

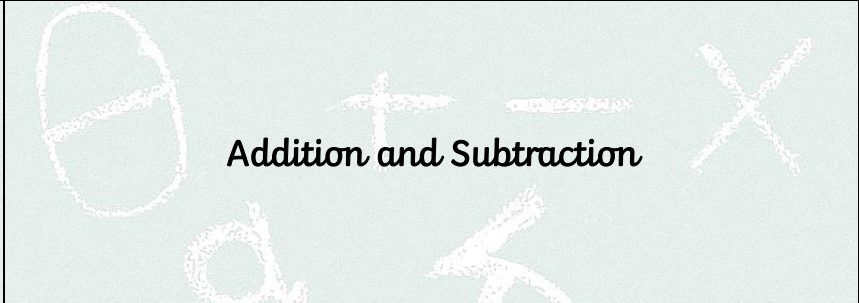
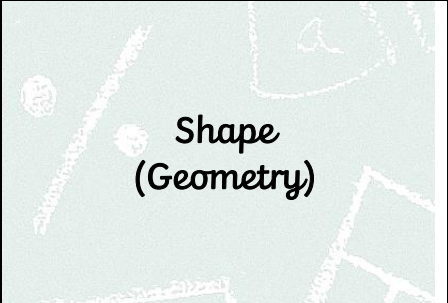
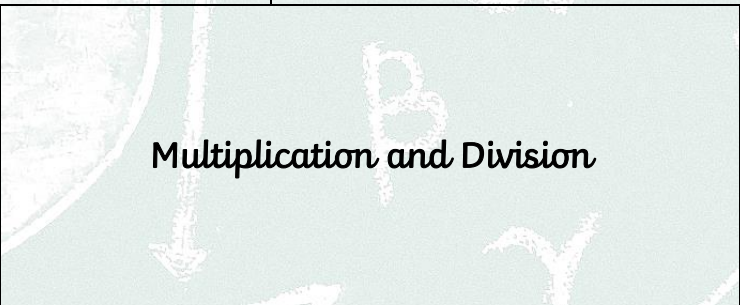
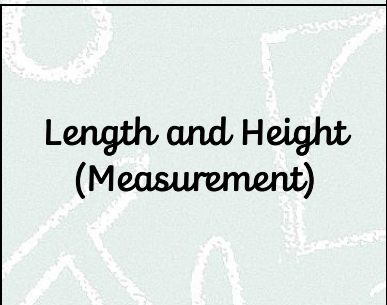
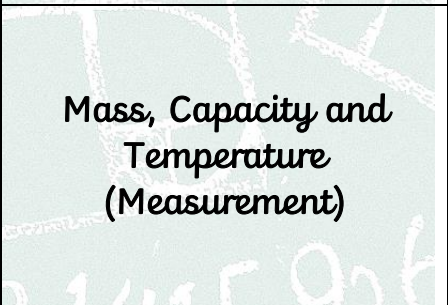
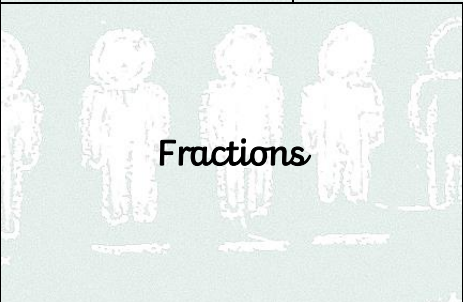
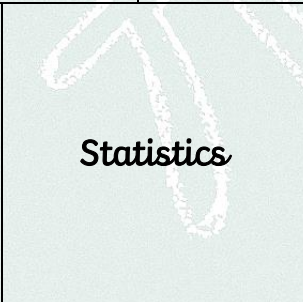
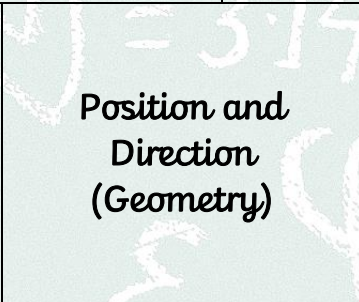
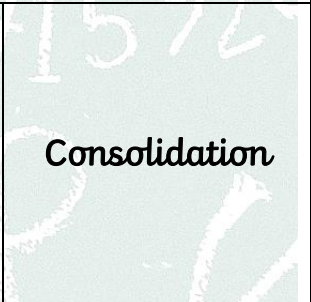


St. Peter's Maths Curriculum Overview



Reception				
Autumn Term	Getting to Know You	Just like me	It's me 1,2 3!	Light and Dark
Spring Term	Alive in 5!	Growing 6,7,8	Building 9 and 10	Consolidation
Summer Term	To 20 and Beyond	First Then Now	Find My Pattern	On the Move

Year 1						
Autumn Term	Place Value (Within 10)		Addition and Subtraction (Within 10)			Shape (Geometry)
	Place Value (Within 20)	Addition and Subtraction (Within 20)		Place Value (Within 50)	Length and Height (Measurement)	Mass and Volume (Measurement)
Spring Term	Multiplication and Division		Fractions	Position and Direction (Geometry)	Place Value	Money (Measurement)
						Time
Summer Term						

