

## KNOWLEDGE OVERVIEW 3A Y11 HIGHER (W/c 10th to 24th May)

MATHS Assessment 3: Higher (Calculator)

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

Strand	Topic	Revision clip	Reviewed in lesson (Y/N)	Independent learning		
				Watched video(s) (Y/N)	Completed interactive Qs (Y/N)	Completed corresponding task? (Y/N)
Number	Laws of indices	82	88			
	Standard form	83	19			
	Error intervals	155	16			
	Recurring decimals	189	10			
Algebra	Solving inequalities	139	50			
	Simultaneous equations (graphical)	140	77			
	Roots and turning points	160	72			
	Expanding brackets	178	27			
	Algebraic ratio/ rearrange	190				
	Regions and inequalities	198	48, 52			
	Algebraic fractions	210a	45			
Ratio & proportion	Proportion	42	94			
	Compound units	142	105			
Geometry & Measures	Volume of prism	119	130			
	Trigonometry	168	146			
	Combining transformations	182	123			
	Circle theorems	183	116			
	Similar shapes (length/ area/ volume)	200	122			
	3D Pythagoras/ trig	217 218	153, 154			
Probability & Statistics	Velocity time graphs	216a	84			
	Reverse mean	62	175			
	Probability	125 59	160 - 166			
	Probability tree diagrams	151	167			
	Histograms	205	183			
	Estimate the mean	130b	175-178			

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