

Sixth Grade Mathematics

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

	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Unit (order will vary)	Basic Computation and Skill Review	Problem solving	Geometry	Algebra Concepts
Strands	Numbers and Number Sense A Computation B	Data Analysis (C) Discrete Math (I) Mathematical Reasoning (J) Mathematical Communication (K)	Geometry (E) Measurement (F)	Probability (D) Patterns, Relations, and Functions (G) Algebra Concepts (H)
http://www.state.me.us/education/lres/math.htm				
Activities				
Assessments	Basic math facts tests Class Data A-1	All Star Basketball C-1 Van Problem J-1; J-2 (Optional)		Lucky Draw D-1 http://mainelad.org
Vocabulary	Decimal Fractions: mixed and improper Whole number Ratio Proportion Percent Exponent Greatest common factor Lowest common denominator Order of operations Commutative property Associative property Mean, median, mode Algorithm Inverse operations	Discrete math Venn diagram Set	Acute, obtuse, and right angles Chord Area Perimeter Base Congruent Diameter Edge Face Infinite Mass Perpendicular and parallel lines Parallelogram Plane figure Polygon Pyramid Quadrilateral Tessellation Symmetry Transformation Ray Vertex, vertices Volume weight	Inequality Equation Compatible numbers Function Ordered pair

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>Addison Wesley text;</p>
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