



Stage 1 Essential Maths: Semester One Overview 2018

Weeks	Topic	Assessment Task
Term 1 1 – 8	<u>Calculations, time, and ratio</u> <ul style="list-style-type: none"> • Calculations • Time and rates • Ratio and scale 	<p>SAT ONE:</p> <p>Section 1: Basic number operations without technology</p> <p>Section 2: Using rounding techniques to estimate arithmetic calculations</p> <p>Section 3: Calculations using decimal numbers without technology</p> <p>Section 4: Time conversions and calculation of time lapsed</p> <p>Section 5: Use of unit price to make comparisons between products</p> <p>Section 6: Ratio.</p> <p>(Completed over weeks 2-8)</p> <p>- 30%</p> <p>FOLIO ONE: Two scaled designs are constructed and justification of which is the better design is included in the individual response. (T1, Wk 8)</p> <p>- 20%</p>
Term 1/2 9 – 2	<u>Earning and spending</u> <ul style="list-style-type: none"> • Earning • Spending • Budgeting 	<p>FOLIO TWO: Students investigate two or three scenarios about earning income by taking pizza orders. They determine which earning option is best – payment by hour or piece work, and may also consider payment by commission. Students discuss which of the earning options would be better under different circumstances. The assessment of CT4 will include the appropriate use of spreadsheets in representing mathematical information with appropriate notation. (T1, Wk 11)</p> <p>- 30%</p>
3 – 7	<u>Geometry</u> <ul style="list-style-type: none"> • Shapes • Angle geometry 	<p>SAT TWO: Students apply their knowledge and skills to a range of routine and complex questions in problems based</p>



	<ul style="list-style-type: none"> Geometry and construction 	<p>on trade relevant contexts. This SAT will have two parts:</p> <p>Part A: Non-calculator section (30 Minutes) and Part B: Calculator section (20 minutes)</p> <p>Clear and logical communication of solutions and correct use of notation and terminology are required. (T2, Wk 7)</p> <p>- 20%</p>
8	REVISION	
9	EXAM	