National Curriculum Year 4	Ready to Progress	White Rose Workbook & Step	Curriculum Prioriti
Number & Place Value			
Counting			
Count backwards through 0 to include negative numbers		Autumn 1 - Place Value	
Represent			
Identify, represent and estimate numbers using different representations		Autumn 1 - Place Value 1 Represent numbers to 1,000 2 Partition numbers to 1,000 3 Number line to 1,000	
Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of 0 and place value		Autumn 1 - Place Value 13 Roman numerals	
Use Place Value & Compare			
Find 1,000 more or less than a given number		Autumn 1 - Place Value	UNIT 2 Numbers to 10000
Recognise the place value of each digit in a four-digit number (1,000s, 100s, 10s and 1s)	4NPV-1 Know that 10 hundreds are equivalent to 1 thousand, and that 1,000 is 10 times the size of 100; apply this to identify and work out how many 100s there are in other four-digit multiples of 100	Autumn 1 - Place Value 4 – Thousands Spring 2 – Multiplication & division B 3 Multiply by 10 4 Multiply by 100 5 Divide by 10 6 Divide by 100	UNIT 2 Numbers to 10000
Order and compare numbers beyond 1,000	 4NPV-2 Recognise the place value of each digit in four-digit numbers, and compose and decompose four-digit numbers using standard and non-standard partitioning 4NPV-3 Reason about the location of any four-digit number in the linear number system, including identifying the previous and next multiple of 1,000 and 100, and rounding to the nearest of each 	Autumn 1 - Place Value5 Represent numbers to 10,0006 Partition numbers to 10,0007 Flexible partitioning of numbers to 10,000Autumn 1 - Place Value8 Find 1, 10, 100, 1,000 more or less9-1011 Compare numbers to 10,00012 Order numbers to 10,000	
		14-17	
Problems & Rounding			
Round any number to the nearest 10, 100 or 1,000		Autumn 1 - Place Value 14 Round to the nearest 10 15 Round to the nearest 100 16 Round to the nearest 1,000 17 Round to the nearest 10, 100 or 1,000	
Solve number and practical problems that involve all of the above and with increasingly large positive numbers	4NPV-4 Divide 1,000 into 2, 4, 5 and 10 equal parts, and read scales/number lines marked in multiples of 1,000 with 2, 4, 5 and 10 equal parts.	Autumn 1 - Place Value 9 Number line to 10,000 10 Estimate on a number line to 10,000	
Addition and subtraction			
Recall, Represent, Use Estimate and use inverse operations to check answers to a calculation			
Calculations			
Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate	3AS–2 Add and subtract up to three-digit numbers using columnar methods.	Autumn 2 - Addition and subtraction 1 Add and subtract 1s, 10s, 100s and 1,000s 2 Add up to two 4-digit numbers – no exchange	UNIT 1 Review of column and subtraction

tisation	NCETM Spine		
00			
00	1.22 Composition & calculation: 1000 and four-digit numbers		
	1 33 Composition 9 relation		
	1.22 Composition & calculation: 1000 and four-digit numbers		
n addition	1.20 Algorithms: column addition 1.21 Algorithms: column subtraction		

		 3 Add two 4-digit numbers – one exchange 4 Add two 4-digit numbers – more than one exchange 5 Subtract two 4-digit numbers – no exchange 6 Subtract two 4-digit numbers – one exchange 7 Subtract two 4-digit numbers – more than one exchange 	
Solve problems			
Solve addition and subtraction two-step problems in		Autumn 2 - Addition and subtraction	
contexts, deciding which operations and methods to		8 Efficient subtraction	
use and why.			
