

Year 6

Maths on the Move objectives

Mental Maths and Place Value	
1	To multiply numbers up to 4 digits by a 2 digit number
2	To multiply decimal numbers by whole numbers
3	To complete mental calculations with large numbers
4	To identify prime numbers
5	To identify common factors and common multiples
6	To understand and use BODMAS
7	To simplify fractions
8	To add and subtract fractions
9	To multiply and divide decimals by 10, 100 and 1000
10	To convert between decimals and fractions
11	To solve multistep problems
12	To recap lessons 1-11

Fractions and Decimals	
1	To understand simple formulae
2	To understand linear sequences
3	To solve missing number problems written algebraically
4	To solve questions that have two unknowns
5	To show all possibilities of combinations of two variables
6	Recap 1-5
7	To understand and solve ratio problems
8	To solve proportion problems
9	To use percentages
10	To use and understand scale factor
11	To use ratio knowledge and understand unequal sharing
12	Recap 7-11

Measurement and Shape	
1	To convert between units of measure
2	To solve problems that involve area and perimeter
3	To use formulae to work out area and perimeter
4	To calculate areas of parallelograms and triangles
5	To calculate, estimate and compare volumes of cubes and cuboids
6	To draw 2D shapes when given dimensions and angles
7	To recognise and describe 3D shapes
8	To know the parts of circles, including radius, diameter and circumference
9	To find missing angles
10	To solve coordinate problems
11	To translate and reflect simple shapes
12	Recap lessons 1-11