

Fleckney Primary School - Maths Yearly Overview - Year 5

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17
Autumn	Place Value: Roman Numerals Numbers to 100000 Read and write numbers to 1,000,000 Powers of 10 10,100,1000,100000,1000000 more or less Partition numbers to 1,000,000 Number line to 1000000 Compare and order numbers to 1,000,000 Round to the nearest 10, 100, 1000 Round within 100000 Round within 1000000			Number: Addition and subtraction Use mental strategies to add and subtract Add and subtract whole numbers with more than 4 digits Round numbers to check answers Use inverse operations to check answers Solve multi-step calculations		Number Multiplication and Division A Multiples and common multiples Factors and common factors Find prime, square and cube numbers Multiply by 10, 100 & 1000 Divide by 10,100,1000 Multiples of 10,100,1000			HALF TERM	Number: Fractions A Find a fraction equivalent to a unit fraction Find a fraction equivalent to a non-unit fraction Recognise equivalent fractions Convert improper fractions to mixed number Convert mixed numbers to improper fractions Compare fractions less than 1 Order fractions less than 1 Add & Subtract fractions with the same denominator Add fractions within 1, Add to a mixed number, and Add two mixed numbers			Number: Fractions A cont. Subtract fractions Subtract from a mixed number Subtract from a mixed number – braking the whole and subtract 2 mixed numbers		Assessment	DT project	
Spring	Number Multiplication and Division B Multiply four digit numbers by one and two digit numbers Mult 2 by 2 digit numbers Mult 3 by 2 digit numbers Mult 4 by 2 digit numbers Solve problems with multiplication Short Division Divide 4 digit numbers by 1 digit Divide with remainder Efficient division Solving problems with multiplication and division		Number: Fractions B Multiply a unit fraction by an integer Multiply a non- unit fraction by an integer Multiply a mixed number by an integer Calc. fractions of a quantity Fractions of an amount Find a whole Use fractions as operators				HALF TERM	Number: Decimals and percentages Use decimals to two decimal places Find equivalent fractions and decimals Order, round and compare fractions Understand percentages Percentages as a fraction Percentages as a decimal To find equivalent fractions, decimals and percentages		Measurement : Perimeter and Area Perimeter and area of a rectangle, rectilinear shape, polygons		Assessment					
Summer	Geometry: Shape: Angles Understanding and use degrees Classify and measure angles Estimate angles Read and plot coordinates Measure angles to 180 Draw lines and angles accurately Calculate angles round a point Lengths of angles in shapes Regular and irregular polygons 3-D shapes		Geometry Position and Direction Read and plot coordinates Translate with coordinates Identify lines of symmetry Reflect shapes in horizontal and vertical lines		Number Decimals Use known facts to add and subtract decimals to 1 Complements of 1 Add and subtract decimals across 1 Add and subtract decimals with different number place values Use effective strategies Decimal sequences Mult by 10,100,1000 Divide by 10,100,1000		Negative Numbers Understand negative numbers Count through zero in 1's Count through zero in multiples Compare and order negative numbers Find the difference		HALF TERM	Measurement Converting Units Kg and Km mm and ml Convert units of length Convert metric and imperial units Convert units of time Calculate with timetables		Assessment	Measurement Volume Cubic cm Compare volume Estimate volume Estimate Capacity		End of term Activities and Consolidation		