

Year 8 Maths Curriculum

This document provides an overview of the key topics your child will study in Year 8. A copy is also available in your child's Learning Journey book.

Term	Block	Unit	Topics	Sparx Code	R	A	G	Revision Tracker	
Term 1	Percentages	Percentages of amounts	Finding percentages of amounts without a calculator	M437					
			Finding percentages of amounts with a calculator	M905					
		Percentage change	Percentage change without a calculator	M476					
			Percentage change with a calculator	M533					
	Money	Calculating with money	Value for money	M681					
	Indices	Index laws	Index rules with positive indices	M608					
			Index rules with negative indices	M150					
			Simplifying expressions using index laws	M120					
			Simplifying algebraic fractions by cancelling common factors	M568					
	Equations	Solving equations	Solving equations of the form $(x+a)/b=c$	M401					
			Solving linear equations involving brackets	M902					
			Solving equations with the unknown on both sides	M554					
			Solving equations with the unknown in the denominator	M387					
			Constructing and solving equations	M957					
	Half Term								
	Sequences	Term-to-term rules	Term-to-term rules for numerical sequences	M381					
			Term-to-term rules for sequences of patterns	M241					
		Position-to-term rules	Substituting into position-to-term rules	M166					
			Position-to-term rules for arithmetic sequences	M991					
	Position-to-term rules for sequences of patterns		M866						
	Ratio	Ratio	Writing and simplifying ratios	M885					
			Writing ratios in the form 1:n	M543					
			Converting between ratios, fractions and percentages	M267					
			Using equivalent ratios to find unknown amounts	M801					
		Scale diagrams	Sharing amounts in a given ratio	M525					
			Drawing and interpreting scale diagrams	M112					
Term 1 Assessment									
Christmas Holidays									

To prepare for their assessments, students are encouraged to:

1. Use the **Red**, **Amber**, **Green** columns to rate their confidence in each topic.
2. **Use the Sparx codes** to access helpful videos and practice questions, focusing on areas that need further revision. Once the Sparx task is completed, students should tick it off on their revision tracker.

