St. John's Senior School

Subject: Mathematics (Statistics and Mechanics) **Form: L6**
Teacher: Mrs Charalampopoulou **Term: Autumn 2025**

WEEK	WEEK BEGINNING	TOPIC
1	8rd September (Tuesday)	Data Collection - Modelling in Mechanics
2	15th September	Data Collection and Summary Statistics - Modelling in Mechanics
3	29th September	Measures of Location and Spread - Constant Acceleration and SUVAT Equations
4	6th Octoberr	**MINI TEST**
5	13th October	Measures of Location and Spread - Vertical motion under gravity
6	20th October	Representations of data - Vertical motion under gravity
		HALF - TERM
7	3rd November	Representations of data - Forces and Motion
8	10th November	Correlation - Forces and Motion
9	17th November	Correlation and Linear Regression - Connected particles
10	24th November	Correlation and Linear Regression - Connected particles
11	18th November	Probability - Pulleys
12	1st December	Probability - Pulleys

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WEEK	WEEK BEGINNING	TOPIC
1	5th January	**MOCK EXAMINATIONS**
2	12th January	Exam re-cap
3	19th January	Statistical distributions - Forces and motion
3	26th January	Statistical distributions - Forces and motion
4	2nd February	Statistical distributions - Forces and motion
5	9th February	Hypothesis Testing
6	10th February	Hypothesis Testing
		HALF - TERM
7	23th February	Hypothesis Testing
8	2rd March	Hypothesis Testing
9	9th March	Statistics revision - Variable Acceleration
10	16th March	Statistics revision -Variable Acceleration

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WEEK	WEEK BEGINNING	TOPIC
1	20th April	Mechanics Revision
2	27th April	Regression, correlation - Mechanics Revision and practice sections
3	5th May	Regression, correlation - Mechanics Revision and practice sections
4	11th May	Revision and practice sections
5	18th May	**LOWER 6th END OF TERM EXAMINATIONS**
		HALF - TERM
6	1th June	Examinations
7	8th June	Exam re-cap
8	15th June	A2- Moments
9	22nd June	A2- Moments
10	29th July	A2- Moments revision