

Foundation SOW 2025-26				
Term	Unit	Topic	Content	SPARX clips
HT1	F1	Solving equations and rearranging formulae	Solve linear equations up to and including those with the unknown on both sides of the equation. Changing the subjects of formulae.	U755, U325, U870, U505, U556, U221, U373
	F2	Linear Graphs	Recognise, plot and interpret straight line graphs. Find approximate solutions from graphs including real life graphs. Identify and interpret gradients and y intercepts including from the form $y=mx+c$ .	U789, U741, U933, U889, U638, U669, U315, U377, U477, U848, U862
	F3	Linear Simultaneous Equations	Solve two simultaneous equations algebraically and graphically. Derive two simultaneous equations from a situation in context.	U760, U757, U836, U137
	F4	Volume 2	Find and problem solve with volume of cubes, cuboids, prisms, cylinders, spheres, pyramids, cone and composite solids.	U786, U174, U915, U484, U116, U617, U426, U350, U543
HT2	F5	Compound Measures	Interpret distance-time graphs. Change between standard units of measure and compound units of measure.	U914, U462, U896, U902, U388, U248, U468, U151, U256, U403, U914, U462, U966, U910, U527
	F6	Quadratics - graphical	Recognise, sketch and interpret graphs of quadratic functions. Find approximate solutions from graphs.	U989, U667, U601, U178, U963
	F7	Quadratics - algebraic	Factorise quadratic expressions and solve quadratic equations by factorising where the coefficient of $x^2$ is 1.	U228
	F8	Further graphs	Recognise and be able to sketch cubic, reciprocal, inverse, and direct proportion graphs.	U980, U593, U238
HT3	F9	Probability 2	Work with experimental and theoretical probability, knowing that probability sums to 1. Use probability tree diagrams for independent and dependent events. Find probabilities from Venn diagrams.	U803, U408, U510, U280, U166, U683, U580, U476, U748, U104, U558, U729, U296, U369
	F10	Statistics 2	Understand and draw types of charts, including bar charts, pictograms, stem and leaf diagrams and pie charts. Calculate and problem solve with averages and range. Plot, read and use scatter graphs.	U981, U363, U557, U508, U172, U653, U506, U200, U909, U291, U260, U456, U526, U569, U854, U877, U717, U322, U162, U590, U193, U199, U277, U128
	F11	Ratio 2	Convert between ratio, fractions, and percentages. Write, simplify, and combine ratios. Share amounts given a ratio. Problem solve with ratio.	U687, U577, U753, U176
	F12	Growth & Decay	Set up, solve and interpret the answer of growth and decay problems including compound interest. Compare simple and compound interest.	U332, U988
HT5	F13	Pythagoras Review	Calculate a missing side length from a right angled triangle. Use three side lengths of a triangle to determine if it's right angled.	U851, U385
	F14	Bearings & Scale Drawings	Measure and draw bearings. Draw and interpret scale diagrams. Calculate bearings using angles rules.	U257, U525, U107
HT6	Year 9 and 10 Review			