YEAR 11 MATHEMATICS A WORK PLAN: Semester 1, 2017 – Mrs Jennings, Mr Telleman

UNIT	TERM 1 TOPICS	ASSESSMENT	DUE DATE
1	**Elements of Applied Geometry** **a) Right-angled triangles – Chapter 5 (3 wks)** Pythagoras Theorem 5A;Similar Triangles 5B; Right-angle Trigonometry 5C → 5E; Angles of Depression & Elevation 5F **b) Area and Volume – Chapter 4 (3 wks)** Perimeter 4A;Area & Area Applications 4B; Surface Area 4C; Volume & Volume applications 4D	Exam 1.1a (Unit 1a) (45 min)	**Week 4** Tue 14th Feb KJE P1, RTE P3
2	**Managing Money – Chapter 3 (2 wks)** Discounts 3A; Profit and Loss 3.B; Budgeting 3C; Credit Cards	Exam 1.1b (Unit 1b & 2) (90 min)	**Week 9** Wednesday March 22nd Lessons 5 & 6
UNIT	**TERM 2 TOPICS**	**ASSESSMENT**	**DUE DATE**
3	**Data Collection & Presentation I Chapter 9 (3 wks)** Types of Data 9A; Collecting Data 9B; Organising and Displaying Data 9C; Methods of misrepresenting data 9D; Histograms & Frequency Polygons 9E; Stem-and-leaf plots 9F; Five-number summaries and boxplots 9G	ASSIGNMENT 1.2	Hand out: **Week 4** Mon 8th May KJE P3, RTE P6
4	**Managing Money - Chapter 1 (3 wks)** Calculating Salary 1A; Calculating Wages 1B; Commission & Royalties 1C;Payment by Piece 1D, Overtime 1E; Additions to and deductions from gross pay 1F; Calculating tax 2D		Monitor: **Week 6** **Due: Week 8** Thu 8th June KJE P6, RTE P4
5	**Linking 2 & 3 Dimensions 1 Chapter 7 (3 wks)** Scale drawing 7A; Building Plans 7B; Bracing 7F Preparing & using scale drawings; Levels Provided in booklet (5.2 & 12.2)	End of Term Exam 1.3 (Units 3, 4, 5) (90 min)	**Exam Block**

This work plan was last updated on Friday, 17 March 2017. The contents are subject to change – students will be advised in advance of any changes - regularly check for updates.