

YEAR 7		KS3 Maths Progress
TERM	UNIT / LESSON	LEARNING INTENTIONS
HALF-TERM TEST		
AUTUMN	3 Expressions, functions and formulae	
Wk08 30/10/2023	3.1 Functions	Find outputs of simple functions written in words and using symbols.
		Describe simple functions in words.
	3.2 Simplifying expressions 1	Simplify simple algebraic expressions by collecting like terms. Use arithmetic operations with algebra.
	3.3 Simplifying expressions 2	Use brackets with numbers and letters. Simplify more complicated expressions by collecting like terms.
Wk09 06/11/2023	3.4 Writing expressions	Write expressions from word descriptions using addition, subtraction and multiplication. Write expressions to represent function machines.
	3.5 STEM: Substituting into formulae	Substitute positive integers into simple formulae written in words. Substitute integers into formulae written in letter symbols.
	3.6 Writing formulae	Identify variables and use letter symbols. Write simple formulae using letter symbols. Identify formulae and functions. Identify the unknowns in a formula and a function.
	Check/Strengthen/Extend	
4 Decimals and measures		
Wk10 13/11/2023	4.1 Decimals and rounding	Measure and draw lines to the nearest millimetre. Write decimals in order of size. Round decimals to the nearest whole number and to one decimal place. Round decimals to make estimates and approximations of calculations.
Wk 11 20/11/2023	4.2 Length, mass and capacity	Compare measurements by converting them into the same units. Solve simple problems involving units of measurement in the context of length. Convert between metric units of length, mass and capacity.
	4.3 Scales and coordinates	Read scales on a range of measuring equipment. Interpret the display of a calculator in different contexts. Interpret metric measures displayed on a calculator. Plot and read coordinates in all four quadrants.
Year 7 PAZ 1		
Wk 12 27/11/2023	4.4 Working with decimals mentally	Multiply decimals mentally. Check a result by considering whether it is of the right order of magnitude. Understand where to position the decimal point by considering equivalent calculations.
	4.5 Working with decimals	Add and subtract decimals. Multiply and divide decimals by single-digit whole numbers.
Wk 13 04/12/2023	4.6 Perimeter	Work out the perimeters of shapes. Solve perimeter problems.
	4.7 Area	Find areas by counting squares. Calculate the areas of squares and rectangles. Calculate the areas of shapes made from rectangles. Solve problems involving area.
Wk 14 11/12/2023	4.8 STEM: More units	Choose suitable units to estimate length and area. Use units of measurement to solve problems. Use metric and imperial units.
	Check/Strengthen/Extend	
	Revision	
END OF TERM TEST		