Year 2					
Autumn Term	 Place Value		 Addition and Subtraction		 Shape (Geometry)
Spring Term	 Money	 Multiplication and Division		 Length and Height (Measurement)	 Mass, Capacity and Temperature (Measurement)
Summer Term	 Fractions	 Time	 Statistics	 Position and Direction (Geometry)	 Consolidation

Year 3						
Autumn Term	Place Value		Addition and Subtraction		Multiplication and Division	
Spring Term	Multiplication and Division		Length and Perimeter (Measurement)	Fractions	Mass and Capacity (Measurement)	
Summer Term	Fractions	Money	Time (Measurement)	Shape (Geometry)	Statistics	Consolidation

Year 4						
Autumn Term	Place Value		Addition and Subtraction		Area (Measurement)	Multiplication and Division
Spring Term	Multiplication and Division		Length and Perimeter (Measurement)		Fractions	
Summer Term	Decimals	Money	Time (Measurement)		Shape (Geometry)	Statistics
	Position and Direction (Geometry)					

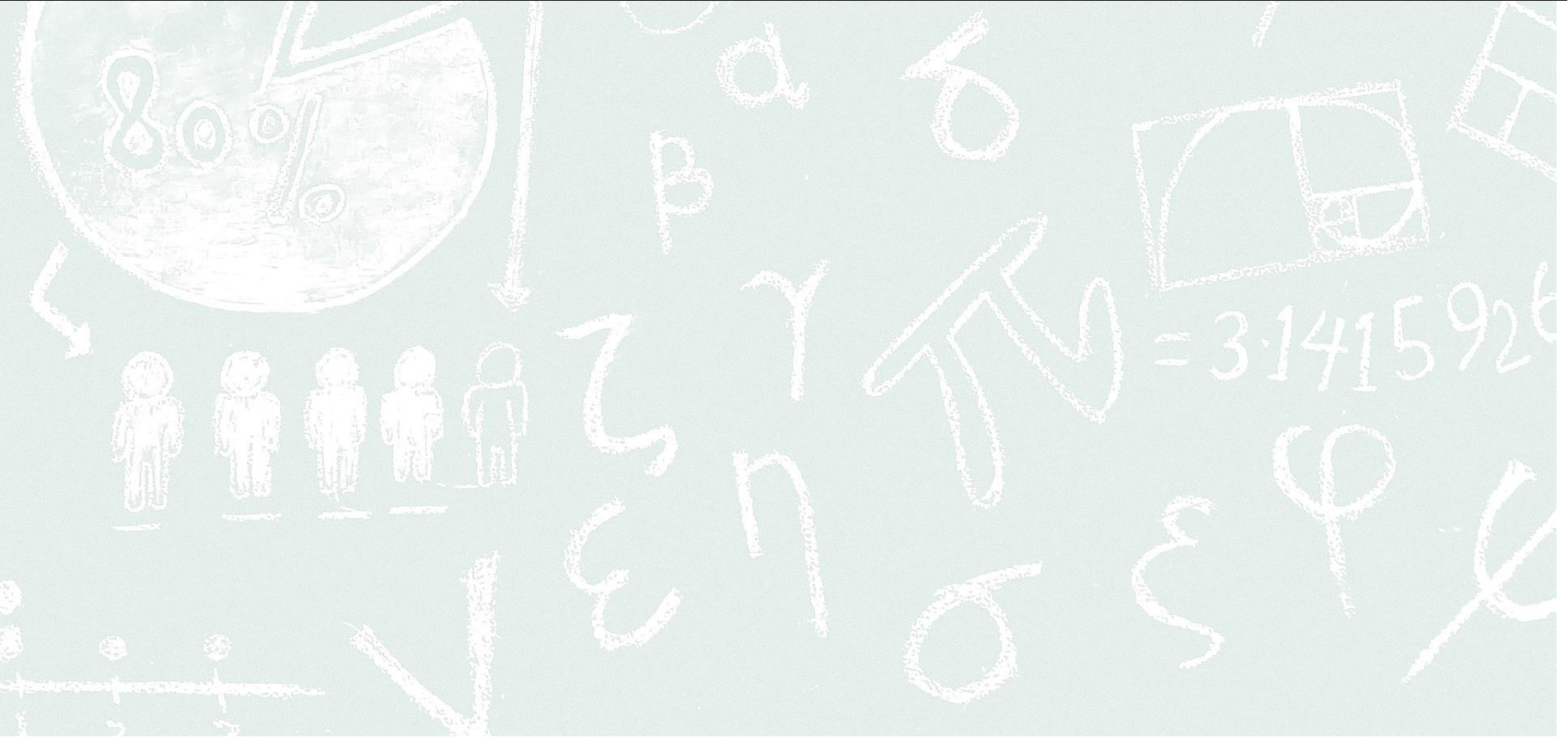
Year 5						
Autumn Term	Place Value	Addition and Subtraction	Multiplication and Division	Fractions		
Spring Term	Multiplication and Division	Fractions	Decimals and Percentages		Perimeter and Area (Measurement)	Statistics
Summer Term	Shape (Geometry)	Position and Direction (Geometry)	Decimals	Negative Numbers	Converting Units (Measurement)	Volume (Measurement)

