HIGH LITTLETON CHURCH OF ENGLAND PRIMARY SCHOOL
MATHEMATICS MEDIUM TERM PLAN TERM 4

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Hedgehog (Y1)	**ADDITION AND SUBTRACTION (WITHIN 20)** Subtraction – counting back Subtraction – finding the difference Related facts Missing number problems	**PLACE VALUE (WITHIN 50)** Count from 20 to 50 20, 30, 40 and 50 Count by making groups of tens Groups of tens and ones	**PLACE VALUE (WITHIN 50)** Partition into tens and ones The number line to 50 Estimate on a number line to 50 1 more, 1 less	**LENGTH AND HEIGHT** Compare lengths and heights	**LENGTH AND HEIGHT** Measure length using objects Measure length in centimetres	**MASS AND VOLUME** Heavier and lighter Measure mass Compare mass Full and empty Compare volume Measure capacity Compare capacity
Fox (Y2)	**MULTIPLICATION AND DIVISION** The 10 times-table Divide by 10 The 5 times-table	**MULTIPLICATION AND DIVISION** Divide by 5 The 5 and 10 times-tables	**LENGTH AND HEIGHT** Measure in centimetres Measure in metres Compare lengths and heights	**LENGTH AND HEIGHT** Order lengths and heights Four operations with lengths and heights	**MASS, CAPACITY AND TEMPERATURE** Compare mass Measure in grams Measure in kilograms Four operations with mass	**MASS, CAPACITY AND TEMPERATURE** Compare volume and capacity Measure in millilitres Measure in litres Four operations with volume and capacity Temperature
Badger (Y3)	**LENGTH AND PERIMETER** Subtract lengths What is perimeter? Measure perimeter Calculate perimeter	**FRACTIONS** Understand the denominators of unit fractions Step 2 Compare and order unit fractions Step 3 Understand the numerators of non-unit fractions	**FRACTIONS** Understand the whole Step 5 Compare and order non-unit fractions Step 6 Fractions and scales	**FRACTIONS** Fractions on a number line Count in fractions on a number line Equivalent fractions on a number line Equivalent fractions as bar models	**MASS AND CAPACITY** Use scales Measure mass in grams Measure mass in kilograms and grams Equivalent masses (kilograms and grams) Compare mass	**MASS AND CAPACITY** Add and subtract mass Measure capacity and volume in millilitres Measure capacity and volume in litres and millilitres Equivalent capacities and volumes (litres and millilitres) Compare capacity and volume Add and subtract capacity and volume

Otter (Y4)	**FRACTIONS** Understand the whole Count beyond 1 Partition a mixed number Number lines with mixed numbers	**FRACTIONS** Compare and order mixed numbers Understand improper fractions Convert mixed numbers to improper fractions Convert improper fractions to mixed numbers	**FRACTIONS** Equivalent fractions on a number line Equivalent fraction families Add two or more fractions Add fractions and mixed numbers	**FRACTIONS** Subtract two fractions Subtract from whole amounts Subtract from mixed numbers	**DECIMALS** Tenths as fractions Tenths as decimals Tenths on a place value chart Tenths on a number line Divide a 1-digit number by 10	**DECIMALS** Divide a 2-digit number by 10 Hundredths as fractions Hundredths as decimals Hundredths on a place value chart Divide a 1- or 2-digit number by 100
Robin (Y5)	**DECIMALS AND PERCENTAGES** Decimals up to 2 decimal places Equivalent fractions and decimals (tenths) Equivalent fractions and decimals (hundredths) Equivalent fractions and decimals Thousandths as fractions Thousandths as decimals	**DECIMALS AND PERCENTAGES** Thousandths on a place value chart Order and compare decimals (same number of decimal places) Order and compare any decimals with up to 3 decimal places	**DECIMALS AND PERCENTAGES** Round to the nearest whole number Round to 1 decimal place Understand percentages Percentages as fractions Percentages as decimals Equivalent fractions, decimals and percentages	**PERIMETER AND AREA** Perimeter of rectangles Perimeter of rectilinear shapes Perimeter of polygons	**PERIMETER AND AREA** Area of rectangles Area of compound shapes Estimate area	**STATISTICS** Draw line graphs Read and interpret line graphs Read and interpret tables Two-way tables Read and interpret timetables
Deer (Y6)	**DECIMALS** Divide by 10, 100 and 1,000 Multiply decimals by integers Divide decimals by integers Multiply and divide decimals in context	**FRACTIONS, DECIMALS AND PERCENTAGES** Decimal and fraction equivalents Fractions as division Understand percentages Fractions to percentages Equivalent fractions, decimals and percentages	**FRACTIONS, DECIMALS AND PERCENTAGES** Order fractions, decimals and percentages Percentage of an amount – one step Percentage of an amount – multi-step Percentages – missing values	**AREA, PERIMETER AND VOLUME** Shapes – same area Area and perimeter Area of a triangle – counting squares Area of a right-angled triangle	**AREA, PERIMETER AND VOLUME** Area of any triangle Area of a parallelogram Volume – counting cubes Volume of a cuboid	**STATISTICS** Line graphs Dual bar charts Read and interpret pie charts Pie charts with percentages Draw pie charts The mean