

Summary of changes to the Western Australian Curriculum: Mathematics Pre-primary to Year 6

Overall

The Western Australian Curriculum: Mathematics was originally adopted from the Australian Curriculum version 8.1 (2018).

The Mathematics curriculum has been adapted from the current Western Australian Curriculum, the New South Wales Curriculum and Australian Curriculum version 9, and has been contextualised for the *Western Australian Curriculum and Assessment Outline*. The content has been clarified and exemplified to support teachers in planning for teaching, learning and assessment.

General

- Content has been reorganised to show a developmental progression between the year levels, and between primary and secondary Mathematics.
- Examples have been added to clarify content descriptions, support teacher understanding and provide contexts for teaching. These are not mandated.

Sub-strands – renamed and reorganised

Number and algebra

Content has been reorganised into renamed sub-strands to provide a developmental sequence across Pre-primary to Year 10 (P–10).

- **Number and place value** renamed and reorganised under **Understanding number** and **Understanding equalities and inequalities**
- **Fractions and decimals** reorganised under **Understanding number**
- **Calculating with number** is a new sub-strand incorporating existing content from **Number and place value** and **Fractions and decimals**
- **Patterns and algebra** renamed **Patterns and relationships**
- **Money and financial mathematics** renamed **Financial mathematics**
- **Modelling with number** is a new sub-strand

Measurement and geometry

Content has been reorganised into renamed sub-strands to facilitate connections between measurement and geometry and to provide a developmental sequence across P–10.

- **Two-dimensional space and structures** includes 2D shapes, transformation, location, length, area and angles
- **Three-dimensional space and structures** includes 3D objects, capacity and volume
- **Non-spatial measurement** includes mass and time
- **Modelling with measurement and geometry** is a new sub-strand (Years 4–6 only)

Probability and statistics

Content has been reorganised into renamed sub-strands to facilitate connections between probability and statistics and to provide a developmental sequence across P–10.

- **Chance** and **Data presentation and interpretation** have been reorganised and renamed **Probability and Statistics**

Content changes

Key content changes have been identified below. Teachers **must** consult the curriculum for a comprehensive understanding of changes.

- Content descriptions have been rewritten to include proficiencies of Understanding, Fluency, Problem-solving and Reasoning

New content

- Financial literacy component is included in Financial mathematics, across Pre-primary to Year 6
- Probability, Pre-primary
- Line graphs, Years 5 and 6

Reorganised content

- Number and place value, Year 1 to Year 5
- Addition and subtraction, Year 2 to Year 6
- Multiplication, Year 1 to Year 4
- Estimation, Year 3 to Year 6
- Fractions, Years 4 and 5
- Percentages, Years 5 and 6
- Patterns, Pre-primary to Year 6
- Australian coins and notes, Years 1 and 2
- Three-dimensional objects, Pre-primary to Year 5
- Transformations, Year 2 to Year 6
- Perimeter, Years 4 and 5
- Area, Year 2 to Year 4
- Volume, Year 2 to Year 6
- Grid maps, Years 3 and 4
- Cartesian plane, Year 6
- Time, Year 1 to Year 3
- Data displays, Year 2 to Year 6

Year level descriptions

- Inclusion of phases of schooling information to provide teachers with guidance about the sorts of curriculum experiences likely to support children and students at each phase
- Updated to align with the revised content descriptions

Achievement standards

- Revised to align with content descriptions
- Reference to students demonstrating the behaviours of the proficiencies in conjunction with year level content in routine situations included
- Reference to selecting and using year level content to mathematically model, represent and solve real-world situations included
- Language change from 'At standard' to 'By the end of the year', as the curriculum content is taught over the course of one year