Year 10 Overview 2025-26 – Higher Maths								
Date	W k	Week	Units Studied & Learning Outcomes	Key Concepts & Assessment				
8 weeks (?? Lessons) (38 Days)								
Tues 2-Sep	Α	1	Basic Algebra Skills (6) – 2 weeks					
Tues Y7 only								
Wednesday- whole school								
8-Sep	В	2						
15-Sep (INSET		3	<u>Surds (8) – 2 weeks</u>					
Friday)	Α							
22-Sep	В	4						
29-Sep		5	<u>Transformations (4)</u>					
	Α	RQ 1						
6-Oct	В	6	Comparing ratio (3)					
13-Oct	Α	7	Linear graphs, Gradient and intercept method,					
			ay+bx=c use of cover-up method (4)					
20-Oct	В	8	Percentage increase/decrease, Compound					
		RQ 2	interest/Repeated percentage change, Reverse percentage, Percentage profit and loss (4)					
Half-Term	Half-Term 7 weeks (?? lessons) (35 Days)							
3-Nov	A	9	Probability Use of Key words, Combined events, Tree diagrams,  Venn diagram set notation (4)					
10-Nov	В		Product of Primes, Linear and quadratic sequences (4)					
17-Nov		11	Index Notation, Standard form					
			Rational numbers, Irrational numbers (4)					
	Α	RQ 3						
24-Nov			Solve Quadratic Equations graphically (4)					
	В	12						
1-Dec	Α	13	Averages and Range (4)					
8-Dec		14	Recall and in- class formative assessment & feedback. (3 lessons)					

S-Jan   B   16   Rates of change, area under a curve, trapezium rule (4)			]Recall					
S-Jan   B   16			Assess ment					
S-Jan	15-Dec	Α	15	Right angles triangles. (4)				
B 16  12-Jan A 17 Congruence and Similarity (4)  13 Sine and Cosine non right angled triangles (6)  19-Jan B RQ 4  26-Jan A 19  2-Feb B 20 Equations of circles (4)  9-Feb A RQ 5  Half-Term 6 weeks (?? lessons) (28 Days)  23-Feb B 22 Cumulative Frequency, Histograms, Frequency Diagrams Box plots (4)  2-Mar A 23 Completing the square, quadratic formula, factorising with a coefficient of x². (6) – Two Week with RQ after topic during 2"d week  9-Mar A 25 Area and Circumference, Volume and Surface Area (4)  23-Mar B 26 Loci, angles in polygons (4)  30-Mar (finish Wednesday 1° April)  A ST1 Revision, focus on topics using the department template.								
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12-Jan A 17 Congruence and Similarity (4)  18 Sine and Cosine non right angled triangles (6)  26-Jan A 19  2-Feb B 20 Equations of circles (4)  9-Feb A RQ 5  Half-Term 6 weeks (?? lessons) (28 Days)  23-Feb B 22 Cumulative Frequency, Histograms, Frequency Diagrams Box plots (4)  2-Mar A 23 Completing the square, quadratic formula, factorising with a coefficient of x². (6) — Two Week with RQ after topic during 2 <sup>nd</sup> week  9-Mar A 25 Area and Circumference, Volume and Surface Area (4)  23-Mar B 26 Loci, angles in polygons (4)  30-Mar (finish Wednesday 1: A ST1 Revision, focus on topics using the department template.	5-Jan			Rates of change, area under a curve, trapezium rule (4)				
19-Jan B RQ 4  26-Jan A 19  2-Feb B 20 Equations of circles (4)  9-Feb A RQ 5  Half-term 6 weeks (?? lessons) (28 Days)  2-Mar A 23  9-Mar B RQ 6  16-Mar A 25 Area and Circumference, Volume and Surface Area (4)  23-Mar B 26 Loci, angles in polygons (4)  30-Mar (finish Wednesday A ST1  Easter Holiday 5 Weeks (?? lessons) (24 Days)  8 weeks (?? lessons) (28 Days)  Completing the square, quadratic formula, factorising with a coefficient of x². (6) – Two Week with RQ after topic during 2xd week  Revision, focus on topics using the department template.		В	16					
