



**Australian Government**

# **CHCEDS019 Support students' mathematics learning**

**Release: 1**

## CHCEDS019 Support students' mathematics learning

### Modification History

Release	Comments
Release 1	<p>This version was released in <i>CHC Community Services Training Package release 1.0</i> and meets the requirements of the New Standards for Training Packages.</p> <p>Significant changes to elements and performance criteria. New evidence requirements for assessment.</p>

## Application

This unit describes the skills and knowledge required by education support workers to work with teachers to support students in pre-primary, primary and secondary to develop mathematics skills in number and algebra, measurements and geometry, and statistics and probability as included in current curriculum documents.

The unit provides skills and knowledge to enable education support workers to work with the teacher to develop resources to reinforce mathematics skills for across the curriculum and to support students in their development of skills.

This unit applies to education support work in a variety of contexts and the work is to be undertaken with appropriate guidance, support and supervision by a nominated teacher or other education professional.

*No licensing, legislative or certification requirements apply to this unit at the time of publication.*

## Elements and Performance Criteria

### ELEMENT

### PERFORMANCE CRITERIA

*Elements define the essential outcomes.*

*Performance criteria specify the level of performance needed to demonstrate achievement of the element.*

1. Facilitate application of mathematics skills for numeracy

1.1 Identify concept strands of mathematics included in current curriculum documents

1.2 Explore and explain a variety of numeracy demands and opportunities in daily life

1.3 Demonstrate the different functions of mathematics using activities and examples

1.4 Monitor students' understanding and use of mathematics through observation, listening and conversation, and provide information to teachers to inform planning

1.5 Identify factors affecting acquisition of mathematics skills for numeracy and discuss with the teacher/s

2. Support students to develop mathematics skills for numerate understanding

2.1 Determine strategies for supporting students in the application of mathematics skills in consultation with the teacher/s

2.2 Implement planned strategies, including learning environments, activities and resources to enhance the

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abilities of students and address their individual needs

2.3 Encourage students to problem-solve using mathematics knowledge and skills in everyday life contexts

2.4 Use explicit talk to focus students on specific mathematics knowledge and skills

3. Enhance students' mathematics knowledge and skills through structured activities

3.1 Use accurate mathematics terminology and concepts, as planned with teacher/s, to support students' learning

3.2 Encourage students to improve mental computation and calculation skills using strategies appropriate to students' developmental levels

3.3 Ensure students check for reasonableness of solutions when calculating, using a range of strategies including estimating and technology

3.4 Encourage students and build their confidence to attempt problem-solving that requires the use of mathematics knowledge and skills

**Foundation Skills**

*The foundation skills described those required skills (language, literacy and numeracy) that are essential to performance.*

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

**Unit Mapping Information**

No equivalent unit.

**Links**

Companion volumes are available from the CS&HISC website - <http://www.cshisc.com.au/>