Multiply and divide			
Recall, Represent, Use			
Recall multiplication and division facts for multiplication tables up to 12 × 12	4NF-1 Recall multiplication and division facts up to 12×12, and recognise products in multiplication tables as multiples of the corresponding number	Autumn 4 Multiplication and division A1 Multiples of 32 Multiply and divide by 63 6 times-table and division facts4 Multiply and divide by 95 9 times-table and division facts6 The 3, 6 and 9 times-tables7 Multiply and divide by 78 7 times-table and division facts9 11 times-table and division facts10 12 times-table and division facts	UNIT 4 The 3 6 9 x tables UNIT 5 The 7 x table
Use place value, known and derived facts to multiply and divide mentally, including multiplying by 0 and 1; dividing by 1; multiplying together 3 numbers	4MD-1 Multiply and divide whole numbers by 10 and 100 (keeping to whole number quotients); understand this as equivalent to making a number 10 or 100 times the size.	Autumn 4 Multiplication and division A 11 Multiply by 1 and 0 12 Divide a number by 1 and itself Spring 1 Multiplication and division B 3 Multiply by 10 4 Multiply by 100 5 Divide by 100 6 Divide by 100	UNIT 6 Multiplicative relationships
Recognise and use factor pairs and commutativity in	4MD-2 Manipulate multiplication and division	Autumn 4 Multiplication and division A	
mental calculations	equations, and understand and apply the commutative property of multiplication 4MD-3 Understand and apply the distributive property of multiplication	 13 Multiply three numbers Spring 1 Multiplication and division B 1 Factor pairs 2 Use factor pairs 	
Count in multiples of 6, 7, 9, 25 and 1,000		Autumn 4 Multiplication and division A	
Calculations			
Multiply two-digit and three-digit numbers by a one- digit number using formal written layout	4NF-3 Apply place-value knowledge to known additive and multiplicative number facts (scaling facts by 100)	Spring 1 Multiplication and division B7 Related facts – multiplication and division8 Informal written methods for multiplication9 Multiply a 2-digit number by a 1-digitnumber10 Multiply a 3-digit number by a 1-digitnumber	
vedale CE Primary School & Nursery 2023	4NF-2 Solve division problems, with two-digit dividends and one-digit divisors, that involve remainders	Spring 1 Multiplication and division B11 Divide a 2-digit number by a 1-digit number(1)12 Divide a 2-digit number by a 1-digit number(2)	UNIT 12 Division with ren

	1.22 Composition & calculation: 1000 and four-digit numbers
15	 2:8 3, 6 and 9x table and the relationship between them 2.9 7x table and patterns within/across times tables
	2:10 Connecting multiplication and division & the distributive law2:13 Calculation: multiplying & dividing by 10 or 100
	2:14 Multiplication: partitioning leading to short multiplication
emainders	2:12 Division with remainders

		13 Divide a 3-digit number by a 1-digit number		
Solve problems				
Solve problems involving multiplying and adding,		Spring 1 Multiplication and division B		
including using the distributive law to multiply two-digit		14 Correspondence problems		
numbers by 1 digit, integer scaling problems and harder		15 Efficient multiplication		
correspondence problems such as n objects are				
connected to m objects.				
