

St. John's Senior School



Subject: Pure Mathematics
Teacher: M. Charalampopoulou

Form: L6
Term: Autumn 2025

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

13	8 th December	Chapter 7.1-7.3 (Algebraic Methods)
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WEEK	WEEK BEGINNING	TOPIC
1	5 th January	MOCK EXAMINATIONS
2	12 th January	Mock Paper Review
3	19 th January	Chapter 7.4-7.5 (Algebraic methods)
4	26 th January	Chapter 8.1-8.3 (Binomial Expansion)
5	2 nd February	Chapter 8.4-8.5 (Binomial Expansion)
6	9 th February	Chapter 9.4-9.6 (Trigonometric ratios)
HALF - TERM		
7	23 rd February	Chapter 10.1-10.3 (Trigonometric identities and equations)
8	2 nd March	Chapter 10.4-10.6 (Trigonometric identities and equations)
9	9 th March	Chapter 11.1-11.3 (Vectors)
10	16 th March	Chapter 11.4-11.6 (Vectors)
11	23 rd March	Chapter 12.1-12.2 (Differentiation)

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

