

Kindergarten Mathematics

<http://www.sad44.org/curriculum/math/math.html>

| <i>Length of units will vary</i> | | | | |
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| Unit (order may vary) On-going concept development | Shapes and Patterns | Time and Data | Numeration Skills | Addition and Subtraction |
| Strands | Geometry(E) Pattern, Relations, and Functions (G) | Measurement (F) Data analysis (C) | Numbers and Number Sense (A) | Numbers and Number Sense (A) Computation (B) |
| http://www.state.me.us/education/lres/math.htm | | | | |
| Activities | Build shapes Sort by shape Identify shapes Recognize shapes in the environment Identify, create, and extend patterns: ABAB, AABB, AAB, ABC | Clock activities Play store activities Measure units with various devises Graph results Create class graphs Estimate results | Count forward and backward Construct sets using objects | Add and subtract using manipulatives, Number symbols, number lines |
| Assessments | #1 Patterns (Local) G1 #2 Shapes | #3 Clock assessment F3 Graphing Assessment | Counting Blocks (Local) A1 | Teacher-made |
| Vocabulary | Larger, -est Smaller, -est More/less Equal to Above, below Inside/outside Circle, square, triangle, rectangle, oval, diamond, rhombus, hexagon, trapezoid Whole, half Flat, sphere | Larger, -est Smaller, -est More/less Greater than/ less than Longer/shorter Equal to How many altogether? Sum/ difference Inch, foot (feet), centimeter Penny, nickel, dime, quarter, Time to the hour Half hour O'clock A.M., P.M., noon Analog/ digital Hour hand, minute hand Data | Number words: both ordinal and cardinal Even and odd numbers More/less Symbols for \$, ¢, . (decimal) numeration | Equal to How many altogether? Sum/ difference Vertical/ horizontal Addition Subtraction Plus, minus |

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| Resources | <p>http://illuminations.nctm.org/index.aspx This site enables you to search by grade or standard.</p> <p>http://illuminations.nctm.org/swr/index.asp This site is filled with web resources by grade level and standard</p> <p>http://nlvm.usu.edu/en/nav/vlibrary.html Interactive math tools that allow you to pick the grade span and the standard.</p> <p>http://www.lessonplanspage.com/Math.htm This site has lesson plans for math by grade span.</p> <p>http://www.aaamath.com/ This site is by grade levels and math topics.</p> <p>http://www.mathmanipulatives.com/ United Steaming Manipulatives</p> |
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