

Downloaded from

<https://k10outline.scsa.wa.edu.au/home/teaching/curriculum-browser/mathematics-v8/year-10a-syllabus> on 22/07/2024
check website for latest version.



School Curriculum
and Standards
Authority

The Authority

Kindergarten to Year 10

Years 11 and 12

Student

 Extranet Login

[Home](#)

[Principles](#) ▾

[Teaching](#) ▾

[Assessing](#) ▾

[Policy](#) ▾

[Re](#)

You are here > [K-10 Outline](#) > [Teaching](#) > [Western Australian Curri](#)

Year 10A SyllabusTest

[Download Curriculum as PDF](#)

Filters



Show/Hide Curriculum

- ☒ Year level descriptors
- ☒ Content Descriptions
- ☒ Achievements Standards
- ☒ Icons

Year Levels

- ☒ Select All

Strands

- ☒ Select All
- ☒ Statistics and Probability
- ☒ Measurement and Geometry
- ☒ Number and Algebra

General Capabilities



- ☒ Select All
- ☒ Literacy
- ☒ Numeracy
- ☒ Information and Communication Technology (ICT) capability

Year 10A Syl



Number and Algebra

REAL NUMBERS

Define rational and irrational numbers , perform operations surds and fractiona indices [\(ACMNA264](#)

-  Numeracy
-  Critical and creativ thinking

Use the definition o logarithm to establi and apply the laws logarithms [\(ACMNA](#)

-  Numeracy
-  Critical and creativ thinking


PATTERNS AND ALGEBI

Investigate the con

- ✔ Critical and creative thinking
 - ✔ Personal and social capability
 - ✔ Ethical understanding
 - ✔ Intercultural understanding
-

of a polynomial and apply the factor and remainder theorem solve problems
[\(ACMNA266\)](#)


 Numeracy

 Critical and creative thinking

LINEAR AND NON-LINE RELATIONSHIPS


Describe, interpret sketch parabolas, hyperbolas, circles exponential function and their transformations
[\(ACMNA267\)](#)

 Numeracy

 Critical and creative thinking


Solve simple exponential equations [\(ACMNA2](#)

 Numeracy

 Critical and creative thinking


Apply understanding of polynomials to sketch a range of curves and describe the features of these curves from their equation ([ACMNA269](#))

 Numeracy

 Critical and creative thinking

Factorise monic and non-monic quadratic expressions and solve a wide range of quadratic equations derived from a variety of contexts ([ACMNA269](#))

 Numeracy

 Critical and creative thinking

Achievement standard

To be developed using through paired comparison

[Principles](#)

[Teaching](#)

[Assessing](#)

[Policy](#)

[Resources](#)

Subscribe to our monthly K–10 Circular

wa.gov.au 