Stage 2 Essential Mathematics 2020

Teacher: Kathy Keenan

Weeks	Topic	Summative Assessments
Term 1 **1-5**	**Scales, Plans and Models** - 2D Shapes and their properties - 3D Shapes and their properties - Scaled Diagrams - Reading and Interpreting Scaled Diagrams - Bearings	**Scales, Plans and Models SAT #1** Wednesday 28th February
6-11	**Measurement** - Conversion between units - Perimeter of composite shapes - Rearrange formula - Pythagoras Theorem - Trigonometry - Sine Rule - Cosine Rule - Area of composite shapes - Surface area of composite shapes - Volume	**Measurement SAT #2** Wednesday 3rd April **Scales, Plans and Models and Measurement Investigation** Due 19th March
Term 2 **1-6**	**Business Applications** - Location of premises - Cost of business premises - Discount - GST - Depreciation - Work Cover/Insurance - Break-even - Profit and Loss Statements	**Business Applications SAT #3** Wednesday 29th May
Term 2 **7-10** **Term 3** **1-3**	**Statistics** - Sampling methods - Sample Size - Bias - Measures of central tendency - Measures of central spread - Outliers - Stem & Leaf Plots - Box and Whisker plots - Pearson's Correlation Coefficient - Linear regression	**Statistics Investigation** Due Tuesday 30th July
Term 3 **4-10**	**Investments and Loans** - Simple Interest - Inflation and taxation - Future-value annuities - Present-value annuities - Loan Calculations	**Investments and Loans SAT #4** Wednesday 11th September **Investments and Loans Investigation** Due Wednesday 25th September
Term 4	**Revision**	
Exam		

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