

YEAR 8 MATHEMATICS WORKPLAN: Semester 2, 2017 – Mr Miller-Metzner, Mr Bindley, Mr. Telleman, Mr Mooney



UNIT	TERM 3 TOPICS	ASSESSMENT	DUE DATE
8.5	MEASUREMENT Part 2 (1 week: Ex5.8) Time, Rainwater Tanks Application	8.5 Real-Life Task: Measurement – Water Tanks Handout task Beginning Week 1	In class task Week 2 8A, 8B: Thurs 20 July 8C, 8D Fri 21 July
8.6	RATIO AND RATE (4 weeks : Pearson 4.1 – 4.7, ‘Human Ratios’ Activity p 214) Writing ratios; Simplifying ratios; Unit ratio and scale factors; Using ratios to find amounts; Scale drawings; Sharing amounts in a given ratio; Rates	8.6 Exam: Chapter 4	Week 6 8A, 8B: Thurs 17 Aug 8C, 8D Fri 18 Aug
8.7	LINEAR EQUATIONS and GRAPHS (4 weeks : Pearson 7.1 – 7.5; 6.1 – 6.4) The language of equations; Solving linear equations; Solving more complex equations; Solving equations where the unknown appears on both sides; Solving problems using equations; Interpreting line graphs; Linear relationships; Finding the rule; Using linear relationships	8.7 Exam: Chapter 6 and 7	Week 10 TBC
UNIT	TERM 4 TOPICS	ASSESSMENT	DUE DATE
8.8	GEOMETRY (3 weeks : Pearson 8.1 – 8.5) Angles review; Shapes review; Congruence and transformation; Congruent triangles; Congruence and transformation	8.8 Exam: Chapter 8	Week 4 8A, 8B: Thurs 26 Oct 8C, 8D Fri 27 Oct
8.9	STATISTICS AND PROBABILITY (4 weeks : Pearson 9.1 – 9.7) Population sampling; Using sample measures of centre and spread; Frequency tables and graphs; Statistics from grouped data; Understanding probability; Theoretical probability for single step experiments; Venn diagrams and two-way tables	8.9 Exam: Chapter 9	Week 8/9 Exam Block

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