Year 1 Mathematics

Achievement Standard

By the end of Year 1, students connect number names, numerals and quantities, and order numbers to at least 120. They demonstrate how one- and two-digit numbers can be partitioned in different ways and that two-digit numbers can be partitioned into tens and ones. Students partition collections into equal groups and skip count in twos, fives or tens to quantify collections to at least 120. They solve problems involving addition and subtraction of numbers to 20 and use mathematical modelling to solve practical problems involving addition, subtraction, equal sharing and grouping, using calculation strategies. Students use numbers, symbols and objects to create skip counting and repeating patterns, identifying the repeating unit.

They compare and order objects and events based on the attributes of length, mass, capacity and duration, communicating reasoning. Students measure the length of shapes and objects using uniform informal units. They make, compare and classify shapes and objects using obvious features. Students give and follow directions to move people and objects within a space.

They collect and record categorical data, create one-to-one displays, and compare and discuss the data using frequencies.

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:

- Fluency
- Problem Solving
- Reasoning
- Understanding

Delivery (mode, time requirements, lessons)

Students have access to scheduled lessons each week. Lessons are delivered via our Learning Management System. Students are also expected to undertake Home Tutor guided study to complete tasks and assessment in accordance with the Work Rate Calendar.

Student Requirements

Computer, internet access, email, printer, scanner, headset with microphone, stationery, resource list and SRS list.

Year 1 Mathematics

Units, Learning Experiences and Summative Assessment		
Semester 1	Term 1	**Unit 1** Students will build strong number foundations by counting in ones, twos, fives, and tens, reading and writing numbers to 30, partitioning numbers to 10, and using addition strategies like number lines and drawings. They will also explore time, money, measurement, shapes, and data collection, developing problem-solving skills through investigations and hands-on activities.
		Summative Assessment: • **Students will demonstrate their knowledge and understanding through a combination of hands-on investigations and tests throughout the term.**
	Term 2	**Unit 2** Students will extend their understanding of numbers by counting, ordering, and representing numbers to 100, developing strategies for addition and subtraction using think boards, doubles, near doubles, and turnarounds. They will also explore patterns, calendars, graphs, and positional language, building problem-solving skills through investigations, maths games, and hands-on activities.
		Summative Assessment: • Students will demonstrate their knowledge and understanding through a combination of hands-on investigations and tests throughout the term.
Semester 2	Term 3	**Unit 3** Students will deepen their place value knowledge by representing tens and ones, counting and ordering numbers to 150, and exploring how addition and subtraction are related. They will also investigate number patterns, ordinal language, measurement, data collection, and problem-solving strategies through investigations, games, and hands-on activities.
		Summative Assessment: • **Students will demonstrate their knowledge and understanding through a combination of hands-on investigations and tests throughout the term.**
	Term 4	**Unit 4** Students will explore equal groups, sharing, and working with money, while strengthening their understanding of partitioning, two-digit addition and subtraction, and measurement concepts. They will also investigate directions, seasons, data collection, and problem-solving through real-world contexts, games, and engaging investigations.
		Summative Assessment: • Students will demonstrate their knowledge and understanding through a combination of hands-on investigations and tests throughout the term.

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