Midhurst Rother College
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Part of United Learning

Subject: Mathematics   **Year group: 11 (Higher)**

SENECA   sparx   The EverLearner

Independent Learning programme Autumn

Term	KPI	Topic	Strand	Sparx clips	Links to prior learning
HT7	11.01	Algebraic proof	Algebra	U582	9.011, 9.013 (algebriac notation, expanding, factorising)
	11.02	Solving quadratics & further Simultaneous equations	Algebra	U228, U960, U325, U665, U589, U836, U875, U547	10.07 (linear simultaneous equations)
	11.03	Functions	Algebra	U637, U895, U448, U996, U448	9.14, 10.01 (substitution and rearranging formulae)
	11.04	Iteration	Algebra	U434	9.14, 10.01 (substitution and rearranging formulae)
	11.05	Quadratic inequalities	Algebra	U747, U133	9.16, 10.05 (linear inequalities, quadratic graphs)
HT8	11.06	Bearings	Geometry & Measure	U525, U107	9.20, 9.21 (Angle facts and angles in parallel lines)
	11.07	Circle theorems	Geometry & Measure	U459, U459, U251, U130, U489, U251, U808	9.20, 9.21 (Angle facts and angles in parallel lines)
	11.08	Further Trigonometry & Trigonometric graphs	Geometry & Measure	U592, U952, U591, U164, U450	10.20 (right angled trigonometry)