



2020-2021 Maths Long Term Plan Year 5

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
1.1	Year 4 revision (4 operations)	Place Value Read, write, order and compare numbers, negative numbers, counting backwards and forwards through zero, round numbers and read Roman Numerals to 1000.			Addition and subtraction Add and subtract numbers mentally, add and subtract whole numbers with more than 4 digits, use rounding to check answers, solve addition and subtraction multi-step problems			Consolidation
1.2	Multiplication and division Multiply and divide numbers mentally, multiply and divide whole numbers by 10, 100 and 1000, multiply numbers up to 4 digits by one or two digit numbers, divide numbers up to 4 digits by a one digit number, identify multiples and factors, recognise square and cube numbers, solve problems involving the four operations				Statistics Solve comparison, sum and difference problems using a line graph, complete, read and interpret information in tables including timetables		Revision and Assessment	
2.1	Fractions Compare and order fractions, identify, name and write equivalent fractions, recognise mixed numbers and improper fractions and convert one form to the other, add and subtract fractions, multiply proper fractions and mixed number fractions by whole numbers					Decimals Read, write and order numbers with up to three dp, recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents		
2.2	Decimals Round decimals with two dp to nearest whole number and one dp, solve problems using dp, multiply and divide numbers with decimals by 10, 100 and 1,000		Percentages Recognise %, understand % means out of 100, write percentages as fractions and as a decimal, solve problems with FDP equivalents			Revision and Assessment		
3.1	Angles Estimate and compare acute, obtuse and reflex angles, draw and measure angles, identify angles at a point and on a straight line		Geometry – shapes Identify 3D shapes, use properties of rectangles to deduce facts, find missing lengths and angles, distinguish between regular and irregular polygons		Geometry – position and directions Identify, describe and represent the position of a shape following reflection or translation		Consolidation	
3.2	Measuring – converting units Convert between different units of metric measure, use approximate equivalences between metric and imperial units, solve problems involving convert units of time		Prime numbers Recognise prime factors, establish whether a number up to 100 is prime and recall prime numbers up to 19	Perimeters and area Measure and calculate perimeter of composite rectilinear shapes, calculate and compare area of rectangles	Measures and volume Estimate volume and capacity Use all four operations to solve problems involving measure	Consolidation and Assessment		