Fractions Decimals Percentages				
Recognising and Write				
Count up and down in hundredths ; recognise that		Spring 4 - Decimals A	UNIT 9 Fractions greater than 1	
hundredths arise when dividing an object by a 100 and		7-10		
dividing tenths by 10.		Summer 1 Decimals B		
Comparing fractions				
Recognise and show, using diagrams, families of	3F-1 Interpret and write proper fractions to	Spring 3 Fractions	UNIT 8 Fractions	3:1 Preparing for fractions: the
common equivalent fractions	represent 1 or several parts of a whole that is	1 Understand the whole		part-whole model
	divided into equal parts	2 Count beyond 1		
		9 Equivalent fractions on a number line		
		10 Equivalent fraction families		
	4F-1 Reason about the location of mixed	3 Partition a mixed number		
	numbers in the linear number system.	4 Number lines with mixed numbers		
		5 Compare and order mixed numbers		
		6 Understand improper fractions		
	4F-2 Convert mixed numbers to improper	7 Convert mixed numbers to improper fractions		
	fractions and vice versa.	8 Convert improper fractions to mixed numbers		
Eractions: calculations				
Fractions: calculations			LINIT 9 Fractions greater than 1	3:5 Working across one whole:
Fractions: calculations Add and subtract fractions with the same denominator	4F-3 Add and subtract improper and mixed	Spring 3 Fractions 11 Add two or more fractions	UNIT 9 Fractions greater than 1	3:5 Working across one whole:
	4F-3 Add and subtract improper and mixed fractions with the same denominator, including		UNIT 9 Fractions greater than 1	improper fractions and mixed
	4F-3 Add and subtract improper and mixed	Spring 3 Fractions 11 Add two or more fractions 12 Add fractions and mixed numbers	UNIT 9 Fractions greater than 1	-
	4F-3 Add and subtract improper and mixed fractions with the same denominator, including	Spring 3 Fractions 11 Add two or more fractions 12 Add fractions and mixed numbers 13 Subtract two fractions	UNIT 9 Fractions greater than 1	improper fractions and mixed
	4F-3 Add and subtract improper and mixed fractions with the same denominator, including	Spring 3 Fractions 11 Add two or more fractions 12 Add fractions and mixed numbers 13 Subtract two fractions 14 Subtract from whole amounts	UNIT 9 Fractions greater than 1	improper fractions and mixed
Add and subtract fractions with the same denominator	4F-3 Add and subtract improper and mixed fractions with the same denominator, including	Spring 3 Fractions 11 Add two or more fractions 12 Add fractions and mixed numbers 13 Subtract two fractions 14 Subtract from whole amounts	UNIT 9 Fractions greater than 1	improper fractions and mixed
Add and subtract fractions with the same denominator Fractions: Solve Problems	4F-3 Add and subtract improper and mixed fractions with the same denominator, including	Spring 3 Fractions 11 Add two or more fractions 12 Add fractions and mixed numbers 13 Subtract two fractions 14 Subtract from whole amounts 15 Subtract from mixed numbers	UNIT 9 Fractions greater than 1	improper fractions and mixed
Add and subtract fractions with the same denominator Fractions: Solve Problems Solve problems involving increasingly harder fractions	4F-3 Add and subtract improper and mixed fractions with the same denominator, including	Spring 3 Fractions 11 Add two or more fractions 12 Add fractions and mixed numbers 13 Subtract two fractions 14 Subtract from whole amounts 15 Subtract from mixed numbers	UNIT 9 Fractions greater than 1	improper fractions and mixed
Add and subtract fractions with the same denominator Fractions: Solve Problems Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide	4F-3 Add and subtract improper and mixed fractions with the same denominator, including	Spring 3 Fractions 11 Add two or more fractions 12 Add fractions and mixed numbers 13 Subtract two fractions 14 Subtract from whole amounts 15 Subtract from mixed numbers	UNIT 9 Fractions greater than 1	improper fractions and mixed
Add and subtract fractions with the same denominator Fractions: Solve Problems Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number	4F-3 Add and subtract improper and mixed fractions with the same denominator, including	Spring 3 Fractions 11 Add two or more fractions 12 Add fractions and mixed numbers 13 Subtract two fractions 14 Subtract from whole amounts 15 Subtract from mixed numbers	UNIT 9 Fractions greater than 1	improper fractions and mixed
Add and subtract fractions with the same denominator Fractions: Solve Problems Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number Decimals: Recognise and Write	4F-3 Add and subtract improper and mixed fractions with the same denominator, including	Spring 3 Fractions 11 Add two or more fractions 12 Add fractions and mixed numbers 13 Subtract two fractions 14 Subtract from whole amounts 15 Subtract from mixed numbers	UNIT 9 Fractions greater than 1	improper fractions and mixed
