

PRIMARY MATHEMATICS – GRADE 3

Basic Concepts for Placement Test (from grade 3 to 4)

School Year: 2010 - 2011

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| <p>Place Value Read, write, use models, words, and expanded form to show numbers up to hundred thousands. Identify 2 & 3 digit numbers to determine what comes before, after and between. Use place value to compare and order 2, 3 & 4 digit numbers. Add or Subtract 2, 3 & 4 digit numbers with & without regrouping. To solve problems on adding and subtracting with 3 digit numbers.</p> |
| <p>Multiplication Multiplication tables Explore multiplication concepts. Multiplying 2 & 3 digit numbers by 1 digit number with & without regrouping. Solve problems on multiplication</p> |
| <p>Division Explore Division concepts Explore division with and without remainder. Explore divisibility rules Solve problems on division</p> |
| <p>Fractions Naming and writing fractions. Write improper fractions as mixed numbers and mixed numbers as improper fractions. To compare and order fractions with like denominator, unit fractions. Exploring equivalent fractions. Find a fraction of a set / Solve problems on fractions.</p> |
| <p>Decimals Show , read , write , compare and order ,decimals using tenths , hundredths Adding and subtracting decimals (tenths and hundredths)</p> |
| <p>Statistics Explore organizing data using a tally marks Read and draw a pictograph , bar graph ,line graph Use graphs to compare between a given data and solve problems.</p> |
| <p>Metric Linear and Measurements Exploring centimeters and decimeters Estimate and compare measurements in meters and kilometers, grams and kilograms.</p> |
| <p>Time Exploring time to the nearest minute / Tell the time to the half and quarter hour. Read and write Ordinal numbers. Reading the calendar.</p> |
| <p>Geometry Identify, classify, compare and describe plane shapes, solids and angles. Identify, name and draw (intersecting, perpendicular & parallel lines & line segments). Identify, name & draw angles Explore Symmetry</p> |