

Third Grade Mathematics

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

	Quarter 1	Quarter 2	Quarter 3	Quarter 4
<i>Length of units will vary: quarter divisions correspond with district assessments</i>				
Unit (order will vary: on-going skill development)	Problem-solving	Measurement	Whole numbers and Fractions	Transformations
Strands	Numbers and Number Sense (A) Computation (B) Data Analysis (C) Probability (D) Discrete Math (I)	Measurement (F) Mathematical Communication (K) Computation (B)	Numbers and Number Sense (A) Computation (B) Algebra (H)	Geometry (E)
http://www.state.me.us/education/lres/math.htm				
Activities	“Problem of the Day” One, two, and multi-step problems Use mental math to determine reasonableness of answers Plot, read, and interpret data from graphs Make Venn diagrams	Estimate and measure variety of objects using various measurement systems and tools Try simple conversions Tell time to the second Use a balance scale Make change	Introduce: place value to 7; Decimals :tenths Multiplication fact drills Add and subtract fractions Compare simple fractions Introduce open sentences Divide by 2 digit divisor Multiple 3digit x 2 digit	Use a coordinate system Identify 3D shape from 2D side Investigate properties of figures(# of diagonals) Work with transformation of shapes
Assessments	Problem-solving B1	Measurement F1; K1	Writing Numbers /Fractions A1,2	Transformations E3
Vocabulary	Expanded Notation Line plot Stem and leaf plot Venn diagram “Unfair game” Compensation	Length Width Mass Capacity Volume Metric units Area Perimeter Non-standard Unit	Numerator, Denominator Common denominator Reduce Quotient, Divisor, Dividend, Remainder Factor, Product Symbols: decimal point Communicative and Associative Properties of addition and multiplication	Congruence Symmetry Similarity Cube Pyramid Cylinder Sphere Cone Curves Closed/open Regular polygon

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><i>Investigations: Geometry Unit</i></p> <p><i>Math Your Way: Make It and Take It</i></p> <p>Addison Wesley text</p>
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