

St. Matthew Catholic School

Subject: 7th Grade Math

Teachers: Mr. Motamed, Mr. Boegel

Unit 02 – Algebraic Equation Solving

<i>Timeline:</i>	<i>Standards</i>	<i>Content</i>	<i>Skills</i>	<i>Assessment</i>	<i>Instructional Strategies & Resources</i>
October 1 to October 31, 2012	NS 2.5, AF 1.5	Absolute Value	-- Evaluate absolute value of a simple expression -- Identify absolute value on Number line	-- Informal QA in the class -- Daily single question and discussion -- Successfully complete and turn in HW's	-- Text Book, Chapter 3, 4 -- Worksheet -- Mr. Motamed's website: www.MrMTeaching Math.com
	NS 1.2, AF 1.3, 2.1	Operations with Positive and Negative Numbers (Integers)	-- Add, subtract, multiply and divide Positive, and Negative Numbers (integers)	-- Successfully complete Quizzes -- Successfully complete unit assessment	-- Class Notes (posted) -- Matheletics HW;
	NS 1.7, AF 1.1, 4.0, 4.1 AF 4.2	Solve Equations: (Involving Integers) One-, Two- and Multi-Step Equations	-- Solve one- and two-step equations by 'undoing', in reverse order (and opposite operation) -- Solve multi-step equations, combine like-terms. -- Solve multi-step equations, using distributive property and/or variable on both sides.	-- Successfully complete assignments or test on related Matheletics	-- Combine Like Terms -- Solve one-, two-, and multi- step equations -- Solve Inequalities
	MR 2.3, 3.1	Problem solving strategies	-- Solve word problems by; a) identify key information b) produce a verbal model c) define variable(s) d) write mathematical expression / algebraic equation e) solve f) validate the solution		
	ADP 1.0, 1.1	Central Tendency	-- Realize central tendencies in a data set -- Calculate Mean, Median -- Identify outlier		

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; Mc Dougal Littell
 Larson, Boswell, Kanold, Stiff; McDougal Littell

