

PRIMARY MATHEMATICS – GRADE 2

Basic Concepts for Placement Test (from grade 2 to 3)

School Year: 2010 - 2011

Place Value

Count, read, and write numbers to 100.
Extend, describe and create repeating and growing pattern
Identify odd and even numbers.
Skip counting by 2s, 3s, 4s, 5s, and 10s to 100.
Read, write, compare and order numbers through 10,000.
Identify the value of a digit (tens, ones, hundred, and thousand)
Represent a number through thousand in words, models, and expanded form.
Compare numbers using $>$, $<$ or $=$ symbols.
Order 2, 3, and 4 digit numbers.

Addition and Subtraction

Add / subtract one - digit number to two - digit number with and without regrouping.
Add / subtract two - digit numbers with and without regrouping.
Add / subtract three - digit numbers with and without regrouping.
Add three two digit numbers with and without regrouping.
Problem Solving on each concept
Mixed problem Solving

Multiplication & Division

Multiplication tables from 0 to 10.
Explore multiplication through repeated addition, skip counting and arrays.
Multiplying 2 & 3 digit numbers by 1 digit number with & without regrouping.
Solve problems on multiplication
Explore Division concepts

Fractions

Naming and writing fractions
Compare and order fractions with unlike denominators
Solve problems on fractions

Statistics

Record data using a tally marks
Make, read, a pictograph, bar graph, line graph
Use graphs and tables to compare between a given data
Locate and identify points on a coordinate grid

Measurement

Measure length using nonstandard units (paperclip, cube)
Measure using cm ruler (not necessarily starting from 0).
Measure to the nearest cm or m
Measure to find the perimeter and area
Measure length, weight, distance, thickness using appropriate measuring unit

Geometry

Identify, classify, compare and describe plane and solid shapes
Identify angles (obtuse, acute, right)
Explore Symmetry