

St. Matthew Catholic School		Subject: 7th Grade Math		Teachers: Mr. Motamed, Mr. Boegel	
		Unit 01 – Operations in Algebra			
<i>Timeline:</i>	<i>Standards</i>	<i>Content</i>	<i>Skills</i>	<i>Assessment</i>	<i>Instructional Strategies & Resources</i>
August 27 to September 28, 2012	MR 1.0 NS 2.0 AF 1.2 AF 1.3, 1.4 NS 1.1 MR 2.6 NS 2.0 AF 3.1	Problem solving strategies Math is a language Expressions and Variables Order Of Operations Power and Exponents Comparing and ordering Rounding Decimals Add and Sub. Decimals Multiply Decimals Divide Decimals Simple equation solving	-- Translate from English phrases to mathematical expressions and visa versa -- Perform correct order of operations -- Evaluate expressions including exponents -- Add, subtract, multiply and divide decimals -- Find missing number(s), introductory step to solving equations	-- Informal QA in the class -- Daily single question and discussion -- Successfully complete and turn in HW's -- Successfully complete 4 Quizzes -- Successfully complete 1 unit assessment	-- Text Book, Chapter 1 and Chapter 2 -- Worksheet #1, #2, #3 (posted) -- Mr. Motamed's website: www.MrMTeaching Math.com -- Class Notes (posted) -- Matheletics HW; -- Combine Like Terms -- Solve single step equations
	AF 4.2 MG 2.1, 2.2 AF 1.3 AF 1.3, 1.4 AF 4.0	Use formula and evaluate Perimeter and Area: Triangle, Rectangle, Square, Trapezoid Distance, speed, time Commutative and Associative properties Distributive property Combine Like-terms Solve addition and subtraction equations. (single-step) Solve multiplication and division equations (single-step) Solve simple inequalities	-- Use and evaluate formula -- Calculate perimeter and area of Square, Rectangle, Triangle, Trapezoid -- Calculate distance or time, or speed in $d=r.t$ -- Use and apply commutative and associative properties in additions and multiplications. -- Solve (simple) single-step equations. -- Solve (simple) inequalities and graph solutions on number line.		

NS = Number Sense
AF = Algebra and Functions
MG = Measurements and Geometry
SDP = Statistics, Data Analysis, and Probability
MR = Mathematical Reasoning

Text Book: Mathematics Concepts and Skills, Course 2; Larson, Boswell, Kanold, Stiff; McDougal Littell