Subject: Mathematics **Year group: 10 (Higher)**

Independent Learning programme Autumn

Term	KPI	Topic	Strand	Sparx clips	Links to prior learning
HT1	H1	Rearrange formulae	Algebra	U556	9.15 (linear equations)
	H2	Linear Graphs	Algebra	U789, U933, U741, U315, U669, U477, U848, U377, U898	8.08, 9.14, 10.01 (substitution, coordinates and rearranging formula)
	H3	Linear Simultaneous Equations	Algebra		9.14, 10.01, 10.02 (substitution, rearranging and linear graphs)
	H4	Volume 2	Geometry & Measure	U786, U174, U915	7.10, 8.14, 8.18 (area and volume)
HT2	H5	Compound Measures	Geometry & Measure	U151, U527, U910	8.09, 9.10 (units and proportion)
	H6	Quadratics - Graphical	Algebra	U989, U667, U769	9.13 (expanding and factorising)
	H7	Quadratics - Algebraic	Algebra	U606, U858, U178, U963	9.13 (expanding and factorising)
	H8	Further graphs	Algebra	U980, U593, U229	9.10, 10.02 (proportion, linear graphs)
	10.04	Compound Measures	Ratio, Proportion & Rates of Change	U980, U593, U229	9.10, 10.02 (proportion, linear graphs)