Year 6						
Autumn Term	Place Value	Four Operations (+, -, x, ÷)		Fractions		Converting Units (Measurement)
Spring Term	Fractions, Decimals and Percentages	Decimals	Ratio	Algebra	Area, Perimeter and Volume (Measurement)	Statistics
Summer Term	Shape (Geometry)	Position and Direction (Geometry)	Themed Project, Consolidation and Problem Solving			

Reception				
Autumn Term	Getting to know you Opportunities for settling in, introducing the areas of provision and getting to know the children Explore key times of the day, class routines. Explore continuous provision inside and out. Where do things belong. Focus on positional language	Just like me 1. Match and sort 2. Compare amounts 3. Compare size, mass and capacity 4. Exploring pattern	It's me 1,2 3! 1. Representing 1, 2 and 3 2. Comparing 1, 2 and 3 3. Composition of 1,2 and 3 4. Circle and Triangles 5. Positional Language	Light and dark 1. Representing numbers to 5 2. One more and less 3. Shapes with 4 sides 4. Time
Spring Term	Alive in 5! 1. Introducing Zero 2. Numbers to 5 3. Composition of 4 and 5 4. Compare Mass 5. Compare Capacity	Growing 6,7,8 1. 6,7 and 8 2. Making pairs 3. Combining 2 groups 4. Length and Height 5. Time	Building 9 and 10 1. 9 and 10 2. Comparing numbers to 10 3. Bonds to 10 4. 3D Shapes 5. Pattern	Consolidation
Summer Term	To 20 and beyond 1. Build numbers to 10 2. Count patterns beyond 10 3. Spatial reasoning 4. Match, rotate, manipulate	First then now 1. Adding more 2. Taking away 3. Spatial Reasoning 4. Compose and Decompose	Find my pattern 1. Doubling 2. Sharing and grouping 3. Even and odd 4. Spatial reasoning 5. Visualise and build	On the move 1. Deepening understanding 2. Patterns and relationships 3. Spatial mapping 4. Mapping

