

St. Matthew Catholic School

Subject: 6th Grade Math

Teachers: Mr. Motamed, Mr. Boegel

Unit 03 – Solve One-, Two, & Multi-Step Equations (Integer & Fraction Coefficients)

<i>Timeline:</i>	<i>Standards</i>	<i>Content</i>	<i>Skills</i>	<i>Assessment</i>	<i>Instructional Strategies & Resources</i>
October 29 to December 21, 2012	NS 2.3 MR 2.4, 2.5 AF 1.2	Add, Subtract, Multiply and Divide Integers (Positive and Negative Whole Numbers)	<ul style="list-style-type: none"> -- Identify integer numbers -- Map integer on number line -- Add and Subtract use number line or similar visual map / representation -- Use of absolute value rule -- Multiplication rule with positive and negative integers -- Division rule with positive and negative integers 	<ul style="list-style-type: none"> -- Informal QA in the class -- Successfully complete and turn in HW -- Successfully complete Quizzes -- Successfully complete Group Activity / Peer-Teaching -- Successfully complete unit assessment -- Successfully complete related Mathletics Assignments and/or Tests 	<ul style="list-style-type: none"> -- Text Book, Chapters 3, 4, 5 -- Mr. Motamed's website: www.MrMTeaching Math.com -- Customized Worksheets -- HW and Puzzles -- Class Notes (posted) -- Mathletics
	AF 1.3	Order of Operation (Focus on Distributive Property)	<ul style="list-style-type: none"> -- Proper order of Operation -- Distribution and Distributive property -- Translate from English to Math and visa versa. 	<ul style="list-style-type: none"> -- Access Math Fact Performance / Result 	
	AF 1.2 NS 2.0	Write mathematical expressions and Equations	<ul style="list-style-type: none"> -- Solve one-step, two- and multi-Step equations 		
	AF 1.1	Solve One-Step Equation (by addition, subtraction, multiplication or division)	<ul style="list-style-type: none"> -- Apply systematic process of: "Undoing" ➔ Work Backward ➔ Reverse Operation 		
	AF 1.1 MR 1.1, 3.3	Solve Two-Step Equation Solve Multi-Step Equation	<ul style="list-style-type: none"> -- Solve when variable in on one-side -- Solve when variables are both sides or when need to distribute first. 		
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 1; McDougal Littell; Larson, Boswell, Kanold, Stiff		