

YEAR 6	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	
Autumn term	<u>PLACE VALUE</u> -Understand (the value of the digits of) numbers up to a million (then 10 million) -Read and write numbers to 10 million -Understand Powers of 10 -Position numbers (up to 10 million) on a number line -Compare and order any integers -‘Round’ any integers -Understand negative numbers		<u>ADDITION, SUBTRACTION, MULTIPLICATION & DIVISION</u> -Add and subtract integers -Find common factors -Find common multiples -Understand rules of divisibility (e.g. numbers with a 5 in the 1s digit divide by 5) -Find prime numbers (to 100) -Find square and cube numbers -Multiply up to 4-digit number by a 2-digit number -Solve multiplication problems. -Use short division -Divide using factors -Use long division (first without remainders, then with) -Solve division problems -Solve multi-step problems -Understand and use the order of operations -Mentally calculate and estimate -Reason using known facts					<u>FRACTIONS</u> -Simplify fractions -Position equivalent fractions on a number line -Compare and order fractions (using the denominator, then using the numerator) -Add and subtract simple fractions -Add and subtract any two fractions -Add and subtract mixed numbers -Solve multi-step problems -Multiply fractions by integers -Multiply fractions by fractions -Divide a fraction by an integer -Calculate fractions of amounts					<u>CONVERTING UNITS</u> -Recognise and use metric measures -Convert metric measures -Calculate with metric measures -Know the relationship between miles and kilometres -Convert imperial/ metric measures	CONSOLIDATION
Spring term	<u>DECIMALS</u> -(Revise) Understanding the value of digits in numbers (with up to 3 decimal places) -Round decimals -Add and subtract decimals -Multiply by 10, 100 and 1000 -Divide by 10, 100 and 1000 -Multiply decimals by integers -Divide decimals by integers		<u>FRACTIONS, DECIMALS & PERCENTAGES</u> -Calculate decimal and fraction equivalents -Understand fractions as division (e.g. $\frac{3}{4} = 3 \div 4$) -Understand percentages -Find equivalent fractions, decimals and percentages -Order fractions, decimals and percentages -Find percentages of amounts -Find the whole number from a given percentage	<u>AREA, PERIMETER & VOLUME</u> -Find the area and perimeter of rectilinear shapes -Find the area of right angled triangles, then any triangle -Find the area of parallelograms -Calculate the volume of cuboids	<u>STATISTICS (including timetables)</u> -Draw, read and interpret line graphs (including those with more than one line) -Interpret dual bar charts -Read and interpret pie charts -Understand pie charts (with percentages) -Draw pie charts -Find the mean (average)	<u>SHAPE</u> -Measure with a protractor -Draw lines and angles accurately -(Revise) Understand angles on a straight line and around a point -Calculate angles (including vertically opposite angles) -Calculate angles in triangles -Calculate angles in special quadrilaterals -Calculate angles in regular polygons -Draw shapes accurately -Draw nets of 3D shapes.	NO WEEK 12/13 THIS YEAR							
Summer term below														
YEAR 6 2022-2023 (updated after consultation with staff -January 2023) SUBJECT TO CHANGE BASED ON PUPIL NEED														

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Summer term	<u>POSITION & DIRECTION</u> -Plot points with given coordinates (first quadrant) -Read and plot points in four quadrants -Solve coordinate problems -Translate shapes in four quadrants -Reflect shapes in four quadrants	<u>ALGEBRA & RATIO</u> -Understand ratio as a relationship between two amounts and the symbol used -Understand the differences and similarities between ration and fractions -Draw to scale -Use scale factors -Solve problems involving ratio/proportion -Understand function machines -Find values of expressions -Understand formulae -Solve equations	<u>TIME revision (see yr 4 objectives) plus revision strategies</u>	SATS	THEMED PROJECTS including Enterprise								

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