Diamond (Year 3/4) Medium Term Curriculum Map

Differentiation by input *-Resources:* **see the weekly planning** from White Rose scheme *Minimum Assessment for Learning strategies* for all topics
- Long term memory development strategies= Recapping pervious learning at the start of each new topic / Long term memory strategy linked to the objectives on this sheet for each

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, 100os 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 tines-table The 3 times-table The 6 times-table The 9 times-table The 3, 6 and 9 times-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**