



Education
Perfect



2026
Maths Acceleration Programme
12 Week Outline

Key			
Lesson	Assessment	Quiz	Differentiated Recommendations

Module	Focus of Learning	Week	Session	EP lesson
Module 1 Number Structure, Addition and Subtraction - Number sense - Place value - Addition and subtraction - Mental strategies - Estimation	Identify, read, write, compare, and order whole numbers up to 1,000,000, and represent them using base 10 structure Add and subtract any whole numbers Round whole numbers to a specified power of 10, and round tenths and hundredths to the nearest whole number or one decimal place Multiply and divide numbers by 10 and 100 to make decimals and whole numbers (e.g., $1.3 \times 10 = 13$) Use rounding, estimation, and inverse operations to predict results and to check the reasonableness of calculations no equivalent	Week 1	Week 1, Session 1	Using Education Perfect with Maths
			Week 1, Session 2	Start of Program Check In
			Week 1, Session 3	Representing Whole Numbers
			Week 1, Session 4	Addition of Whole Numbers
		Week 2	Week 2, Session 1	Subtraction of Whole Numbers
			Week 2, Session 2	Rounding
			Week 2, Session 3	Multiply and Divide Decimal Numbers by 10 and 100
			Week 2, Session 4	Module 1 Checkpoint
Module 2 Multiplication and Division of Whole Numbers - Basic facts fluency - Multi-digit multiplication - Long division - Estimation	Recall multiplication facts to at least 10×10 and corresponding division facts. Identify square numbers and factors of numbers up to 125 Multiply multi-digit whole numbers (e.g., 54×112) Divide up to four-digit whole number by a one-digit divisor, with a remainder (e.g., $198 \div 7$; $4154 \div 8$) Use the order of operations rule with grouping, addition, subtraction, multiplication, and division. Use rounding, estimation, and inverse operations to predict results and to check the reasonableness of calculations no equivalent	Week 3	Week 3, Session 1	Module 1 Checkpoint - Recommended lessons
			Week 3, Session 2	Multiplication Facts
			Week 3, Session 3	Square Numbers
			Week 3, Session 4	Multiplication of Whole Numbers
		Week 4	Week 4, Session 1	Division Facts
			Week 4, Session 2	Factors
			Week 4, Session 3	Division of Whole Numbers
			Week 4, Session 4	Division of Whole Numbers with Remainders

			Week 5	Week 5, Session 1	Order of Operations		
				Week 5, Session 2	Order of Operations Practice Skills List one , two , three		
				Week 5, Session 3	Module 2 Checkpoint		
				Week 5, Session 4	Module 2 Checkpoint - Recommended lessons		
Module 3	Fractions and Decimals - Equivalence - Compare and order fractions and decimals - Converting between fractions and decimals - Adding and subtracting decimals and fractions - Estimation	Identify, read, write, and represent fractions, decimals (to two places), and related percentages	Week 6	Week 6, Session 1	Simplify and Compare Fractions		
		For fractions with denominators of 2, 3, 4, 5, 6, 8, 10, 12, or 100: - compare and order the fractions - identify when two fractions are equivalent - represent the fractions in their simplest form		Week 6, Session 2	Mixed Numbers and Improper Fractions		
		Compare and order fractions, decimals (to two places), and percentages, and convert decimals and percentages to fractions		Week 6, Session 3	Add and Subtract Fractions with Like Denominators		
		Convert between mixed numbers and improper fractions		Week 6, Session 4	Add and Subtract Fractions with Unlike Denominators		
		Add and subtract fractions with the same or related denominators (e.g., $1/4 + 1/8$)	Week 7	Week 7, Session 1	Mid Program Check In		
		Add and subtract whole numbers and decimals to two decimal places (e.g., $250.11 + 135.29 = 385.4$)		Week 7, Session 2	Convert Between Fractions and Decimals		
		Solve problems involving purchases (e.g., ensuring they have enough money)		Week 7, Session 3	Ordering Fractions and Decimals		
		Create simple financial plans (e.g., shopping lists, a family budget)		Week 7, Session 4	Add and Subtract Whole Numbers and Decimals		
			Week 8	Week 8, Session 1	Financial Transactions		
				Week 8, Session 2	Budgeting		
				Week 8, Session 3	Module 3 Practice: Simplify Fractions Convert between fractions and decimals Calculating Change		
				Week 8, Session 4	Module 3 Checkpoint		
		Module 4	Percentages and Proportional Reasoning - Understanding proportions - Basic percentage calculations	Identify, read, write, and represent fractions, decimals (to two places), and related percentages	Week 9	Week 9, Session 1	Module 3 Checkpoint - Recommended lessons
				Compare and order fractions, decimals (to two places), and percentages, and convert decimals and percentages to fractions		Week 9, Session 2	Introduction to Percentages
				Find a fraction or percentage of a whole number		Week 9, Session 3	Convert Between Fractions, Decimals and Percentages
						Week 9, Session 4	Fractions and Percentages of a Whole

	<p>- Compare and convert fractions and decimals</p>	<p>where the answer is a whole number (e.g., $\frac{3}{8}$ of 48; 30% of \$150)</p> <p>Use known multiplication and division facts to scale a quantity</p> <p>Calculate 10%, 25%, and 50% of whole-dollar amounts (e.g., 50% of \$280).</p> <p>Identify, from a fractional part of a set, the whole set</p>	Week 10	Week 10, Session 1	Scaling Quantities	
					Week 10, Session 2	Discounts and Savings
					Week 10, Session 3	Find the Whole from a Fractional Part
					Week 10, Session 4	Module 4 Checkpoint
Module 5	<p>Review, consolidate and reteach</p> <p>Applying skills in multi-step problems and review</p>		Week 11	Week 11, Session 1	Module 4 Checkpoint - Recommended lessons	
				Week 11, Session 2	Mixed Applications	
				Week 11, Session 3	Mixed Multi-step Problems	
				Week 11, Session 4	Full Course Review and Practice Quiz	
			Week 12	Week 12, Session 1	Full Course Review and Practice Quiz Recommendations	
				Week 12, Session 2		
				Week 12, Session 3		
	Week 12, Session 4	End of Program Check In				