

KNOWLEDGE OVERVIEW 3A Y11 HIGHER (W/c 12th and 19th April 2021)

MATHS Assessment 1: Higher (Non- Calculator)

** Please note, the topics are ranked by strand and Mathswatch clip order **

Strand	Topic	Revision clip	Workbook reference	Reviewed in lesson (Y/N)	Independent learning		
					Watched video(s) (Y/N)	Completed interactive Qs (Y/N)	Completed corresponding task? (Y/N)
Number	+x÷ fractions including mixed number	71 73, 74	6				
	Powers and roots, laws of indices	81 82, 154, 188	25				
	Ordering numbers written in different formats	83	19				
	Laws of indices	188 88	25				
	Simplifying surds & rationalising	207 a, b, c	29				
Algebra	Linear sequences: generating and finding the nth term	103	46				
	Recognising graphs	161 98	72 - 76				
	Rearrange harder formulae	190 136	34				
	Equation of perpendicular lines	208 159a	69				
	Composite & inverse functions	214 214 a,b; 215	60				
Ratio & Proportion	Ratio in context	106	89				
	Combining ratios	106 107	89				
	Percentage change	109	98				
	Compound measures	142	105				
	Direct & inverse proportion	199	94				
Shapes & Measures	Volume of prisms (rearranging)	119 142	130				
	Angles in parallel lines (reasoning)	120	110				
	Congruence	166	121				
	Exact trig values; form and solve	173	148				
	Describe a transformation	181 b; 148	123				
Probability & Statistics	Comparing distributions	62	186				
	Capture/ recapture (sampling)	152	172				
	Cumulative frequency	186	180				
	Boxplots	187	179				
	Probability (AND/ OR)	204	166				