

YEAR 5	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> -Know Roman Numerals to 1,000 -Understand numbers to 10,000 (then 100,000) -Read and write numbers to 1,000,000 (a million) -Use Powers of 10 -Find 10, 100, 1000, 10,000, 100, 000 more or less -Partition numbers to a million -Position numbers (up to a million) on a number line -Compare and order numbers to 100,000 (then to a million) -Round to the nearest 10, 100 or 1,000 -Round within 100,000 (then within a million)				<u>ADDITION & SUBTRACTION</u> -Add and subtract using mental strategies -Add whole numbers with more than 4 digits -Subtract whole numbers with more than 4 digits -Round to check answers -Use inverse operations -Solve multi-step addition and subtraction problems -Compare calculations -Find missing numbers		<u>MULTIPLICATION & DIVISION A</u> -Find multiples -Find common multiples -Find factors -Find common factors -Understand prime numbers -Find square numbers -Find cube numbers -Multiply by 10, 100 and 1,000 -Divide by 10, 100 and 1,000 -Find multiples of 10, 100 and 1,000		<u>FRACTIONS</u> -Find fractions equivalent to unit fractions -Find fractions equivalent to non-unit fractions -Recognise equivalent fractions -Convert improper fractions to mixed numbers -Convert mixed numbers to improper fractions -Compare fractions less than 1 -Order fractions less than 1 -Compare and order fractions greater than 1 -Add and subtract fractions with the same denominator -Add fractions within 1 -Add fractions with a total greater than 1 -Add to a mixed number -Add two mixed numbers -Subtract fractions -Subtract from a mixed number (including 'breaking the whole') -Subtract two mixed numbers				
Spring term	<u>MULTIPLICATION & DIVISION B</u> -Multiply up to a 4-digit number by a 1-digit number -Multiply a 2-digit number by a 2-digit number -Multiply a 3-digit number by a 2-digit number -Multiply a 4-digit number by a 2-digit number -Use short division -Divide a 4-digit number by a 1-digit number -Divide with remainders -Choose efficient division methods -Solve problems with multiplication and division			<u>FRACTIONS B</u> -Multiply a unit fraction by an integer -Multiply a non-unit fraction by an integer -Multiply a mixed number by an integer -Calculate a fraction of a quantity -Find fractions of amounts -(Use a fraction of an amount to) find a whole -Use fractions as operators (i.e. 'of' means X)		<u>DECIMALS & PERCENTAGES</u> -Understand decimals (up to 2 decimal places) -Find equivalent fractions and decimals (tenths, then hundredths) -Find equivalent fractions as decimals (e.g. $\frac{1}{4} = 0.25$) -Understand thousandths as fractions (and then as decimals) -Understand thousandths on a place value chart -Order and compare decimals (up to 3 decimal places) -Round to the nearest whole number -Round to 1 decimal place -Understand percentages as fractions -Understand percentages as decimals -Find equivalent fractions, percentages and decimals			<u>PERIMETER & AREA</u> -Calculate the perimeter of rectangles (then rectilinear shapes) -Calculate the perimeter of polygons -Calculate the area of rectangles (then compound shapes) -Estimate area		<u>STATISTICS</u> -Draw line graphs -Read and interpret line graphs -Read and interpret tables -Read and interpret two-way tables -Read and interpret timetables		NO WEEK 12 or 13 THIS YEAR
Summer term below													
YEAR 5 2022-2023 (updated after consultation with staff -January 2023) SUBJECT TO CHANGE BASED ON PUPIL NEED													

YEAR 5	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
Summer term	<u>SHAPE</u> -Understand and use degrees - Classify angles (including reflex angles) -Estimate the size of angles -Measure angles up to 180 degrees -Draw lines and angles accurately (in cm and mm) -Calculate angles around a point -Calculate angles on a straight line -Calculate missing lengths and angles in shapes -Identify regular and irregular polygons (and calculate their perimeter) -Identify 3-D shapes and describe their properties			<u>POSITION & DIRECTION</u> -Read and plot coordinates -Solve problems involving coordinates -Translate shapes on a grid -Translate shapes (with coordinates) -Identify all lines of symmetry in 2D shapes -Reflect shapes (in horizontal and vertical lines)		<u>DECIMALS</u> -Use known facts to add and subtract decimals within 1 -Identify complements to 1 (for numbers up to 3 decimal places) e.g. $0.35 + \dots = 1$ -Add and subtract decimals (so the answer crosses 1) -Add decimals with the same number of decimal places -Subtract decimals with the same number of decimal places -Add decimals with a different number of decimal places -Subtract decimals with a different number of decimal places -Use efficient strategies for adding and subtracting decimals -Find patterns/rules for decimal sequences -Multiply by 10, 100 and 1000 -Divide by 10, 100, 1000 -Multiply and divide decimals- find missing values			<u>NEGATIVE NUMBERS</u> -Understand negative numbers -Count through zero in 1s -Count through zero in multiples -Compare and order negative numbers -Find the difference (involving negative numbers)	<u>CONVERTING UNITS</u> -Understand kilograms and kilometres (and their relationship to grams and litres) -Understand millimetres and millilitres (and convert to metres and litres) -Convert units of length -Convert between metric and imperial units -Convert units of time -Solve problems using timetables (including time)		<u>VOLUME</u> -Make and measure the volume of cuboids (using cubic centimetres) -Compare volume -Estimate volume -Estimate capacity	CONSOLIDATION

YEAR 5 2022-2023 (updated after consultation with staff -January 2023) SUBJECT TO CHANGE BASED ON PUPIL NEED