

Grade One
Mathematics – Specific Learning Skills

Data Handling: Statistics and Probability					
Specific Skill Objective	T1	T2	T3	T4	Comment
Sorts objects into categories					
Interprets information from collected data					
Classifies objects according to simple criteria					
Groups objects by simple criteria					
Determines how data is sorted and grouped on a Venn Diagram					
Adds objects to teacher and class generated Venn Diagram					
Interprets information from collected data					
Explains how the information can be used					
Represents data as tally marks, lists					
Collects information to answer questions and interpret simple data displays					
Poses questions from information collected					
Creates a pictorial display using simple criteria					
Collects data to investigate particular situations					
Interprets, collects and represents data on a pictograph					
Interprets, collects and represents data on a block (bar) graph					
Classifies the likelihood of events					
Identifies possible outcomes					
Performs simple chance experiments					
Identifies events as likely or unlikely					
Identifies possible outcomes in a simple chance situation					
Measurement					
Specific Skill Objective	T1	T2	T3	T4	Comment
Compares the size, length, temperature of various objects					
Chooses appropriate words to describe various aspects of measurement					
Compares the length, mass, capacity, distance of various objects					
Estimates and measures the length, area, mass and capacity between various objects using informal units					
Identifies the appropriate attribute of measurement					
Identifies appropriate formal and informal units to measure lengths					
Estimates and measures the mass of various objects using balance scales					
Estimates and measures the capacity of various containers					
Identifies objects that measure more or less than one metre					

Writes the days of the week in order					
Sequences events according to times of the day					
Sequences the months of the year					
Identifies days and dates on a calendar					
Reads o'clock times on an analog clock					
Reads half past on an analog clock					
Reads quarter past on an analog clock					
Reads times on a digital clock					
Number					
Specific Skill Objective	T1	T2	T3	T4	Comment
Reads, writes and identifies numerals to 20.					
Reads, writes and identifies numerals between 10 and 100.					
Identifies numbers that come before and after a given number.					
Identifies numbers more than or less than a given number.					
Reads and matches ordinal and positional location of pictures in sequence.					
Identifies missing numbers on number lines.					
Counts and records numbers.					
Represents given amounts of objects.					
Identifies numbers represented by place value blocks.					
Represents given numbers using place value blocks.					
Writes the place value of two-digit numbers.					
Represents the place value of given numbers using illustrations.					
Orders numbers from smallest to largest.					
Counts forwards by 1s from a given number.					
Counts backwards by 1s from a given number.					
Counts forwards by 2s from a given number.					
Counts forwards by 5s from a given number.					
Counts forwards by 10s from a given number.					
Makes reasonable estimates of small groups of objects without counting.					
Checks estimates, and refine it if necessary, after counting.					
Describes what happens in an addition or subtraction calculation.					
Explains when an addition or subtraction equation is used.					
Recognises different terms for the meaning of					

the '+' sign.					
Identifies different terms for the meaning of the '+' sign.					
Recognises different terms for the meaning of the '-' sign.					
Solves addition facts to 10.					
Solves addition facts to 20.					
Uses diagrams to assist in doubling numbers.					
Solves subtraction facts from 10.					
Solves subtraction problems to 20.					
Solves addition problems using diagrams.					
Solves addition problems using diagrams and concrete materials.					
Uses the strategy of changing the order of numbers to solve addition problems.					
Uses the strategy of changing numbers to solve number problems.					
Solves subtraction problems using diagrams.					
Solves subtraction problems using a number line.					
Solves multiplication problems by grouping objects.					
Solves multiplication problems by grouping objects in rows.					
Solves division problems by sharing objects using diagrams.					
Understands the meaning of the term 'whole'.					
Understands the meaning of the term 'half'.					
Understands the meaning of the term 'quarter'.					
Estimates the reasonableness of answers					
Estimates answers using grouping strategies.					
Rounds one- and two-digit numbers to the nearest 10.					
Recognises features on a calculator.					
Solves simple addition problems using a calculator.					
Solves simple subtraction problems using a calculator.					
Pattern and Function					
Specific Skill Objective	T1	T2	T3	T4	Comment
Continues shape patterns					
Completes number patterns					
Continues and creates a 2-D shape pattern					
Makes, describes and continues repeating and sequential patterns					
Describes a rule for a sequential pattern					

Makes and describes a sequential pattern and established the rule					
Makes and describes a repeating pattern and describes the rule					
Identifies and completes number patterns using pictures					
Identifies and completes number patterns					
Completes number patterns using a number line					
Solves number sentences by identifying missing numbers					
Identifies different number sentences with the same answers					
Skip counts in 2's					
Skip counts in 5's					
Skip counts in 10's					
Identifies odd and even number patterns.					
Tells, explains and records number sentences using $<$, $>$, $=$					
Identifies patterns and rules for addition					
Writes equations partitioning numbers up to 10					
Recognises the relationships between addition and subtraction number sentences.					
Solves number sentences by identifying missing numbers					
Identifies different number sentences with the same answers					
Models, with manipulatives, the relationship between addition and subtraction					
Shape and Space					
Specific Skill Objective	T1	T2	T3	T4	Comment
Identifies and draws 2-D shapes according to features.					
Identifies 2-D shapes in real-life objects.					
Identifies different sized pentagons, hexagons and octagons.					
Identifies different-sized rhombuses and trapeziums					
Demonstrates how to draw parallel lines.					
Identifies 3-D shapes in real-life objects.					
Distinguishes between 2-D and 3-D shapes.					
Identifies 2-D and 3-D shapes in an illustration.					
Matches shape of the same size					
Matches a description of a 2-D or 3-D shape to an illustration.					
Identifies shapes that will roll and those that will slide.					
Draws 2-D shapes using dots as guidelines.					

Distinguishes 2-D shapes within diagrams.					
Distinguishes 2-D shapes within graphics.					
Makes 3-D shapes from visual construction.					
Traces and draws copies of 3-D shapes.					
Draws lines of symmetry on simple shapes.					
Completes simple symmetrical pictures.					
Copies symmetrical shape patterns.					
Draws lines of symmetry on simple shapes.					
Follows direction involving positional language.					
Chooses the correct positional word to describe a picture.					
Follows instructions involving positional language.					
Recognises left and right in relation to self.					
Follows directional and positional language to fill in a grid.					