Upper KS2

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	**Number: Place Value** Representing, ordering and comparing, rounding. Year 5 – Number up to a million Year 6 – Numbers over a million		**Number: Addition**	**Number: Subtraction** Formal column subtraction with no exchanging moving on to column subtraction with decimals	**Number: Multiplication** Revise grid method before moving onto expanded long multiplication working towards short compact multiplication – with decimals when appropriate.	**Number: Division** Formal 'bus stop' method moving onto formal 'bus stop' method with decimals	**Number: 4 Operations** Selecting efficient methods	**Number: 4 operations** Application	**Fractions:** Finding equivalent fraction Simplifying fractions Comparing and ordering fractions Finding fractions of an amount Converting between mixed and improper fractions 4 operations with fraction (dividing fractions if appropriate)			
Spring	**Number: Ratio** Understanding what ratio is, and being able to use ratio to describe, before moving onto applying knowledge of ratio.	**Number: Decimals** 4 operations (within 1, moving towards re-vising written methods where appropriate) Rounding decimals	**Number: Percentage** Percentages of an amount	**Number: Decimal – percentage – fractions** Conversion and application		**Number: Algebra** Finding rules before moving onto substitution and application		**Measurement: Perimeter, area, volume** Perimeter and area of compound and irregular shapes moving onto finding area and perimeter of triangles and parallelograms. Volume of cuboids.		**Measurement: Converting units** Converting between units of time (year 6 km an miles) this unit will include application of previous skills: 4 operations, and finding fractions and percentages.		
Summer	**Statistics:** Read and interpreting line graphs and bar graphs. Creating line graphs and bar graphs Year 6: pie charts		**Geometry: Position and direction** Using co-ordinates, reflection and translation	**Assessment**		During this time there will be a focus on application of previously learnt skills, ensuring children are ready for their next year. Real life Maths in action – Apprentice Project						

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