



## YEAR 11 PREVOCATIONAL MATHEMATICS WORK PLAN: Semester 2, 2017 - Mrs Jennings

UNIT	TERM 3 TOPICS	ASSESSMENT	DUE DATE
1	<b>Elements of Applied Geometry II</b> (3 weeks) 6A Latitude longitude; 6B Position on the globe; 6C Time Zones <b>Managing Money</b> 3F Exchange Rates	<b>2.1</b> Oral Presentation World Travel (Unit 1)	<b>Week 2</b> <b>Hand out: Mon 7 Jul</b> <b>Week 3: Monitoring</b>
2	<b>Data Collection and Presentation II</b> (5 weeks) 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 11A Scatterplots;	<b>2.2</b> End of Term 3 Exam (Unit 2) (open book)	<b>Week 6</b> <b>Due:</b> Wed 16 Aug  <b>Week 9/10</b> <b>Exam Block</b> <b>Date TBA</b>
UNIT	TERM 4 TOPICS	ASSESSMENT	DUE DATE
3	<b>Probability</b> (4 weeks) 12A Chance; 12B Sample Space; 12C Tree Diagrams; 12D Equally Likely Outcomes; 12E Counting Principle; 12F Relative Frequency; 12G Single Events;	<b>2.3</b> Investigation Games of Chance (Unit 3)	<b>Week 2</b> <b>Hand out: Mon 9<sup>th</sup> Oct</b> <b>Week 3: Monitoring</b>
4	<b>Managing Money II(b)</b> (3 weeks) Simple and compound interest, compounding periods, effective and nominal rates (Teacher Notes and handouts)	<b>2.4</b> Project Interest Rates (Unit 4)	<b>Week 5</b> <b>Due:</b> Mon 30 <sup>th</sup> Oct  <b>Week 5: Hand out</b> Fri 3 <sup>rd</sup> Nov <b>Week 7: Monitoring</b>  <b>Week 8:</b> <b>Due:</b> Wed 22 <sup>nd</sup> Nov

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.