

# St. John's Senior School



**Subject: Pure Mathematics**  
**Teacher: M. Charalampopoulou**

**Form: L6**  
**Term: Autumn 2025**

WEEK	WEEK BEGINNING	TOPIC
1	8 <sup>th</sup> September (Tuesday)	Baseline test - Chapter 1.1-1.3 (Index laws-Expanding brackets-Factorising)
2	15 <sup>th</sup> September	Chapter 1.4-1.6 (Indices-Surds-Rationalising)
3	22 <sup>th</sup> September	Chapter 2.1-2.3 Solving Quadratics-Completing the square-Functions)
4	29 <sup>rd</sup> September	Chapter 2.4-2.6 Quadratic Graphs-Discriminant-Modelling)
5	6 <sup>th</sup> October	<b>MINI-TEST</b>
6	13 <sup>th</sup> October	Chapter 3.1-3.3 (Linear simultaneous equations-Quadratic simultaneous equations-simultaneous equations on graphs)
7	20 <sup>th</sup> October	Chapter 3.4-3.7 (Linear inequalities-Quadratic inequalities-Inequalities on graphs-Regions)
<b>HALF - TERM</b>		
8	3 <sup>rd</sup> November	Chapter 4.1-4.4 Cubic, Quartic, Reciprocal graphs-points of intersection)
9	10 <sup>th</sup> November	Chapter 4.5-4.7 (translating graphs, stretching graphs,transforming graphs)
10	17 <sup>th</sup> November	Chapter 5
11	24 <sup>th</sup> November	Chapter 6.1-6.3 (Circles)
12	1 <sup>nd</sup> December	Chapter 6.4-6.5 (Circles)

13	8 <sup>th</sup> December	Chapter 7.1-7.3 (Algebraic Methods)
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**Form: L6**  
**Term: Spring 2026**

WEEK	WEEK BEGINNING	TOPIC
1	5 <sup>th</sup> January	<b>MOCK EXAMINATIONS</b>
2	12 <sup>th</sup> January	Mock Paper Review
3	19 <sup>th</sup> January	Chapter 7.4-7.5 (Algebraic methods)
4	26 <sup>th</sup> January	Chapter 8.1-8.3 (Binomial Expansion)
5	2 <sup>nd</sup> February	Chapter 8.4-8.5 (Binomial Expansion)
6	9 <sup>th</sup> February	Chapter 9.4-9.6 (Trigonometric ratios)
<b>HALF - TERM</b>		
7	23 <sup>rd</sup> February	Chapter 10.1-10.3 (Trigonometric identities and equations)
8	2 <sup>nd</sup> March	Chapter 10.4-10.6 (Trigonometric identities and equations)
9	9 <sup>th</sup> March	Chapter 11.1-11.3 (Vectors)
10	16 <sup>th</sup> March	Chapter 11.4-11.6 (Vectors)
11	23 <sup>rd</sup> March	Chapter 12.1-12.2 (Differentiation)

# St. John's Senior School



**Subject: Pure Mathematics**  
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**Form: L6**  
**Term: Summer 2026**

WEEK	WEEK BEGINNING	TOPIC
1	20 <sup>th</sup> April	Chapter 12.3-12.5 (Differentiation)
2	27 <sup>th</sup> April	Chapter 12.6-12.8 (Differentiation)
3	5 <sup>th</sup> May	Chapter 12.9-12.11 (Differentiation)
4	11 <sup>th</sup> May	Chapter 13.1-13.3 (Integration)
5	18 <sup>th</sup> May	Chapter 13.4-13.7 (Integration)
<b>HALF - TERM</b>		
5	1 <sup>st</sup> June	<b>END OF TERM EXAMINATIONS</b>
6	8 <sup>th</sup> June	Exam Paper Review
7	15 <sup>th</sup> June	Chapter 14.1-14.3 (Exponentials and Logarithms)
8	23 <sup>nd</sup> June	Chapter 14.4-14.8 (Exponentials and Logarithms)
9	29 <sup>th</sup> June	Year 2 Book Chapter 1.1-1.2 (Algebraic Methods)
10	6 <sup>th</sup> July	Year 2 Book Chapter 1.3-1.5 (Algebraic Methods)