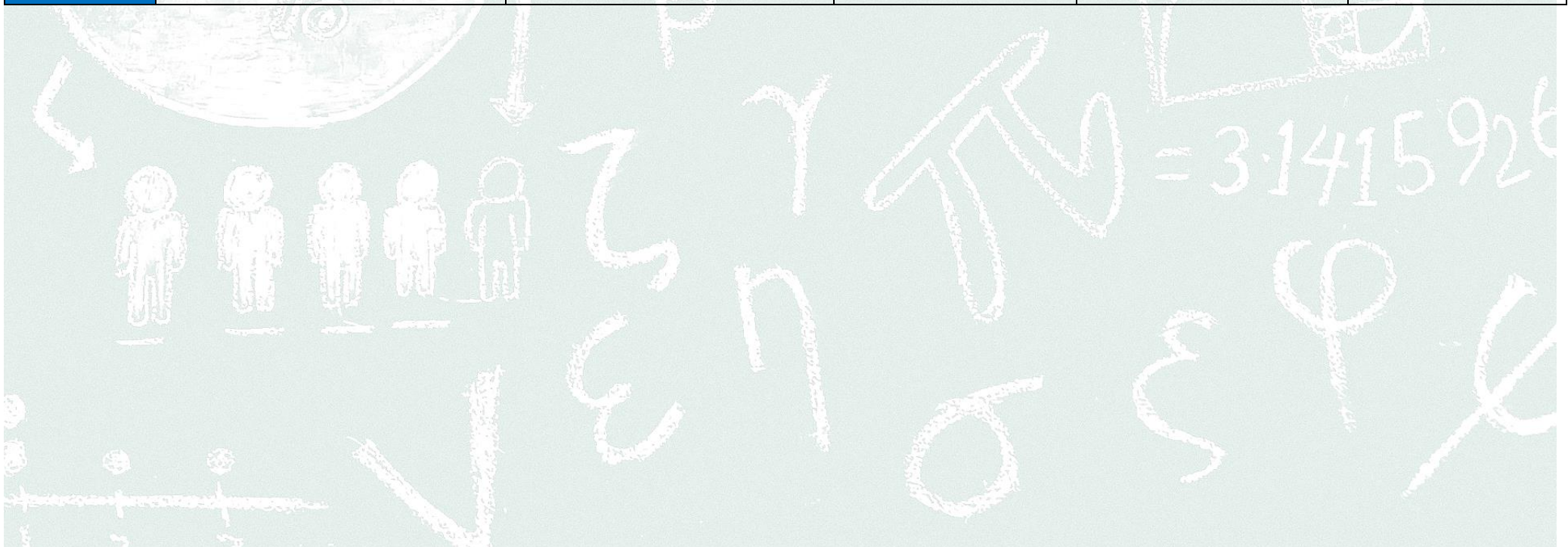
Year 1						
Autumn Term	Place Value (Within 10)			Addition and Subtraction (Within 10)		Shape (Geometry)
	- Sort objects - Count objects - Count objects from a larger group - Represent objects - Recognise numbers as words - Count on from any number 1 more - Count backwards within 10 1 less - Compare groups by matching - Fewer, more same - Less than, greater than equal to - Compare numbers - Order objects and numbers - The number line			- Introduce parts and wholes - Part-whole model - Write number sentences - Fact families – addition facts - Number bonds within 10 - Systematic number bonds within 10 - Number bonds to 10 - Addition – add together - Addition – add more - Addition problems - Find a part - Subtraction – find a part - Fact families – the eight facts - Subtraction – Take away (How many left?) - Subtraction on a number line - Add or subtract 1 or 2		- Recognise and name 3D shapes - Sort 3D shapes - Recognise and name 2D shapes - Sort 2D shapes - Patterns with 2D and 3D Shapes
Spring Term	Place Value (Within 20)		Addition and Subtraction (Within 20)	Place Value (Within 50)	Length and Height (Measurement)	Mass and Volume (Measurement)
	- Count within 10 - Understand 10 - Understand 11, 12 and 13 - Understand 14, 15 and 16 - Understand 17, 18, 19 - Understand 20 1 more and 1 less - The number line to 20 - Use a number line to 20 - Estimate on a number line to 20 - Compare numbers to 20 - Order numbers to 20		- Add by counting on with 20 - Add ones using number bonds - Find and make number bonds to 20 - Doubles - Near doubles - Subtract ones using number bonds - Subtraction – counting back - Subtraction – finding the difference - Related facts - Missing number problems	- Count from 20 to 50 20, 30, 40, 50 - Count by making groups of tens - Groups of tens and ones - Partition - Into tens and ones - The number line to 50 - Estimate on a number line to 50 1 more, 1 less	- Compare lengths and heights - Measure lengths using objects - Measure lengths in centimetres	- Heavier and lighter - Measure mass - Compare mass - Full and empty - Compare volume - Measure capacity - Compare capacity
Summer Term	Multiplication and Division	Fractions	Position and Direction (Geometry)	Place Value (Within 100)	Money (Measurement)	Time
	- Count in 2s - Count in 10s - Count in 5s - Recognise equal groups - Add equal groups - Make arrays - Make doubles - Make equal groups – grouping	- Recognise a half of an object or shape - Find half an object or a shape - Recognise a half of a quantity - Recognise a quarter of an object or a shape - Find a quarter of an object or a shape - Recognise a quarter of a quantity	- Describe turns - Describe position – left and right - Describe position – forwards	- Count from 50 to 100 - Tens to 100 - Partition into tens and ones - The number line to 100 1 more, 1 less - Compare numbers with the same amount of tens - Compare any two numbers	- Unitising - Recognise coins - Recognise notes - Count in coins	- Before and After - Days of the week - Months of the year - Hours, minutes and seconds - Tell the time to the hour - Tell the time to the half hour

	9. Make equal groups - sharing	7. Find a quarter of a quantity	and backwards.			
			4. Describe position - above and below 5. Ordinal Numbers			



Year 2					
Autumn Term	Place Value		Addition and Subtraction		Shape (Geometry)
	- Numbers to 20 - Count objects to 100 by making 10s - Recognise tens and ones - Use a place value chart - Partition numbers to 100 - Write numbers to 100 in words - Flexibly partition to 100 - Write numbers to 100 in expanded form 10s on the number line to 100 10s and 1s on the number line to 100 - Estimate numbers on a number line - Compare objects - Compare numbers - Order objects and numbers - Count in 2s,5s and 10s - Count in 3s		- Bonds to 10 - Facts families – addition and subtraction bonds within 20 - Related facts - Bonds to 100 (tens) - Add and subtract 1s - Add by making 10 - Add three 1-digit numbers - Add to the next 10 - Add across 10 - Subtract across 10 - Subtract from 10 - Subtract a 1-digit number from a 2 digit number (across 10) 10 more, 10 less - Add and subtract 10s - Add two 2 digit numbers (not across 10) - Add two 2 digit numbers (across a 10) - Subtract two 2 digit numbers (not across 10) - Subtract two 2 digit numbers (across a 10) - Mixed addition and subtraction - Compare number sentences		- Recognise 2D and 3D shapes - Count sides on 2D shapes - Count vertices on 2D shapes - Draw 2D shapes - Line of symmetry on shapes - Use lines of symmetry to complete shapes - Sort 2D shapes - Count faces on 3D shapes - Count edges on 3D shapes - Count vertices on 3D shapes - Make patterns with 2D and 3D shapes
Spring Term	Money		Multiplication and Division		Length and Height
	- Count money – pence - Count money pounds - Count money pounds and pence - Choose notes and coins - Make the same amount - Compare amounts of money - Calculate with money - Make a pound - Find change - Two-steps problems	- Recognise equal groups - Make equal groups - Add equal groups - Introduce the multiplication symbol - Multiplication sentences - Use arrays - Make equal groups – grouping - Make equal groups – sharing - The 2 times-tables - Divide by 2 - Doubling and halving - Odd and even numbers - The 10 times-table - Divide by 10 - The 5 times-table - Divide by 5 - The 5 and 10 times-tables		- Measure in centimetres - Measure in metres - Compare lengths and heights - 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 - Compare volume and capacity - Measure in millilitres - Measure in litres - Four operations with volume and capacity - Temperature	

