



What is Mathematics Essential General?

In the Mathematics Essential General course, students will encounter opportunities for problem solving, such as finding the interest on a sum of money to enable comparison between different types of loans. They will develop skills in analysing information represented through graphs, tables and other statistical representations to make informed decisions. The ability to transfer mathematical skills between contexts is a vital part of learning in this course. For example, familiarity with the concept of a rate enables students to solve a wide range of practical problems, such as fuel consumption, travel times, interest payments, taxation, and population growth.

How will Mathematics Essential General help me in the future?

The Mathematics Essential General course focuses on enabling students to use mathematics effectively, efficiently and critically to make informed decisions in their daily lives. It provides students with the mathematical knowledge, skills and understanding to solve problems in real contexts for a range of workplace, personal, further learning and community settings. This course offers students the opportunity to prepare for post-school options of employment and further training.

What content will I study in Year 11 and Year 12?

Year 11	
<p>Mathematics Essential General Unit 1</p> <p><i>This unit provides students with the mathematical skills and understanding to solve problems relating to calculations, applications of measurement, the use of formulas to find an unknown quantity and the interpretation of graphs.</i></p>	<p>Mathematics Essential General Unit 2</p> <p><i>This unit provides students with the mathematical skills and understanding to solve problems related to representing and comparing data, percentages, rates and ratios and time and motion.</i></p>
Year 12	
<p>Mathematics Essential General Unit 3:</p> <p><i>This unit provides students with the mathematical skills and understanding to solve problems related to measurement, scales, plans and models, drawing and interpreting graphs and data collection.</i></p>	<p>Mathematics Essential General Unit 4:</p> <p><i>This unit provides students with the mathematical skills and understanding to solve problems related to probability, earth geometry and time zones, loans and compound interest.</i></p>

Where can I find out more about Mathematics Essential General?

https://senior-secondary.scsa.wa.edu.au/_data/assets/pdf_file/0005/1005890/Mathematics-Essential-Y11-General-Syllabus-MSA.pdf

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