

## YEAR 11 MATHEMATICS A WORK PLAN: Semester 2, 2017 – Mrs Jennings & Mr Telleman



UNIT	TERM 3 TOPICS	ASSESSMENT	DUE DATE
1	<b>Elements of Applied Geometry II</b> 6A Latitude longitude; 6B Position on the globe; 6C Time Zones <b>Managing Money</b> 3F Exchange Rates	<b>Assignment 2.2 on World Travel</b>	<b>Week 2 Hand out:</b> Mon 17 Jul <b>Week 3: Monitoring</b>
2	<b>Data Collection and Presentation II</b> 10A Calculating and interpreting the mean; 10B Mean, from frequency distribution tables; 10C Mean, from grouped data; 10D Median and mode; 10E Best summary statistics; 10F Range and interquartile range; 10G Standard deviation; 10H Comparing sets of data <b>Scatterplots</b> 11A Scatterplots; 11B Regression lines	<b>Exam 2.1a</b> (90mins) (Unit 1) <b>Exam 2.1b</b> (90mins) (Unit 2)	<b>Week 5</b> Due: Fri 11 Aug    <b>Week 9/10</b> <b>Exam Block</b> End of Term Date TBA
3	<b>Probability</b> 12A Chance; 12B Sample Space; 12C Tree Diagrams; 12D Equally Likely Outcomes; 12E Counting Principle; 12F Relative Frequency; 12G Single Events; 12H Probability of Events as Decimals/Percentages; 12I Range of Probabilities; 12J Complementary Events		
4	<b>Managing Money II(b)</b> Simple and compound interest, compounding periods, effective and nominal rates (Teacher Notes and handouts)	<b>Exam 2.3a</b> (90mins) (Unit 3) <b>Exam 2.3b</b> (90mins) (Unit 4)	<b>Week 8</b> <b>Exam Block</b>

This work plan was last updated on Tuesday, 18 July 2017. The contents are subject to change – students will be advised in advance of any changes - regularly check for updates.