Summer Term	Fractions	Time	Statistics	Position and Direction (Geometry)	Consolidation
	1. Introduction to parts and whole 2. Equal and unequal parts 3. Recognise a half 4. Find a half 5. Recognise a quarter 6. Find a quarter 7. Recognise a third 8. Find a third 9. Find the whole 10. Unit fractions 11. Non-unit fractions 12. Recognise the equivalence of a half and two quarters 13. Recognise three-quarters 14. Find three-quarters 15. Count in fractions up to a whole	1. O'clock and half past 2. Quarter past and quarter to 3. Tell time past the hour 4. Tell time to the hour 5. Tell the time to 5 minutes 6. Minutes in an hour 7. Hours in a day	1. Make tally charts 2. Tables 3. Block diagrams 4. Draw pictograms (1-1) 5. Interpret (1-1) 6. pictograms (1-1) 7. Draw pictograms 8. Interpret (2,5,10)	1. Language of position 2. Describe movement 3. Describe turns 4. Describe movements and turns 5. Shape patterns with turns	

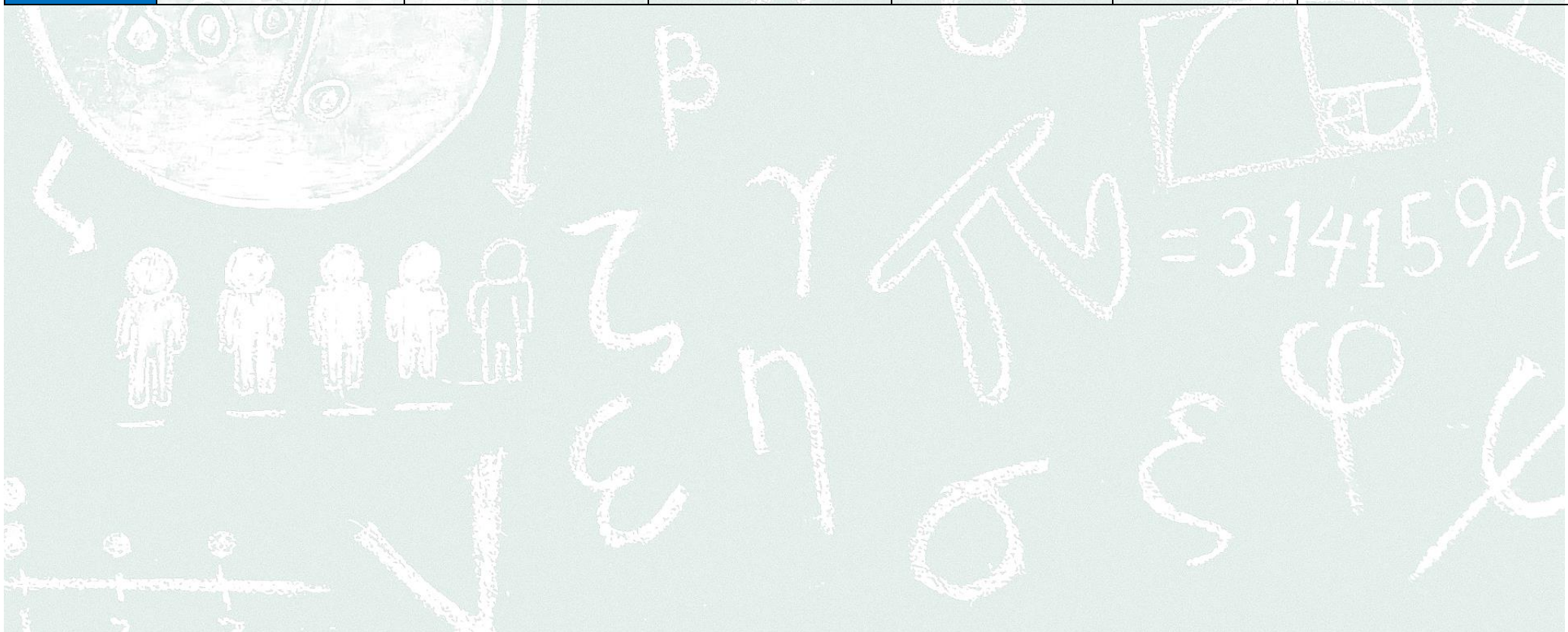


Year 3				
Autumn Term	Place Value	Addition and Subtraction		Multiplication and Division
	1. Represent numbers to 100 2. Partition numbers to 100 3. Number line to 100 4. Hundreds 5. Represent numbers to 1000 6. Partition numbers to 1000 7. Hundreds, tens and ones 8. Find 1, 10 or 100 more or less 9. Number line to 1000 10. Estimate on a number line 11. Compare numbers to 1000 12. Order numbers to 1000 13. Count in 50s	1. Apply number bonds within 10 2. Add and subtract 1s 3. Add and subtract 10s 4. Add and subtract 100s 5. Spot the pattern 6. Add 1s across a 10 7. Add 10s across a 100 8. Subtract 1s across a 10 9. Subtract 10s across a 100 10. Make connections 11. Add two numbers (no exchange) 12. Add two numbers (across a 10) 13. Add two numbers (across a 100) 14. Subtract two numbers (across a 10) 15. Subtract two numbers (across a 100) 16. Add 2 digit and 3 digit numbers 17. Complements to 100 18. Estimate answers 19. Inverse operations 20. Make decisions		1. Multiplication – equal groups 2. Use arrays 3. Multiples of 2 4. Multiples of 5 and 10 5. Sharing and grouping 6. Multiply by 3 7. Divide by 3 8. The 3 times-table 9. Multiply by 4 10. Divide by 4 11. The 4 times-tables 12. Multiply by 8 13. Divide by 8 14. The 8 times-tables 15. The 2, 4 and 8 times-tables
Spring Term	Multiplication and Division	Length and Perimeter (Measurement)	Fractions	Mass and Capacity (Measurement)
