

Diamond Year 3/4 Medium Term Maths Plan

Diamond	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Autumn 1	Place Value Hundreds, tens and ones Represent numbers to 1000 Partition numbers to 1000 Thousands Represent numbers to 10000	Place Value Partition numbers to 10000 Flexible partitioning Find 1, 10,100 or 1000 more or less Number lines to 1000 Estimate on a number line	Place Value Compare numbers Order numbers Round to the nearest 10, 100 and 1000. Roman Numerals	Addition and Subtraction Add and subtract 1s, 10s, 100s, 1000s Add 1s, 10s, 100s, 1000s across a boundary Subtract 1s, 10s, 100s, 1000s across a boundary Make connections	Addition and Subtraction Add up to two 4-digit numbers-no exchange. Add up to two 4-digit numbers (across a 10) Add up to two 4-digit numbers (across a 100) Add up to two 4-digit numbers(across a 1000) Add numbers with a different number of digits	Addition and Subtraction Subtract up to two 4-digit numbers-no exchange Subtract up to two 4-digit numbers (across 10) Subtract up to two 4-digit numbers (across 100) Subtract up to two 4-digit numbers (across 1000)	Addition and Subtraction Subtract numbers with a different number of digits. Complements to 100 and 1000. Estimate answers Inverse operations Efficient Methods
Autumn 2	Multiplication and Division Arrays Sharing and Grouping The 2, 5 and 10times-tables The 4 times-table The 8 times-table	Multiplication and Division The 2, 4 and 8 times-table The 3 times-table The 6 times-table The 9 times-table The 3, 6 and 9times-table	Multiplication and Division The 7 times-table The 11 times-table The 12 times-table Multiply buy 1 and 0 Divide a number by 1 and itself	Area What is Area? Count squares Make shapes Compare areas	Length and Perimeter Measure in cm and mm Measure in km and metres Kilometres, metres, centimetres and millimetres Equivalent lengths Add and subtract lengths	Length and Perimeter What is perimeter? Calculate perimeter Perimeter of rectilinear shapes Calculate perimeter of rectilinear shapes Perimeter of polygons	Assessment Week
Spring 1	Multiplication and Division Factor pairs Multiply and divide by 10 and 100 Reasoning about multiplication Multiply 3 numbers Efficient multiplication	Multiplication and Division Scaling Correspondence problems Multiply up to a 3-digit number by a 1-digit number-no exchange Multiply up to 3-digit number by a 1-digit number with exchange Related calculations multiplication and division	Multiplication and Division Divide by a 1-digit number – flexible partitioning Divide up to a 3-digit number by a 1-digit number-no exchange Divide up to a 3-digit number by a 1-digit-with exchange Divide up to a 3-digit number by a 1-digit-with remainders	Fractions A Understand denominators Compare and order unit fractions Understand numerators Understand the whole Fractions on a number line	Fractions A Compare and order non-unit fractions Equivalent fractions Count beyond 1 Partition a mixed number Compare and order mixed numbers	Fractions A Understand improper fractions Convert mixed numbers to improper fractions Convert improper fractions to mixed numbers Equivalent fraction families	
Spring 2	Mass and Capacity Measure mass in grams Measure mass in kilograms and grams Equivalent masses Compare mass Add and subtract mass	Mass and Capacity Measure capacity and volume in millimetres Measure capacity and volume in millilitres and litres Equivalent capacities and volumes Compare capacity and volume Add and subtract capacity and volume	Fractions B Add fractions Add fractions and mixed numbers Subtract fractions Subtract from whole amounts Subtract from mixed numbers	Fractions B Unit fractions of amounts Non-unit fractions of amounts Reasoning with fractions of amounts	Statistics A Pictograms Interpret bar charts Draw bar chart Comparison, sum and difference	Assessment Week	
Summer 1	Time Tell the time to 5 minutes Tell the time to the minute Read time of a digital clock Use am and pm Convert between analogue and digital times	Time Convert between 12- and 24-hour clock times Hours, minutes and seconds Find and use durations Years, months, weeks and days	Decimals Tenths as fractions Tenths as decimals Tenths on a place value chart Tenths on a number line Hundredths as fractions	Decimals Hundredths as decimals Hundredths on a place value chart Halves and quarters as decimals Make a whole	Decimals Partition decimals Compare and order decimals Round to the nearest whole number Divide a number by 10 Divide a number by 100	Statistics A Interpret line graphs Draw line graphs Two-way tables Collect and represent data	
Summer 2	Money Pound and pence Write money using decimals Convert pounds and pence Compare amounts of money Estimate with money	Money Add money Subtract money Find change Solve problems with money	Shape Turns and angles Identify angles Compare and order angles Types of lines Triangles	Shape Quadrilaterals Polygons Draw polygons Symmetry 3-D Shapes	Position and Direction Plot co-ordinates Draw 2-D shapes on a grid Translate on a grid Describe translation on a grid	Statistics B Pictograms Interpret bar charts Draw bar charts Comparison, sum and difference	Assessment Week