St. John's Senior School

Subject: Mathematics (Statistics and Mechanics)   **Form: L6**
Teacher: Mr D. Hu   **Term: Autumn 2023**

WEEK	WEEK BEGINNING	TOPIC
1	4th September	Data Collection
2	11th September	Data Collection and Summary Statistics
3	18th September	Measures of Location and Spread
4	25th September	Representations of Data
5	2nd October	**MINI-TEST**
6	9th October	Probability
7	16th October	Probability
		HALF - TERM
8	30th October	Correlation and Linear Regression
9	6th November	Correlation and Linear Regression
10	13th November	Statistical Distributions
11	20th November	Statistical Distributions
12	27th November	Hypothesis Testing

13	4th December	Hypothesis Testing (End of Term Revision)

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WEEK	WEEK BEGINNING	TOPIC
1	3rd January (Wednesday)	**MOCK EXAMINATIONS**
2	8th January	**MOCK EXAMINATIONS**
3	15th January	Statistics Summary & Revision
4	22nd January	Modelling in Mechanics
5	29th January	Constant Acceleration and SUVAT Equations
6	5th February	Constant Acceleration and SUVAT Equations
		HALF - TERM
7	19th February	Forces and Motion
8	26th February	Forces and Motion
9	4th March	Forces and Motion/Variable Acceleration
10	11th March	Variable Acceleration
11	18th March	Variable Acceleration

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WEEK	WEEK BEGINNING	TOPIC
1	16th April (Tuesday)	Revision
2	22nd April	Revision
3	29th April	Revision
4	7th May	Revision
5	13th May	Revision and Exam Practise
6	20th May	Revision and Exam Practise
HALF - TERM		
7	3rd June	**LOWER 6th END OF TERM EXAMINATIONS**
8	10th June	Re-cap/Review
9	17th June	Re-cap/Review
10	24th June	A2 Topics (Introduction to Bayes' Theorem)
11	1st July	A2 Topics (Introduction to Further Mechanics)