Course Code	5012050
Course Category	K-5
Subject Area	Mathematics
Course Type	Core
Course Title	Grade 3
Course Level	1
Course Length	Full Year
Credit Description	NA
Abbreviated Title	Grade 3

RELATED BENCHMARKS (17) :

Scheme	Descriptor
MA.3.A.1.1	Model multiplication and division including problems presented in context: repeated addition, multiplicative comparison, array, how many combinations, measurement, and partitioning.
MA.3.A.1.2	Solve multiplication and division fact problems by using strategies that result from applying number properties.
MA.3.A.1.3	Identify, describe, and apply division and multiplication as inverse operations.
MA.3.A.2.1	Represent fractions, including fractions greater than one, using area, set and linear models.
MA.3.A.2.2	Describe how the size of the fractional part is related to the number of equal sized pieces in the whole.
MA.3.A.2.3	Compare and order fractions, including fractions greater than one, using models and strategies.
MA.3.A.2.4	Use models to represent equivalent fractions, including fractions greater than 1, and identify representations of equivalence.
MA.3.A.4.1	Create, analyze, and represent patterns and relationships using words, variables, tables and graphs.
MA.3.A.6.1	Represent, compute, estimate and solve problems using numbers through hundred thousands.
MA.3.A.6.2	Solve non-routine problems by making a table, chart ,or list and searching for patterns.
MA.3.G.3.1	Describe, analyze, compare and classify two-dimensional shapes using sides and angles - including acute, obtuse, and right angles - and connect these ideas to the definition of shapes.

MA.3.G.3.2	Compose, decompose, and transform polygons to make other polygons, including concave and convex polygons with three, four, five, six, eight, or ten sides.
MA.3.G.3.3	Build, draw and analyze two-dimensional shapes from several orientations in order to examine and apply congruence and symmetry.
MA.3.G.5.1	Select appropriate units, strategies and tools to solve problems involving perimeter.
MA.3.G.5.2	Measure objects using fractional parts of linear units such as 1/2, 1/4, and 1/10.
MA.3.G.5.3	Tell time to the nearest minute and to the nearest quarter hour, and determine the amount of time elapsed.
MA.3.S.7.1	Construct and analyze frequency tables, bar graphs, pictographs, and line plots from data, including data collected through observations, surveys, and experiments.