Add and subtract fractions with the same denominator Fractions: Solve Problems Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number	4F-3 Add and subtract improper and mixed fractions with the same denominator, including	Spring 3 Fractions 11 Add two or more fractions 12 Add fractions and mixed numbers 13 Subtract two fractions 14 Subtract from whole amounts 15 Subtract from mixed numbers	UNIT 9 Fractions greater than 1	improper fractions and mixed
Add and subtract fractions with the same denominator Fractions: Solve Problems Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number Decimals: Recognise and Write	4F-3 Add and subtract improper and mixed fractions with the same denominator, including	Spring 3 Fractions 11 Add two or more fractions 12 Add fractions and mixed numbers 13 Subtract two fractions 14 Subtract from whole amounts 15 Subtract from mixed numbers	UNIT 9 Fractions greater than 1	improper fractions and mixed
Add and subtract fractions with the same denominator Fractions: Solve Problems Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number Decimals: Recognise and Write Recognise and write decimal equivalents to ¼; ½; ¾	4F-3 Add and subtract improper and mixed fractions with the same denominator, including	Spring 3 Fractions 11 Add two or more fractions 12 Add fractions and mixed numbers 13 Subtract two fractions 14 Subtract from whole amounts 15 Subtract from mixed numbers Spring 3 Fractions	UNIT 9 Fractions greater than 1	improper fractions and mixed
Add and subtract fractions with the same denominator Fractions: Solve Problems Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number Decimals: Recognise and Write Recognise and write decimal equivalents to ¼; ½; ¾ Recognise and write decimal equivalents of any	4F-3 Add and subtract improper and mixed fractions with the same denominator, including	Spring 3 Fractions 11 Add two or more fractions 12 Add fractions and mixed numbers 13 Subtract two fractions 14 Subtract from whole amounts 15 Subtract from mixed numbers Spring 3 Fractions	UNIT 9 Fractions greater than 1	improper fractions and mixed
Add and subtract fractions with the same denominator Fractions: Solve Problems Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number Decimals: Recognise and Write Recognise and write decimal equivalents to ¼; ½; ¾	4F-3 Add and subtract improper and mixed fractions with the same denominator, including	Spring 3 Fractions 11 Add two or more fractions 12 Add fractions and mixed numbers 13 Subtract two fractions 14 Subtract from whole amounts 15 Subtract from mixed numbers Spring 3 Fractions Spring 4 - Decimals A 1 Tenths as fractions	UNIT 9 Fractions greater than 1	improper fractions and mixed
Add and subtract fractions with the same denominator Fractions: Solve Problems Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number Decimals: Recognise and Write Recognise and write decimal equivalents to ¼; ½; ¾ Recognise and write decimal equivalents of any	4F-3 Add and subtract improper and mixed fractions with the same denominator, including	Spring 3 Fractions 11 Add two or more fractions 12 Add fractions and mixed numbers 13 Subtract two fractions 14 Subtract from whole amounts 15 Subtract from mixed numbers Spring 3 Fractions Spring 4 - Decimals A 1 Tenths as fractions 2 Tenths as decimals	UNIT 9 Fractions greater than 1	improper fractions and mixed
Add and subtract fractions with the same denominator Fractions: Solve Problems Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number Decimals: Recognise and Write Recognise and write decimal equivalents to ¼; ½; ¾ Recognise and write decimal equivalents of any	4F-3 Add and subtract improper and mixed fractions with the same denominator, including	Spring 3 Fractions 11 Add two or more fractions 12 Add fractions and mixed numbers 13 Subtract two fractions 14 Subtract from whole amounts 15 Subtract from mixed numbers Spring 3 Fractions Spring 4 - Decimals A 1 Tenths as fractions	UNIT 9 Fractions greater than 1	improper fractions and mixed
Add and subtract fractions with the same denominator Fractions: Solve Problems Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number Decimals: Recognise and Write Recognise and write decimal equivalents to ¼; ½; ¾ Recognise and write decimal equivalents of any	4F-3 Add and subtract improper and mixed fractions with the same denominator, including	Spring 3 Fractions 11 Add two or more fractions 12 Add fractions and mixed numbers 13 Subtract two fractions 14 Subtract from whole amounts 15 Subtract from mixed numbers Spring 3 Fractions Spring 3 Fractions Image: Spring 4 - Decimals A 1 Tenths as fractions 2 Tenths as decimals 3 Tenths on a place value chart	UNIT 9 Fractions greater than 1	improper fractions and mixed
