

Downloaded from

<https://k10outline.scsa.wa.edu.au/home/teaching/curriculum-browser/mathematics-v8/pre-primary-year> 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](#)

# Pre-primary year SyllabusTest

[Download Curriculum as PDF](#)

**Year Level Description**

## 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

## Pre-primary

### Year Level Descriptions

The proficiency strands of **reasoning** are an integral part of the mathematics curriculum. The strands are: number and algebra, measurement and geometry, statistics and probability. The proficiency strands provide the language for describing mathematical concepts and processes in mathematics. The strands are used to describe the proficiencies.

At this year level:

- **understanding**
- **fluency** includes comparing the level of understanding
- **problem-solving** involves using mathematical objects, using formal mathematical language to discuss the results of problem-solving
- **reasoning** includes explaining processes

## Number and algebra

### NUMBER AND PLACE VALUE

Establish understanding of

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

of the language and processes of counting, naming numbers in sequences, initially and from 20, moving from any starting point [\(ACMNA001\)](#)

 Literacy

 Numeracy

Connect number names, numerals and quantities, including zero, initially up to 10 and then beyond [\(ACMNA002\)](#)

 Literacy

 Numeracy


Subitise small collections of objects [\(ACMNA003\)](#)

 Numeracy

Compare, order and make correspondences between collections, initially to 20, and explain reasoning [\(ACMNA289\)](#)

 Literacy

 Numeracy

 Critical and creative thinking

Represent practical situations to model addition and subtraction [\(ACMNA004\)](#)


 Numeracy

## PATTERNS AND ALGEBRA

Sort and classify familiar objects and explain the basis for these classifications. Copy, continue and create patterns with objects and drawings [\(ACMNA005\)](#)

 Literacy

 Numeracy

 Critical and creative thinking

---

Pre-primary Activities

## Number and Algebra

At Standard, students make connections between

## Measurement and Geometry

Students compare (and duration of everyday group objects based Students use appropriate

## Statistics and Probability

Students answer simple inferences.

The proficiency strands **understanding, fluency, problem-solving** content across the three content strands: number and algebra, proficiencies reinforce the significance of working mathematically or developed. They provide the language to build in the development achievement standards reflect the content and encompass the

At this year level:

- **understanding** includes connecting names, numerals and quantities
- **fluency** includes readily counting numbers in sequences, comparing
- **problem-solving** includes using materials to model authentic to solve unfamiliar problems and discussing the reasonableness
- **reasoning** includes explaining comparisons of quantities, creating of length

[Principles](#)

[Teaching](#)

[Assessing](#)

[Policy](#)

[Resources](#)

**Subscribe to our monthly K–10 Circular**

