

St. Matthew Catholic School		Subject: Algebra I (HS Algebra 1,2)		Teachers: Mr. Motamed	
<i>Unit 01 – Solving Linear Equations, Inequalities and Absolute Value</i>					
Timeline:	Standards	Content	Skills	Assessment	Instructional Strategies & Resources
August 27 to September 28, 2012	CA 4, 15 CA 1,2, 15, 17 CA 5 CA 2, 5, 15 CA 4, 5, 15 CA 4, 5 CA 15 CA 15 CA 5 CA 2, 3, 24, 25 CA 2, 3, 5,24, 25	Combine Line-Terms Properties of multiplications, and divisions and Inverse Solve single step equations, (add, subt.) Solve single step equations (mult., divide) Solve multi-step equations. Solve Equations, variables on both side and / or distribution needed Use formula and rewrite / re-arrange formula and evaluate. Calculate rates and ratios Set up and evaluate percent problems. Solve and graph absolute value Equations Solve and graph inequalities Set up and solve word problems involving equations or inequalities.	-- Combine and simplify like-terms, distribute, use fractions operations. -- Solve one-step, two-step and multi-step equations, including variable on both side and /or requiring to distribute. -- Set up, solve and verify word problem solving. -- Apply formula for given parameters, rearrange for desired parameter. -- Solve proportional and percent problems using, a, b, P model. -- Solve simple and complex Absolute value equations. -- Solve and graph solutions on number line, linear inequalities including when the inequality switches direction.	-- Informal QA in the class -- Daily single question and discussion -- Successfully complete and turn in HW's -- Successfully complete Quizzes -- Successfully complete unit assessment	-- Text Book, Chapters 1, 2 and 3 -- Worksheet #1, #2, #3 (posted) -- Mr. Motamed's website: www.MrMTeaching Math.com -- Class Notes (posted) -- Matheletics HW; -- Extensive Mixed Review -- Worksheets from Punch line Algebra, Marcy Mathworks

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

Text Book: Algebra I Concepts and Skills; Larson, Boswell, Kanold, Stiff; McDougal Littell