

Year 8 SOW 2023/24

Term	KPI	Topic	Strand	Sparx clips	Links to prior learning
HT1	8.01	Powers and Roots	Number	M135, M608	7.00 (squares and roots)
	8.02	Prime Factorisation	Number	M322, M823, M108, M365, M227, M698	7.04 (primes, factors & multiples)
	8.03	Rounding	Number	M111, M431, M994, M131, M878	7.01 (Numerical Skills)
	8.04	Fractions	Number	M939, M410, M671, M601, M835, M931, M157, M197, M110, M265	7.11 & 7.12 (Fraction Manipulaiton & Adding and Subtracting Fractions)
HT2	8.05	Solving equations 1	Algebra	M707, M509, M387, M554, M813, M795, M531, M957	7.03, 7.06, 7.08
	8.06	Coordinates and basic graphs	Geometry & Measure	M618, M622, M797	7.17 (coordinates)
	8.07	Units of measurement	Geometry & Measure	M892, M627, M515, M772, M530, M761, M728	7.08 (multiplication and division)
HT3	8.08	Angles in Parallel Lines	Geometry & Measure	M818, M163, M606, M351, M679, M393	7.16 (angles)
	8.09	Circumference	Geometry & Measure	M595, M169	7.07 (perimeter)
	8.10	Direct Proportion	Ratio, Proportion & Rates of Change	M478, M681	7.08 (multiplication and division)
HT4	8.11	Fractions, decimals and percentages	Number	M267, M958, M264, M553	7.11-14, 8.04 (all fraction and decimal manipulation has been covered)
	8.12	Percentage calculations	Number	M235	8.13 (Fractions, Decimals and Percentages)
	8.13	Ratio 1	Ratio, Proportion & Rates of Change	M885, M543, M267, U921, M801, M525	KS2 Y6 PoS, 7.08, 8.11 (multiplication, division and proportional reasoning)
HT5	8.14	Area of circles and trapezia	Geometry & Measure	M705, M231, M430, M303, M269, M996	7.10, 8.10 (area and circumference)
	8.15	Statistics 1 (presenting and interpreting data)	Statistics	M945, M460, M738, M140, M183, M574, M165, M648, M210	7.16 (measuring, drawing, working with angles)
	8.16	Averages and Spread	Statistics	M940, M934, M328, M841, M440	7.09 (the mean)
HT6	8.17	3-D visualisation	Geometry & Measure	M767, M518	KS2 Y6 PoS
	8.18	Volume 1	Geometry & Measure	M765, M722, M697, M465, M464,	KS2 Y6 PoS, 7.08 (multiplication & division)