Crosby Primary School
Year 4 Maths Long Term Plan

	A			B		
Autumn	**Number and Place Value (4 weeks):** Represent to 1000 Partition to 1000 Number line to 1000 Thousands Represent to 10000 Partition to 10000 Flexible partitioning Find 1, 10, 100, 1000 more/less Number line to 10000 Estimate on a number line Compare numbers 4d Order numbers 4d Round to nearest 10 Round to nearest 100 Round to 1000 Round to 10, 100, 1000	**Addition and Subtraction (3 weeks):** Add and Subtract 1s 10s 100s 1000s Add two 4digit numbers no exchange Add two 4digit numbers, one exchange Add two 4digit numbers, more than one exchange Subtract two 4 digit numbers, no exchange Subtract two 4 digit numbers, one exchange Subtract two 4 digit numbers, more than one exchange Efficient subtraction Estimation Checking strategies		**Number and place Value (1 week):** Negative Numbers	**Multiplication and Division (4 weeks):** Multiples of 3 Multiply and divide by 6 6 times table and division facts Multiply and divide by 9 9 times table and division facts 3x 6x 9x tables Multiply and divide by 7 7 times table and division facts 11 times table and division facts 12 times table and division facts Multiply by 0 and 1 Divide by 1 and itself Multiply 3 numbers	**Area (2 week):** What is area? Counting squares Making shapes Comparing area
Spring	**Multiplication and Division (3 weeks)** Factor pairs Multiply by 10 Multiply by 100 Divide by 10 Divide by 100 Related facts – multiplication and division Informal written methods for multiplication Written methods Multiply 2d by 1d Multiply 3d by 1d Divide 2d by 1d Divide 3d by 1d Correspondence problems Efficient multiplication	**Length and Perimeter (2 weeks):** Kilometres Equivalent lengths km/m Perimeter on a grid Perimeter of a rectangle Perimeter of rectilinear shapes Missing lengths Calculate perimeter of rectilinear shapes Perimeter of regular polygons Perimeter of polygons		**Fractions (4 weeks):** Understand the whole Count beyond 1. Partition mixed numbers Number lines and mixed numbers Compare and order mixed numbers Understand improper fractions Convert mixed numbers to improper fractions Convert improper fractions to mixed numbers Equivalent fractions – number line Equivalent fraction families Add 2 or more fractions, same denominator Add fractions and mixed numbers Subtract 2 fractions, same denominator Subtract from whole amounts	**Decimals (3 weeks):** Tenths as fractions and decimals Tenths on a PV grid and number line Divide 1 digit by 10 Divide 2 digits by 10 Hundredths as fractions and decimals Hundredths on a PV grid Divide 1 and 2 digits by 100	
Summer	**Decimals (2 weeks):** Make a whole with tenths/hundredths Partition decimals Flexibly partition Compare decimals 2dp Order decimals 2dp Round decimals 1dp to whole Halves and Quarters	**Money (2 weeks):** Write money using decimals Pounds and Pence Compare money Estimating Money Calculate with money - Four operations Solve problems	**Time (2 weeks):** Years, months, weeks and days Hour, minutes and seconds Convert between analogue and digital – 12h Convert to 24h clock Convert from 24h clock	**Number (1 week):** Roman Numerals to 100 **Geometry: Properties of Shapes (2 weeks):** Angles as turns Identify angles Compare and order angles Triangles Quadrilaterals Polygons Lines of symmetry Complete a symmetric figure	**Statistics (2 weeks):** Interpret Charts Comparison, sum and difference Line graphs – interpret and draw	**Geometry: Position and Direction (2 weeks):** Describe position (co-ordinates first quadrant) Plot co-ordinates Draw 2D shapes on a grid Translate on a grid Describe translation on a grid