

# Prep Mathematics

## Achievement

By the end of the Prep year, students make connections between number names, numerals and quantities up to 10. They compare objects using mass, length and capacity. Students connect events and the days of the week. They explain the order and duration of events. They use appropriate language to describe location.

Students count to and from 20 and order small collections. They group objects based on common characteristics and sort shapes and objects. Students answer simple questions to collect information and make simple inferences.

## Assessable Elements

An overall level of achievement in this subject is determined by the teacher's on-balance judgment of the evidence presented in students' summative assessment across the following:

- Number and algebra
- Measurement and geometry
- Statistics and probability

## Delivery (mode, time requirements, lessons)

Under the guidance of the Home Tutor, students complete the sequence of lessons within each of the four Mathematics Units. Work returns, including Assessment Tasks, are submitted via QLearn in accordance with the Work Rate Calendar. Course materials can be accessed via the Learning Management System. Students have access to a 30 minute scheduled Prep lesson each week. This lesson will include explorations of selected concepts within the Mathematics units.

## Student Requirements

Computer, internet access, HT and student email, printer, scanner, stationery, counters, whiteboard and whiteboard markers.

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Units, Learning Experiences and Summative Assessment		
<b>Semester 1</b>	<b>Term 1 and 2</b>	<p><b>Unit 2</b> Number and place value, Patterns and algebra, Using units of measurement, Location and direction.</p>
		<p><b>Summative Assessment:</b></p> <ul style="list-style-type: none"> <li>• Students sort shapes and objects</li> <li>• Students will position and locate objects from descriptions, observe changes in movement and describe movement.</li> </ul>
<b>Semester 2</b>	<b>Term 3</b>	<p><b>Unit 3</b> Number and place value, Patterns and algebra, Using units of measurement, Data representation and interpretation.</p>
		<p><b>Summative Assessment:</b></p> <ul style="list-style-type: none"> <li>• Students answer simple questions to collect information and make simple inferences</li> <li>• Students connect events and days of the week, and explain the order and duration of events.</li> </ul>
	<b>Term 4</b>	<p><b>Unit 4</b> Number and place value, Using units of measurement, Location and transformation.</p>
		<p><b>Summative Assessment:</b></p> <ul style="list-style-type: none"> <li>• Students connect number names, numerals and quantities up to 10 and count to and from 20</li> <li>• Students compare objects directly and indirectly using mass, length and capacity.</li> </ul>

**Disclaimer** All of the above information is accurate at the time of development.