

Stepping Up to Year 11 - Maths

Maths	Outline of learning	Tasks	Resource Links	Self Assessment		
Week 1	Consolidation of Unit 2 - Algebra	1) Complete July/August Higher/Foundation+ 5-A-Day questions daily. Self-mark using the worked solutions provided. https://corbettmaths.com/5-a-day/gcse/ 2) Study the topics outlined on the left using the six-week plan and the following resources to help: 3) Search HegartyMaths for clips and quizzes using the HM clip numbers provided. 4) Click on the Corbettmaths video links to consolidate learning on these topics. 5) Click on the Corbettmaths Questions link to attempt exam questions on these topics. 6) Click on the Corbettmaths Answers link to self-mark your work.	HM Clip	Corbettmaths	Corbettmaths	
	Expanding Double Brackets		163	Video	Questions	Answers
	Factorising Quadratics		224	Video	Questions	Answers
	Factorising Quadratics		225	Video	Questions	Answers
	Rearranging Formulae		281	Video	Questions	Answers
	Linear Sequences: nth term		198	Video	Questions	Answers
	Quadratic Sequences		248	Video	Questions	Answers
Week 2	Consolidation of Unit 9 - Equations		HM Clip	Corbettmaths	Corbettmaths	
	Solving Quadratics - Formula	241-242	Video	Questions	Answers	
	Solving Quadratics - Factorisation	230-233	Video	Questions	Answers	
	Solving Quadratics - Complete the Square	235-239	Video	Questions	Answers	
	Simultaneous - Elimination	190-193	Video	Questions	Answers	
	Simultaneous equations (substitution, both linear)	194-195	Video	Questions	Answers	
	Simultaneous equations (advanced – Quadratics)	246	Video	Questions	Answers	
Week 3	Consolidation of Unit 5 and 13 - Trigonometry		HM Clip	Corbettmaths	Corbettmaths	
	Pythagoras	497-504	Video	Questions	Answers	
	3D Pythagoras	505-507	Video	Questions	Answers	
	Trigonometry: Introduction	508	Video	Questions	Answers	
	Trigonometry: Missing Angles	509-510	Video	Questions	Answers	
	Trigonometry: Missing Sides	511-512	Video	Questions	Answers	
	Trigonometry: Exact Values	845-846	Video	Questions	Answers	
	Trigonometry: 3D Trigonometry	854-858	Video	Questions	Answers	
	Cosine Rule Missing Angles	529-530	Video	Questions	Answers	
	Cosine Rule Missing Sides	527-528	Video	Questions	Answers	
	Sine Rule Missing Sides	521-522	Video	Questions	Answers	



Stepping Up to Year 11 - Maths

Week 4	Consolidation of Unit 7 – Area and Volume	7) Complete MCQ quizzes on Firefly . 8) Microsoft TEAM lessons to take place every Monday 11am-12.30pm	HM Clip	Corbettmaths		Corbettmaths
	Converting Metric Area		705	Video	Questions	Answers
	Converting Metric Volume		706	Video	Questions	Answers
	Volume - Prisms		570-571	Video	Questions	Answers
	Volume - Cone		576-577	Video	Questions	Answers
	Volume - Frustum		578	Video	Questions	Answers
	Volume - Pyramid		579	Video	Questions	Answers
	Volume - Sphere		580-581	Video	Questions	Answers
Week 5	Consolidation of Unit 3 – Averages and Data		HM Clip	Corbettmaths		Corbettmaths
	Averages - Median		409	Video	Questions	Answers
	Averages - Mean		405-408	Video	Questions	Answers
	Estimate of mean		417	Video	Questions	Answers
	Means from Frequency Tables		418	Video	Questions	Answers
	Median for a Frequency Table		416	Video	Questions	Answers
	Stem and Leaf Diagrams - Draw		430-431	Video	Questions	Answers
	Stem and Leaf Diagrams - Interpret		432-433	Video	Questions	Answers
Week 6	Consolidation of Unit 11 & 12 – Congruence, Similarity & Proportion	HM Clip	Corbettmaths		Corbettmaths	
	Angles in Polygons	560-565	Video	Questions	Answers	
	Congruent and Similar Shapes	682-683	Video	Questions	Answers	
	Similar Shapes	608-613	Video	Questions	Answers	
	Similar Shapes Area	615-617	Video	Questions	Answers	
	Similar Shape Volumes	618-621	Video	Questions	Answers	
	Growth and Decay	900-801	Video	Questions	Answers	
	Direct Proportion	339-341	Video	Questions	Answers	
	Inverse Proportion	342	Video	Questions	Answers	