	1. Multiples of 10 2. Related calculations 3. Reasoning about multiplication 4. Multiply a 2 digit by a 1 digit number – no exchange 5. Multiply a 2 digit by a 1 digit number – with exchange 6. Link multiplication and division 7. Divide a 2 digit by a 1 digit number – no exchange 8. Divide a 2 digit by a 1 digit number – flexible partitioning 9. Divide a 2 digit by a 1 digit number – with remainders 10. Scaling 11. How many ways?	1. Measure in metres and centimetres 2. Measure in millimetres 3. Measure in centimetres and millimetres 4. Metres, centimetres and millimetres 5. Equivalent lengths (metres and centimetres) 6. Equivalent lengths (millimetres and centimetres) 7. Compare lengths 8. Add lengths 9. Subtract lengths 10. What is perimeter? 11. Measure perimeter 12. Calculate perimeter	1. Understand the denominators of unit fractions 2. Compare and order unit fractions 3. Understand the numerators of non-unit fractions 4. Understand the whole 5. Compare and order non-unit fractions 6. Fractions and scales 7. Fractions on a number line 8. Count in fractions on a number line 9. Equivalent fractions on a number line 10. Equivalent fractions as a bar models	1. Use scales 2. Measure mass in grams 3. Measure mass in kilograms and grams 4. Equivalent masses (kilograms and grams) 5. Compare mass 6. Add and subtract mass 7. Measure capacity and volume in millilitres 8. Measure capacity and volume in litres and millilitres 9. Equivalent capacities and volumes (litres and millilitres) 10. Compare capacity and volume 11. Add and subtract capacity and volume

Summer Term	Fractions	Money	Time (Measurement)	Shape (Geometry)	Statistics	Consolidation
	1. Add fractions 2. Subtract fractions 3. Partition the whole 4. Unit fractions of a set of objects 5. Non-unit fractions of a set of objects 6. Reasoning with fractions of an amount	1. Pounds and pence 2. Convert pounds and pence 3. Add money 4. Subtract money 5. Find change	1. Roman numerals to 12 2. Tell the time to 5 minutes 3. Tell the time to the minute 4. Read time on a digital clock 5. Use am and pm 6. Years, months and days 7. Days and hours 8. Hours and minutes – use start and end times 9. Hours and minutes – use durations 10. Minutes and seconds 11. Units of time 12. Solve problems with time	1. Turns and angles 2. Right angles 3. Compare angles 4. Measure and draw accurately 5. Horizontal and vertical 6. Parallel and perpendicular 7. Recognise and describe 2D shapes 8. Draw polygons 9. Recognise and describe 3D shapes 10. Make 3D shapes	1. Interpret pictograms 2. Draw pictograms 3. Interpret bar charts 4. Draw bar charts 5. Collect and represent data 6. Two-way tables	