Add and subtract fractions with the same denominator Fractions: Solve Problems Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number Decimals: Recognise and Write Recognise and write decimal equivalents to ¼; ½; ¾ Recognise and write decimal equivalents of any	4F-3 Add and subtract improper and mixed fractions with the same denominator, including	Spring 3 Fractions 11 Add two or more fractions 12 Add fractions and mixed numbers 13 Subtract two fractions 14 Subtract from whole amounts 15 Subtract from mixed numbers Spring 3 Fractions Spring 3 Fractions Image: Spring 4 - Decimals A 1 Tenths as fractions 2 Tenths as decimals 3 Tenths on a place value chart 4 Tenths on a number line	UNIT 9 Fractions greater than 1	improper fractions and mixed
Add and subtract fractions with the same denominator Fractions: Solve Problems Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number Decimals: Recognise and Write Recognise and write decimal equivalents to ¼; ½; ¾ Recognise and write decimal equivalents of any	4F-3 Add and subtract improper and mixed fractions with the same denominator, including	Spring 3 Fractions 11 Add two or more fractions 12 Add fractions and mixed numbers 13 Subtract two fractions 14 Subtract from whole amounts 15 Subtract from mixed numbers Spring 3 Fractions Spring 3 Fractions Spring 4 - Decimals A 1 Tenths as fractions 2 Tenths as decimals 3 Tenths on a place value chart 4 Tenths as fractions	UNIT 9 Fractions greater than 1	improper fractions and mixed
Add and subtract fractions with the same denominator Fractions: Solve Problems Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number Decimals: Recognise and Write Recognise and write decimal equivalents to ¼; ½; ¾ Recognise and write decimal equivalents of any	4F-3 Add and subtract improper and mixed fractions with the same denominator, including	Spring 3 Fractions 11 Add two or more fractions 12 Add fractions and mixed numbers 13 Subtract two fractions 14 Subtract from whole amounts 15 Subtract from mixed numbers Spring 3 Fractions Spring 3 Fractions Spring 4 - Decimals A 1 Tenths as fractions 2 Tenths as decimals 3 Tenths on a place value chart 4 Tenths as fractions 8 Hundredths as fractions	UNIT 9 Fractions greater than 1	improper fractions and mixed

Decimals: Comparing & rounding			
Round decimals with 1 decimal place to the nearest			
whole number			
Compare numbers with the same number of decimal			
places up to 2 decimal places			
Decimals: Calculations & Problems			
Find the effect of dividing a one- or two-digit number		Spring 4 - Decimals A	
by 10 and 100, identifying the value of the digits in the		5 Divide a 1-digit number by 10	
answer as ones, tenths and hundredths		6 Divide a 2-digit number by 10	
Fractions Decimals & Percentages			
Solve simple measure and money problems involving		Spring 3 Fractions	
fractions and decimals to 2 decimal places.		Spring 4 Decimals A	
		Summer 1 Decimals B	
Measurement			
Using Measures			
Convert between different units of measure		Spring 2 Length & perimeter	
		1 Measure in kilometres and metres	
		2 Equivalent legeths (Lilens store and method)	
Estimate, compare and calculate different measures		2 Equivalent lengths (kilometres and metres)	
Money			
Estimate, compare and calculate different measures,		Summer 2 Money	
including money in pounds and pence		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	
		o solve problems with money	
Time			
Time Read, write and convert time between analogue and		Summer 3 Time	UNIT 11 Time
		Summer 3 Time 1 Years, months, weeks and days	UNIT 11 Time
Read, write and convert time between analogue and		Summer 3 Time 1 Years, months, weeks and days 2 Hours, minutes and seconds	UNIT 11 Time
Read, write and convert time between analogue and		Summer 3 Time 1 Years, months, weeks and days 2 Hours, minutes and seconds 3 Convert between analogue and digital times	UNIT 11 Time
Read, write and convert time between analogue and		Summer 3 Time 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	UNIT 11 Time
Read, write and convert time between analogue and digital 12 and 24-hour clocks		Summer 3 Time 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	UNIT 11 Time
Read, write and convert time between analogue and digital 12 and 24-hour clocks Solve problems involving converting from hours to		Summer 3 Time1 Years, months, weeks and days2 Hours, minutes and seconds3 Convert between analogue and digital times4 Convert to the 24-hour clock5 Convert from the 24-hour clockSummer 3 Time	UNIT 11 Time
Read, write and convert time between analogue and digital 12 and 24-hour clocks Solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks		Summer 3 Time 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	UNIT 11 Time
