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School Curriculum
and Standards
Authority

The Authority

Kindergarten to Year 10

Years 11 and 12

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Year 10A SyllabusTest

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- Year level descriptors
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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 fractional indices [\(ACMNA264\)](#)

 Numeracy

 Critical and creative thinking

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

 Numeracy

 Critical and creative thinking


PATTERNS AND ALGEBRA

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-LINEAR RELATIONSHIPS


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

 Numeracy

 Critical and creative thinking


Solve simple exponential equations [\(ACMNA268\)](#)

 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 ([ACMNA268](#))

 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 through paired comparison

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