Year 4							
Autumn Term	Place Value		Addition and Subtraction		Area (Measurement)	Multiplication and Division	Consolidation
	- Represent numbers to 1000 - Partition numbers to 1000 - Number line to 10000 - Thousands - Represent numbers to 10,000 - Partition numbers to 10,000 - Flexible partitioning of numbers to 10,000 - Find 1, 10, 100, 1000 more or less - Number line to 10,000 - Estimate on a number line to 10,000 - Compare numbers to 10,000 - Order numbers to 10,000 - Roman numerals - Round to the nearest 10 - Round to the nearest 100 - Round to the nearest 1000 - Round to the nearest 10, 100 or 1000		- Add and subtract 1s, 10s, 100s and 1000s - Add up to two 4 digit numbers – no exchange - Add up to two 4 digit numbers – one exchange - Add up to two 4 digit 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 - Estimate answers - Checking strategies		- What is area? - Count squares - Make shapes - Compare areas	- 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 - The 3,6 and 9 times-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 1 and 0 - Divide a number by 1 and itself - Multiply three numbers	
Spring Term	Multiplication and Division		Length and Perimeter (Measurement)		Fractions		Decimals
	- Factor pairs - Use factor pairs - Multiply by 10 - Multiply by 100 - Divide by 10 - Divide by 100 - Related facts – multiplication and division - Informal written methods for multiplication - Multiply a 2 digit number by a 1 digit number - Multiply a 3 digit number by a 1 digit number - Divide a 2 digit number by a 1 digit number (1) - Divide a 2 digit number by a 1 digit number (2) - Divide a 3 digit number by a 1 digit number - Correspondence problems - Efficient multiplication		- Measure in kilometres and metres - Equivalent lengths (kilometres and metres) - Perimeter on a grid - Perimeter on a rectangle - Perimeter of rectilinear shapes - Find missing lengths in rectilinear shapes - Calculate the perimeter of rectilinear shapes - Perimeter of regular polygons - Perimeter of polygons		- Understand the whole - Count beyond 1 - Partition a mixed number - Number lines with mixed numbers - Compare and order mixed numbers - Understand improper fractions - Convert mixed numbers to improper fractions - Convert improper fractions to mixed numbers - Equivalent fractions on a number line - Equivalent fraction families - Add two or more fractions - Add fractions and mixed numbers - Subtract two fractions - Subtract from whole amounts - Subtract from mixed numbers		- Tenths as fractions - Tenths as decimals - Tenths on a place value chart - Tenths on a number line - Divide a 1 digit number by 10 - 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

Summer Term	Decimals	Money	Time	Shape	Statistics	Position and Direction (Geometry)
	1. Make a whole with tenths 2. Make a whole with hundredths 3. Partition decimals 4. Flexibly partition decimals 5. Compare decimals 6. Order decimals 7. Round to the nearest whole number 8. Halves and quarters as decimals	1. Write money using decimals 2. Convert between pounds and pence 3. Compare amounts of money 4. Estimate with money 5. Calculate with money 6. Solve problems with money	1. Years, months weeks and days 2. Hours, minutes and seconds 3. Convert between analogue and digital times 4. Convert to the 24 hour clock 5. Convert from the 24 hour clock	1. Understand angles as turns 2. Identify angles 3. Compare and order angles 4. Triangles 5. Quadrilaterals 6. Polygons 7. Line of Symmetry 8. Complete a symmetric figure	1. Interpret charts 2. Comparison, sum and difference 3. Interpret line graphs 4. Draw line graphs	1. Describe position using coordinates 2. Plot coordinates 3. Draw 2D shapes on a grid 4. Translate on a grid 5. Describe translation on a grid



Year 5					
Autumn Term	Place Value	Addition and Subtraction	Multiplication and Division	Fractions	
	- Roman numerals to 1000 - Numbers to 10,000 - Numbers to 100,000 - Numbers to 1,000,000 - Read and write numbers to 1,000,000 - Powers of 10 10,100, 1000, 10000, 100000 more or less - Partition numbers to 1,000,000 - Number line to 1,000,000 - Compare and order numbers to 100,000 - Compare and order numbers to 1,000,000 - Round to the nearest 10, 100 or 1000 - Round within 100,000 - Round within 1,000,000	- Mental strategies - Add whole numbers with more than four digits - Subtract whole numbers with more than four digits - Round to check answers - Inverse operations (addition and subtraction) - Multi-step addition and subtraction problems - Compare calculations - Find missing numbers	- Multiples - Common multiples - Factors - Common factors - Prime numbers - Square numbers - Cube numbers - Multiply by 10, 100 and 1000 - Divide by 10, 100 and 1000 - Multiples of 10, 100 and 1000	- Find fractions equivalent to a unit fraction - Find fractions equivalent to a non-unit fraction - 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 total greater than 1 - Add to a mixed number - Add two mixed numbers - Subtract fractions - Subtract from a mixed number - Subtract from a mixed number – breaking the whole - Subtract two mixed numbers	
Spring Term	Multiplication and Division	Fractions	Decimals and Percentages	Perimeter and Area (Measurement)	Statistics
	- Multiply up to a 4 digit number by a 1 digit number - Multiply a 2 digit number by a 2 digit number (area model) - 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 - Solve problems with multiplication - Short division - Divide a 4 digit number by a 1 digit number - Divide with remainders - Efficient division	- 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 - Fraction of an amount - Find the whole - Use fractions as operators	- Decimals up to 2 decimal places - Equivalent fractions and decimals (tenths) - Equivalent fractions and decimals (hundredths) - Thousandths as fractions - Thousandths as decimals - Thousands on a place value grid - Order and compare decimals (same number of dp) - Order and compare decimals up to 3.d.p - 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 of rectangles - Perimeter of rectilinear shapes - Perimeter of polygons - Area of rectangles - Area of compound shapes - Estimate area	- Draw line graphs - Read and interpret line graphs - Read and interpret tables - Two-way tables - Read and interpret timetables

