

Fleckney Primary School - Maths Yearly Overview - Year 6

	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	Number: place value Place value to 10,000,000 Read and write numbers to 10,000,000 Multiply and divide by 10,100,1000 Identify numbers up to 10,000,000 on number line Compare and order numbers Round any integer Use negative numbers		Number: add, subtract, x and divide Add and subtract integers Identify common factors and multiples Identify prime numbers up to 100 Recognise square and cube numbers Multiply 4 digit numbers by 2 digit numbers Solve problems with multiplication Divide 4 digit numbers by 1 digit numbers Divide using factors Divide 4 digit numbers by 2 digit numbers Interpret remainders when using long division Solve problems with division Solve multi-step problems Use the order of operations to calculate Perform mental calculations and estimate Reason from known facts				Y6 residential to P6L	Number: fractions Find equivalent fractions and simplify Place equivalent fractions on a number line Compare and order fractions	HALF TERM	Number: fractions Add and subtract fractions Add/subtract mixed numbers Solve multi-step fractions problems Multiply fractions by integers and fractions Divide a fraction by an integer		Number: fractions Divide any fraction by an integer Answer mixed questions with fractions Find fractions of an amount Find the whole from a fraction of an amount	Number: ratio/proportion Understand additive/multiplicative relationships Use ratio language Understand the ratio symbol Explore link between ratio and fractions Draw scale diagrams. Use scale factors Identify similar shapes.Solve ratio problems		Number: ratio/proportion Solve proportion problems Solve recipe problems	Assessment	DT project	
Spring	Number: algebra Use one step function machines Use two step function machines Form algebraic expressions Substitute numbers in place of letters Write algebraic formulae Form equations Solve one step equations Solve two step equations Find pairs of values Solve problems with two unknowns			Number: decimals Understand place value within one (3dp) Understand place value beyond one (3dp) Round decimals Add and subtract decimals Multiply and divide by 10, 100, 1000 Multiply and divide decimals by integers Multiply and divide decimals in context		Number: fractions, decimals, % Find decimal and fraction equivalents Recognise fractions as division Understand percentages Convert fractions to percentages Find fraction, decimal and % equivalents		HALF TERM		Number: fractions, decimals, % Order fractions, decimals and % Find percentages of an amount Find missing values in percentage questions		Measurement: area and perimeter Find area by counting squares Area/perimeter of rectilinear shapes Find area of right-angled triangles Find the area of any triangle Find the area of a parallelogram Find volume of cuboid by counting cubes Find the volume of any cuboid		Statistics Interpret line graphs Explore dual bar charts	DT			

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Summer						
Statistics Draw, read and interpret pie charts Understand pie charts with percentages Calculate and interpret the mean						
Geometry: shape Measure and classify angles Calculate angles Vertically opposite angles Angles in a triangle Triangles - special cases Triangles - missing angles Angles in quadrilaterals Angles polygons Language of circles Draw shapes accurately Make nets of 3D shapes						
Geometry: position and direction Read/plot points in four quadrants Solve co-ordinates problems Translate and reflect shapes						
National Curriculum Tests (NCTs)						
Project work						
HALF TERM						
Project work						