Read, write and convert time between analogue and digital 12 and 24-hour clocks Solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to days		Summer 3 Time1 Years, months, weeks and days2 Hours, minutes and seconds3 Convert between analogue and digital times4 Convert to the 24-hour clock5 Convert from the 24-hour clockSummer 3 Time	UNIT 11 Time
Read, write and convert time between analogue and digital 12 and 24-hour clocks Solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to days Perimeter, Area & Volume	46.2 Find the perimeter of regular and	Summer 3 Time 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 Summer 3 Time 1-5	
Read, write and convert time between analogue and digital 12 and 24-hour clocks Solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to days Perimeter, Area & Volume Measure and calculate the perimeter of a rectilinear	4G-2 Find the perimeter of regular and irregular polygons	Summer 3 Time 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 Summer 3 Time 1-5 Spring 2 Length & perimeter	UNIT 11 Time
Read, write and convert time between analogue and digital 12 and 24-hour clocks Solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to days Perimeter, Area & Volume	4G-2 Find the perimeter of regular and irregular polygons	Summer 3 Time 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 Summer 3 Time 1-5 Spring 2 Length & perimeter 3 Perimeter on a grid	
Read, write and convert time between analogue and digital 12 and 24-hour clocks Solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to days Perimeter, Area & Volume Measure and calculate the perimeter of a rectilinear		Summer 3 Time 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 Summer 3 Time 1-5 Spring 2 Length & perimeter	
Read, write and convert time between analogue and digital 12 and 24-hour clocks Solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to days Perimeter, Area & Volume Measure and calculate the perimeter of a rectilinear		Summer 3 Time 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 Summer 3 Time 1-5 Spring 2 Length & perimeter 3 Perimeter on a grid 4 Perimeter of a rectangle	
Read, write and convert time between analogue and digital 12 and 24-hour clocks Solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to days Perimeter, Area & Volume Measure and calculate the perimeter of a rectilinear		Summer 3 Time 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 Summer 3 Time 1-5 Spring 2 Length & perimeter 3 Perimeter on a grid 4 Perimeter of a rectangle 5 Perimeter of rectilinear shapes	
Read, write and convert time between analogue and digital 12 and 24-hour clocks Solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to days Perimeter, Area & Volume Measure and calculate the perimeter of a rectilinear		Summer 3 Time 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 Summer 3 Time 1-5 Spring 2 Length & perimeter 3 Perimeter on a grid 4 Perimeter of a rectangle 5 Perimeter of rectilinear shapes 6 Find missing lengths in rectilinear shapes 7 Calculate perimeter of regular polygons	
Read, write and convert time between analogue and digital 12 and 24-hour clocks Solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to days Perimeter, Area & Volume Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres		Summer 3 Time 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 5 Convert from the 24-hour clock Summer 3 Time 1-5 Spring 2 Length & perimeter 3 Perimeter on a grid 4 Perimeter of a rectangle 5 Perimeter of rectilinear shapes 6 Find missing lengths in rectilinear shapes 7 Calculate perimeter of regular polygons 9 Perimeter of polygons	
Read, write and convert time between analogue and digital 12 and 24-hour clocks Solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to days Perimeter, Area & Volume Measure and calculate the perimeter of a rectilinear		Summer 3 Time 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 Summer 3 Time 1-5 Spring 2 Length & perimeter 3 Perimeter on a grid 4 Perimeter of a rectangle 5 Perimeter of rectilinear shapes 6 Find missing lengths in rectilinear shapes 7 Calculate perimeter of regular polygons 9 Perimeter of polygons 9 Perimeter of polygons	
Read, write and convert time between analogue and digital 12 and 24-hour clocks Solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to days Perimeter, Area & Volume Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres		Summer 3 Time 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 5 Convert from the 24-hour clock Summer 3 Time 1-5 Spring 2 Length & perimeter 3 Perimeter on a grid 4 Perimeter of a rectangle 5 Perimeter of rectilinear shapes 6 Find missing lengths in rectilinear shapes 7 Calculate perimeter of rectilinear shapes 8 Perimeter of regular polygons 9 Perimeter of polygons Autumn 3 Area 1 What is area?	
