symmetry of order 2, 3 etc.
- Carry out column addition and subtraction of positive integers less than 10,000.
- To solve a problem by representing and interpreting data in tables, charts, graphs and diagrams.
- Use all four operations to solve simple word problems involving numbers and quantities, including time, explaining methods and reasoning.

These key objectives will be covered alongside others in the units of work in each term. The topic areas to be covered for the Summer Term are as follows:

- Place Value
- Division
- Fractions
- Ratio & Proportion
- Area & Perimeter
- Angles
- Rotation
- Measures
- Data Handling
- Reasoning

##### Resources:

All pupils must bring the following equipment to all lessons: Pencil, Rubber, Pencil Sharpener, 30cm Ruler, Protractor, Compass, Calculator, Colouring Pencils, Highlighter Pens, Glue Stick.