

Wk 15 03/01/2024	4.1 Working with fractions	Compare fractions. Add and subtract fractions. Use fractions to solve problems.
	4.2 Operations with fractions	Find a fraction of a quantity or measurement. Use fractions to solve problems.
Wk 16 08/01/2024	4.3 Multiplying fractions	Multiply whole numbers, fractions and mixed numbers. Simplify calculations by cancelling.
	4.4 Dividing fractions	Divide a whole number by a fraction. Divide a fraction by a whole number or a fraction.
	4.5 Fractions and decimals	Convert fractions to decimals and vice versa. Use decimals to find quantities. Write one number as a fraction of another.
	4.6 Fractions and percentages	Convert percentages to fractions and vice versa. Write one number as a percentage of another.
Wk 17 15/01/2024	4.7 Calculating percentages 1	Convert percentages to decimals and vice versa. Find a percentage of a quantity. Use percentages to solve problems. Calculate simple interest.
	4.8 Calculating percentages 2	Calculate percentage increases and decreases. Use percentages in real-life situations. Calculate VAT (value added tax).

SPRING	5 Equations, inequalities and sequences	
Wk 18 22/01/2024	5.1 Solving equations 1	Understand and use inverse equations. Rearrange simple linear equations. Solve simple linear equations.
	5.2 Solving equations 2	Solve two-step equations.
	5.3 Solving equations with brackets	Solve linear equations with brackets. Solve equations with unknowns on both sides.
Wk 19 29/01/2024	5.4 Introducing inequalities	Use correct notation to show inclusive and exclusive inequalities. Solve simple linear inequalities. Write down whole numbers which satisfy an inequality. Represent inequalities on a number line.
	5.5 More inequalities	Solve two-sided inequalities.
	5.6 More formulae	Substitute values into formulae and solve equations. Change the subject of a formula. Know the difference between an expression, an equation, a formula and an identity.
Wk 20 05/02/2024	5.7 Generating sequences	Recognise and extend sequences.
	5.8 Using the nth term of a sequence	Use the nth term to generate terms of a sequence. Find the nth term of an arithmetic sequence.