19-Jan B RQ 4  26-Jan A 19  2-Feb B 20 Equations of circles (4)  9-Feb A RQ 5  Half-Term 6 weeks (?? lessons) (28 Days)  23-Feb B 22 Cumulative Frequency, Histograms, Frequency Diagrams Box plots (4)  2-Mar A 23 Sompleting the square, quadratic formula, factorising with a coefficient of x². (6) – Two Week with RQ after topic during 2 <sup>rd</sup> week  9-Mar A 25 Area and Circumference, Volume and Surface Area (4)  23-Mar B 26 Loci, angles in polygons (4)  30-Mar (finish Wednesday 1rd April) 13-April) A ST1 Revision, focus on topics using the department template.  Easter Holiday 5 weeks (?? lessons) (24 Days)	12-Jan	Α	17	Congruence and Similarity (4)				
26-Jan A 19  2-Feb B 20 Equations of circles (4)  9-Feb A RQ5  Half-Term 6 weeks (?? lessons) (28 Days)  23-Feb B 22 Cumulative Frequency, Histograms, Frequency Diagrams Box plots (4)  2-Mar A 23 Completing the square, quadratic formula, factorising with a coefficient of x², (6) – Two Week with RQ after topic during 2 <sup>nd</sup> week  9-Mar A 25 Area and Circumference, Volume and Surface Area (4)  23-Mar B 26 Loci, angles in polygons (4)  30-Mar (finish (finish read) A ST1 Bevision, focus on topics using the department template.  Easter Holiday 5 weeks (?? lessons) (24 Days)  20-Apr B ST1 Bevision, focus on topics using the department template.			18	Sine and Cosine non right angled triangles (6)				
2-Feb B 20 Equations of circles (4)  9-Feb A RQ5  Balf-Term 6 weeks (?? lessons) (28 Days)  23-Feb B 22 Cumulative Frequency, Histograms, Frequency Diagrams Box plots (4)  2-Mar A 23 Completing the square, quadratic formula, factorising with a coefficient of x². (6) – Two Week with RQ after topic during 2 <sup>md</sup> week  9-Mar A 25 Area and Circumference, Volume and Surface Area (4)  23-Mar B 26 Loci, angles in polygons (4)  30-Mar (finish Weednesday 1 <sup>md</sup> April) A ST1  Easter Holiday 5 weeks (?? lessons) (24 Days)  Easter Holiday 5 weeks (?? lessons) (24 Days)	19-Jan	В	RQ 4					
9-Feb A RQ5  Half-Term 6 weeks (?? lessons) (28 Days)  23-Feb B 22 Cumulative Frequency, Histograms, Frequency Diagrams Box plots (4)  2-Mar A 23 Completing the square, quadratic formula, factorising with a coefficient of x². (6) — Two Week with RQ after topic during 2nd week  9-Mar A 25 Area and Circumference, Volume and Surface Area (4)  23-Mar B 26 Loci, angles in polygons (4)  30-Mar (finish Wednesday 1"April) A ST1 Revision, focus on topics using the department template.  Easter Holiday 5 weeks (?? lessons) (24 Days)  20-Apr B ST1 Revision, focus on topics using the department template.	26-Jan	Α	19					
Half-Term 6 weeks (?? lessons) (28 Days)  23-Feb B 22 Cumulative Frequency, Histograms, Frequency Diagrams Box plots (4)  2-Mar A 23 Completing the square, quadratic formula, factorising with a coefficient of x². (6) – Two Week with RQ after topic during 2"d week  9-Mar A 24 B RQ 6  16-Mar A 25 Area and Circumference, Volume and Surface Area (4)  23-Mar B 26 Loci, angles in polygons (4)  30-Mar (finish Wednesday 1"April) A ST1  Easter Holiday 5 weeks (?? lessons) (24 Days)  Revision, focus on topics using the department template.	2-Feb	В	20	Equations of circles (4)				
