

St. John's Senior School



Subject: Mathematics (Statistics and Mechanics)
Teacher: Mr D. Hu

Form: U6
Term: Autumn 2023

WEEK	WEEK BEGINNING	TOPIC
1	4 th September	AS Content Review/Re-cap; Conditional Probability and Bayes' Theorem
2	11 th September	Conditional Probability and Bayes' Theorem
3	18 th September	Regression and Correlation
4	25 th September	Regression and Correlation
5	2 nd October	MINI-TEST
6	9 th October	Normal Distribution
7	16 th October	Normal Distribution
HALF - TERM		
8	30 th October	Hypothesis Testing for Zero Correlation
9	6 th November	Hypothesis Testing with the Normal Distribution
10	13 th November	Normal Approximation to the Binomial Distribution
11	20 th November	Statistics Revision
12	27 th November	Mechanics Revision; Projectiles and Kinematics

13	4 th December	Projectiles and Kinematics
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Term: Spring 2024

WEEK	WEEK BEGINNING	TOPIC
1	3 rd January (Wednesday)	MOCK EXAMINATIONS
2	8 th January	MOCK EXAMINATIONS
3	15 th January	Statistics/Mechanics Summary & Revision
4	22 nd January	Projectiles and Kinematics
5	29 th January	Moments
6	5 th February	Moments
HALF - TERM		
7	19 th February	Forces, Friction and Applications
8	26 th February	Forces, Friction and Applications
9	4 th March	Combined Mechanics Problems
10	11 th March	Combined Mechanics Problems
11	18 th March	Mechanics Revision

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WEEK	WEEK BEGINNING	TOPIC
1	16 th April (Tuesday)	Revision and Exam Practise
2	22 nd April	Revision and Exam Practise
3	29 th April	Revision and Exam Practise
4	7 th May	Revision and Exam Practise
5	13 th May	<i>Study Leave</i>
6	20 th May	Examinations
HALF - TERM		
7	3 rd June	Examinations
8	10 th June	Examinations
9	17 th June	Examinations
10	24 th June	Examinations
11	1 st July	End of examinations