	11. Solve problems with multiplication and division					
Summer Term	Shape (Geometry)	Position and Direction (Geometry)	Decimals	Negative Numbers	Converting Units (Measurement)	Volume (Measurement)
	- Understand and use degrees - Classify angles - Estimate angles - Measure angles up to 180 - Draw lines and angles accurately - Calculate angles around a point - Calculate angles on a straight line - Lengths and angles in shapes - Regular and irregular polygons 3-D shapes	- Read and plot coordinates - Problem solving with coordinates - Translation - Translation with coordinates - Lines of symmetry - Reflection in horizontal and vertical lines	- Use known facts to add and subtract decimals within 1 - Complements to 1 - Add and subtract across 1 - Add decimals with same number or decimal places - Subtract decimals with the same number of decimal places - Add decimals with different numbers of decimal places - Efficient strategies for adding and subtracting decimals - Decimal sequences - Multiply by 10, 100 and 1,000 - Divide by 10, 100 and 1,000 - Multiply and divide decimals – missing values	- Understand negative numbers - Count in zeros through 1 - Count through zero in multiples - Compare and order negative numbers - Find the difference	- Kilograms and kilometres - Millimetres and millilitres - Convert units of length - Convert between metric and imperial units - Calculate with timetables	- Cubic centimetres - Compare volume - Estimate volume - Estimate capacity

Year 6					
Autumn Term	Place Value	Four Operations (+, -, x, ÷)		Fractions	Converting Units (Measurement)
	- Numbers to 1,000,000 - Number to 10,000,000 - Read and write numbers to 10,000,000 - Powers of 10 - Number line to 10,000,000 - Compare and order any integers - Round any integer - Negative numbers	- Add and subtract integers - Common factors - Common multiples - Rules of divisibility - Primes to 100 - Square and cube numbers - Multiply up to a 4-digit number by a 2 digit number - Solve problems with multiplication - Short division - Division with factors - Introduction to long division - Long division with remainders - Solve problems with division - Solve multi-step problems - Order of operations - Mental calculations and estimations - Reason from known facts		- Equivalent fractions and multiplying - Equivalent fractions on a number line - Compare and order (denominator) - Compare and order (numerator) - Add and subtract simple fractions - Add and subtract any two fractions - Add mixed numbers - Subtract mixed numbers - Multi-step problems - Multiply fractions by integers - Multiply fractions by fractions - Divide a fraction by an integer - Divide any fraction by an integer - Mixed questions with fractions - Fraction of an amount - Fraction of an amount – find the whole	- Metric measures - Convert metric measures - Calculate with metric measures - Miles and kilometres - Imperial measures
Spring Term	Decimals	Fractions, Decimals and Percentages	Ratio	Algebra	Area, Perimeter and Volume (Measurement)
	- Place value within 1 - Place value – integers and decimals - Round decimals - Add and subtract decimals - Multiply by 10, 100 and 1,000 - Divide by 10, 100 and 1,000 - Multiply decimals by integers - Divide decimals by integers - Multiply and divide decimals in context	- Fraction and decimal equivalents - Fractions as division - Understand percentages - Fractions to percentages - Equivalent fractions, decimals and percentages - Order fractions, decimals and percentages - Percentage of an amount – one step - Percentage of an amount – multi-step	- Add of multiply? - Use ratio language - Introduction to the ratio symbol - Ratio and fractions - Scale drawing - Use scale factors - Similar shapes - Ratio problems - Proportion problems - Recipes	1-step function machines 2-step function machines - Form expressions - Substitution - Formulae - Form equations - Solve 1-step equations - Solve 2-step equations - Find pairs of values - Solve problems with two unknowns	- Shapes – same area - Area and perimeter - Area of a triangle – counting squares - Area of a right-angled triangle - 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					

		Percentages – missing values				
Summer Term	Shape (Geometry) 1. Measure and classify angles 2. Calculate angles 3. Vertically opposite angles 4. Angles in a triangle 5. Angles in a triangle – special cases 6. Angles in a triangle – missing angles 7. Angles in quadrilaterals 8. Angles in polygons 9. Circles 10. Draw shapes accurately 11. Nets of 3-D shapes	Position and Direction (Geometry) 1. The first quadrant 2. Read and plot points in four quadrants 3. Solve problems with coordinates 4. Translations 5. Reflections	Themed Project, Consolidation and Problem Solving Bakery 1. Best Value 2. Profit and loss 3. Packaging 4. Cooking problems Travel and Tours 1. Climate 2. Distance conversion graph 3. Conversion 4. Airport 5. Accommodation 6. Budget 7. Time Problems Future Finances 1. Annual Salary 2. Hourly rates 3. Bills 4. Mortgage 5. House			