

Suggested Use:

Teacher/Curriculum Road map
Faculty Meetings
Departmental Meetings
Grade-Level Meetings

Key: Shaded/bolded rows – mastery levels expected and assessment required. Appropriate vocabulary to be taught within each standard-see attached (insert web address). Refer to grade level One Pager for standard details (insert web address).

Essential Learning Expectations (ELE's/Critical Competencies) should be addressed in contexts that promote problem solving, reasoning, communication, making connections and designing and analyzing representations.
Curriculum Focal Points for Prekindergarten through grade 8 Mathematics – NCTM – National Council for Teachers of Mathematics

| Content Standard | | Projected Delivery Window | Need for Resources or Instructional Strategies | Professional Development Needs |
|-----------------------------|--------------------------------------------------------------------------------------------------------------|---------------------------|------------------------------------------------|--------------------------------|
| State Established Benchmark | Critical Competencies At the end of third grade, a proficient student will: | | | |
| STANDARD 1 | NUMBERS AND OPERATIONS | | | |
| 1.1 | understand place value to ten thousand | | | |
| 1.1 | write expanded form to ten thousand | | | |
| 1.3 | fluent with addition and knows subtraction to 18 and applies them fluently | | | |
| 1.3 | add and subtract three-digit numbers including regrouping | | | |
| 1.3 | build basic multiplication facts with manipulatives and their related division facts. | | | |
| 1.4 | identify fourths and thirds and eighths | | | |
| 1.4 | compare equivalent fractions | | | |
| 1.4 | develop awareness of decimals related to money | | | |
| 1.5 | relate manipulative and diagrams to mathematical concepts | | | |
| 1.5 | use non-standard units to measure length, weight and perimeter | | | |
| 1.5 | use standard units to measure length, time, temperature with appropriate tools | | | |
| 1.5 | use the calendar, to tell date. Uses the clock to tell time. | | | |
| STANDARD 2 | DATA ANALYSIS, PROBABILITY, AND STATISTICS | | | |
| 2.1 | read and interpret a variety of graphs | | | |
| 2.1 | collect, organize and display data in a variety of ways (bar, line, graph, pictograph, tally charts, tables) | | | |
| 2.2 | use ordered pairs | | | |
| 2.3 | use terms to explain probability of simple events | | | |
| STANDARD 3 | GEOMETRIC REASONING | | | |
| 3.1 | identify and classify attributes of two-dimensional, 3-dimensional shapes | | | |
| 3.2 | find perimeter using standard units/ model area with manipulatives | | | |
| 3.5 | measure to ½ " | | | |
| 3.5 | understand 3 feet = 1 yd. | | | |
| STANDARD 4 | ALGEBRAIC AND FUNCTIONAL REASONING | | | |
| 4.1 | recognize, describe, and extend patterns | | | |
| 4.1 | explore relations and functions | | | |
| 4.2 | know the commutative property in addition | | | |
| 4.3 | read, write and solve equations using symbols and variables | | | |