

Stage 6 Mathematics syllabus links

This document is part of the [Stage 6 Literacy in context – Writing](#) resource. It outlines the suggested [Stage 6 Mathematics syllabus](#) outcomes linked to the resource activities.

Board developed courses are listed first, followed by the board developed life skills courses and content endorsed courses.

Mathematics Standard

Outcomes

A student:

- justifies a response to a given problem using appropriate mathematical terminology and/or calculations **MS11-10**
- uses mathematical argument and reasoning to evaluate conclusions, communicating a position clearly to others **MS1-12-10**
- uses mathematical argument and reasoning to evaluate conclusions, communicating a position clearly to others and justifying a response **MS2-12-10**

Mathematics Advanced

Outcomes

A student:

- provides reasoning to support conclusions which are appropriate to the context **MA11-9**
- constructs arguments to prove and justify results and provides reasoning to support conclusions which are appropriate to the context **MA12-10**

Mathematics Extension 1

Outcomes

A student:

- communicates making comprehensive use of mathematical language, notation, diagrams and graphs **ME11-7**
- evaluates and justifies conclusions, communicating a position clearly in appropriate mathematical forms **ME12-7**

Mathematics Extension 2

Outcome

A student:

- communicates and justifies abstract ideas and relationships using appropriate language, notation and logical argument **MEX12-8**

Mathematics Life Skills

Outcomes

A student:

- explores mathematical concepts, reasoning and language to solve problems **MALS6-1**
- communicates mathematical ideas and relationships using a variety of strategies **MALS6-14**

Numeracy Pilot

Numerical reasoning and mathematical thinking involves questioning, communicating, reasoning and reflecting and promotes students' ability to generalise, challenge, find connections and think critically and creatively.