Read, write and convert time between analogue and digital 12 and 24-hour clocks Solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to days Perimeter, Area & Volume Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres		Summer 3 Time 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 5 Convert from the 24-hour clock Summer 3 Time 1-5 Spring 2 Length & perimeter 3 Perimeter on a grid 4 Perimeter of a rectangle 5 Perimeter of rectilinear shapes 6 Find missing lengths in rectilinear shapes 7 Calculate perimeter of regular polygons 9 Perimeter of polygons Autumn 3 Area 1 What is area? 2 Count squares	
Read, write and convert time between analogue and digital 12 and 24-hour clocks Solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to days Perimeter, Area & Volume Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres		Summer 3 Time 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 5 Convert from the 24-hour clock Summer 3 Time 1-5 Spring 2 Length & perimeter 3 Perimeter on a grid 4 Perimeter of a rectangle 5 Perimeter of rectilinear shapes 6 Find missing lengths in rectilinear shapes 7 Calculate perimeter of rectilinear shapes 8 Perimeter of regular polygons 9 Perimeter of polygons Autumn 3 Area 1 What is area?	

2:16 Multiplicative contexts: area
& perimeter 1

Geometry				
2-D Shapes				
Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes	4G-2 Identify regular polygons, including equilateral triangles and squares, as those in which the side-lengths are equal, and the angles are equal	Summer 4 4 Triangles 5 Quadrilaterals 6 Polygons		
Identify lines of symmetry in 2-D shapes presented in different orientations	4G-3 Identify line symmetry in 2D shapes presented in different orientations	Summer 4 7 Lines of symmetry	UNIT 10 Symmetry	
Complete a simple symmetric figure with respect to a specific line of symmetry.	4G-3 Reflect shapes in a line of symmetry and complete a symmetric figure or pattern with respect to a specified line of symmetry	Summer 4 8 Complete a symmetric figure		
Angles & Lines				
Identify acute and obtuse angles and compare and order angles up to 2 right angles by size		Summer 4 1 Understand angles as turns 2 Identify angles 3 Compare and order angles		
Position & Direction				
Describe positions on a 2-D grid as coordinates in the first quadrant		Summer 6 1 Describe position using coordinates 2 Plot coordinates	UNIT 7 Coordinates	
Plot specified points and draw sides to complete a given polygon.	4G-1 Draw polygons, specified by coordinates in the first quadrant, and translate within the first quadrant	Summer 6 3 Draw 2-D shapes on a grid		
Describe movements between positions as translations of a given unit to the left/right and up/down		Summer 6 4 Translate on a grid 5 Describe translation on a grid		
Statistics				
Present and Interpret				
Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs		Summer 5 1 Interpret charts 3 Interpret line graphs 4 Draw line graphs		
Solve Problems				
Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables, and other graphs .		Summer 5 2 Comparison, sum and difference		