



Course Information

Mathematics

Mathematics Essentials | MAE







GTMAE

Unit 3 Measurement, scales, plans and models, graphs and data collection

This unit provides you with the mathematical skills and understanding to solve problems related to measurement, scales, plans and models, drawing and interpreting graphs and data collection. You will use the mathematical thinking process and apply the statistical investigation process. You will also apply the content of the four topics in this unit: Measurement; scales, plans and models; graphs in practical situations; and data collection, in a context which is meaningful and of interest to you. The number formats for the unit are positive and negative numbers, decimals, fractions, percentages, rates, ratios, square and cubic numbers written with powers and square roots.

Unit 4 Probability, earth geometry, time zones, loans and compound interest

This unit provides you with the mathematical skills and understanding to solve problems related to probability, earth geometry and time zones, loans and compound interest. You will use the mathematical thinking process and apply the statistical investigation process to solve problems involving probability. You will also apply the content of the three topics in this unit: probability and relative frequencies; earth geometry and time zones; and loans and compound interest, in a context which is meaningful and of interest to you. Possible contexts for this unit are finance, and travel. The number formats for the unit are positive and negative numbers, decimals, fractions, percentages, rates, ratios and numbers expressed with integer powers.

 <p>Prerequisites Must have successfully completed Math Essentials Unit 1/2 Must be in OLNA category 3</p>	 <p>Year of Study Year 12</p>	 <p>Type of Assessment 40% Response 22% Practical Applications 23% Statistical Investigation Process 15% EST Examination Task</p>	 <p>Costs Unit Pair \$40</p>
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