Half-Term  6 weeks (?? lessons) (28 Days)  23-Feb B 22			21	<u>Dimensional Analysis, Density, Mass, Pressure (4)</u>				
23-Feb B 22	9-Feb	Α	RQ 5					
B 22 Box plots (4)  2-Mar	Half-Term 6 weeks (?? lessons) (28 Days)							
2-Mar	23-Feb	В	22					
9-Mar								
9-Mar	2-Mar							
B RQ 6  16-Mar A 25 Area and Circumference, Volume and Surface Area (4)  23-Mar B 26 Loci, angles in polygons (4)  30-Mar (finish Wednesday 1st April) A ST1 Revision, focus on topics using the department template.  5 weeks (?? lessons) (24 Days)  20-Apr B ST1 Revision, focus on topics using the department template.		Α	23	during 2 <sup>nd</sup> week				
16-Mar A 25 Area and Circumference, Volume and Surface Area (4)  23-Mar B 26 Loci, angles in polygons (4)  30-Mar (finish Wednesday 1st April) A ST1 Revision, focus on topics using the department template.  5 weeks (?? lessons) (24 Days)  20-Apr B ST1 Revision, focus on topics using the department template.	9-Mar		24					
23-Mar B 26 Loci, angles in polygons (4)  30-Mar (finish Wednesday 1st April) A ST1  Easter Holiday 5 weeks (?? lessons) (24 Days)  20-Apr B ST1 Revision, focus on topics using the department template.		В	RQ 6					
30-Mar (finish Wednesday 1st April) A ST1  Easter Holiday  5 weeks (?? lessons) (24 Days)  20-Apr B ST1  Revision, focus on topics using the department template.	16-Mar	Α	25	Area and Circumference, Volume and Surface Area (4)				
(finish Wednesday 1st April) A ST1  Easter Holiday 5 weeks (?? lessons) (24 Days)  20-Apr B ST1 Revision, focus on topics using the department template.	23-Mar	В	26	Loci, angles in polygons (4)				
Wednesday 1st April)  A ST1  Easter Holiday  5 weeks (?? lessons) (24 Days)  20-Apr  B ST1  Revision, focus on topics using the department template.	30-Mar			Revision, focus on topics using the department template.				
1st April)     A     ST1       Easter Holiday       20-Apr     B     ST1     Revision, focus on topics using the department template.	1							
20-Apr B ST1 Revision, focus on topics using the department template.		Α	ST1					
25 7.10	Easter Holiday	Easter Holiday 5 weeks (?? lessons) (24 Days)						
27-Apr A 29 <u>EBI TO EXAMS (3)</u>	20-Apr	В	ST1	Revision, focus on topics using the department template.				
	27-Apr	Α	29	EBI TO EXAMS (3)				

4.840.7			Algebraic Fractions (8)					
4-May			Algebraic Fractions (6)					
(Bank holiday	В	30						
Mon)		30						
11-May		31						
11-iviay		31						
	Α	RQ 7						
18-May			Recall & Revision, focus on topics from ST1 using the department					
,	В	32	<u>template</u>					
1-Jun	Α	33	Kinematics Formulae (3)					
9-Jun	В	34	Error Bounds (3)					
16-Jun	Α	35	Simultaneous equations, quadratic simultaneous equations(6)					
		RQ 8						
23-Jun	В	36	Circle Theorems (8)					
30-Jun								
	Α	37*						
7-Jul		38*	Translating graphs					
	В	RQ 9						
14-Jul			Year 11 Preparation / In depth revisit of topics, based					
	Α	39*	on analysis of ST2 exam					
			(Total: 190 Days)					

<sup>\*</sup>Weeks 37-39 are **likely** to be impacted by college visits, year rewards trip, sports day and work experience week.