

Personalised Learning Checklist

Subject: Maths

Year group: Stage 7



Dear Student,

The list below is the learning you should have completed. Your teacher will use the list to check your progress during this time. It may be used for short quizzes, mini assessments or homework. Where there are gaps your lessons will focus on improving your knowledge and understanding.

Objective	My personal RAG rating (Red- do not understand, Amber- some understanding, Green- I am confident)			Teacher RAG rating
	RED	AMBER	GREEN	
• Exploring place value	RED	AMBER	GREEN	
• Exploring written methods of calculation	RED	AMBER	GREEN	
• Calculating with decimals	RED	AMBER	GREEN	
• Know and apply the correct order of operations • Multiply a positive integer by a power of 10	RED	AMBER	GREEN	
• Multiply a decimal by a power of 10	RED	AMBER	GREEN	
• Divide a positive integer by a power of 10	RED	AMBER	GREEN	
• Divide a decimal by a power of 10	RED	AMBER	GREEN	
• Add numbers up to six-digits using a formal written method	RED	AMBER	GREEN	
• Add decimals with the same, and different, number of decimal places	RED	AMBER	GREEN	
• Subtract numbers up to six-digits using a formal written method	RED	AMBER	GREEN	
• Subtract decimals with the same, and different, number of decimal places • Multiply a number up to four-digits by a one or two-digit number using a formal written method	RED	AMBER	GREEN	
• Transform a multiplication involving decimals to a corresponding multiplication with integers	RED	AMBER	GREEN	
• Multiply a large integer up to four-digits by a decimal of up to 2dp using integer multiplication	RED	AMBER	GREEN	
• Divide a number up to four-digits by a one or two-digit number using a formal written method	RED	AMBER	GREEN	
• Use a formal method to divide a decimal by an integer < 10	RED	AMBER	GREEN	
• Use a formal method to divide a decimal by an integer greater than 10	RED	AMBER	GREEN	
• Transform a calculation involving the division of decimals to an equivalent division involving integers	RED	AMBER	GREEN	
• Apply the order of operations to multi-step calculations involving up to four operations and brackets	RED	AMBER	GREEN	
• Use the signs <, > and = to compare numbers	RED	AMBER	GREEN	
• Use a compound inequality to compare three or more numbers (e.g. $-1 < 0.5 < 4$)	RED	AMBER	GREEN	
• Order a set of integers	RED	AMBER	GREEN	
• Order a set of decimals	RED	AMBER	GREEN	
• Order a set of integers and decimals	RED	AMBER	GREEN	
• Order fractions with the same denominator or denominators are a multiple of each other	RED	AMBER	GREEN	
• Order fractions where the denominators are not multiples of each other	RED	AMBER	GREEN	
• Order mixed numbers and fractions	RED	AMBER	GREEN	

• Order a combination of integers, decimals, fractions and mixed numbers	RED	AMBER	GREEN	
• Know the connection between faces, edges and vertices in 3D shapes	RED	AMBER	GREEN	
• Recognise and use nets of 3D shapes	RED	AMBER	GREEN	
• Know and solve problems using the properties and definitions of triangles	RED	AMBER	GREEN	
• Know and solve problems using the properties and definitions of special types of quadrilaterals (including diagonals)	RED	AMBER	GREEN	
• Know and solve problems using the properties of other plane figures	RED	AMBER	GREEN	
• Write one quantity as a fraction of another where the fraction is less than 1	RED	AMBER	GREEN	
• Write one quantity as a fraction of another where the fraction is greater than 1	RED	AMBER	GREEN	
• Write a percentage as a fraction	RED	AMBER	GREEN	
• Write a quantity as a percentage of another	RED	AMBER	GREEN	