

<b>St. Matthew Catholic School</b>		<b>Subject: Advanced Algebra PLUS (Extensive Review of Algebra I and Selected Topics of Algebra II)</b>			<b>Teacher: Mr. Motamed</b>
<b>Unit 01 – Solving Linear Equations, Inequalities and Absolute Value</b>					
<b>Timeline:</b>	<b>Standards</b>	<b>Content</b>	<b>Skills</b>	<b>Assessment</b>	<b>Instructional Strategies &amp; Resources</b>
<b>August 27 to September 21, 2012</b>	CA1: 4, 5  CA2: 1.0	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.	-- 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 Books, Algebra 2 Chapters 1 -- Worksheet #1, #2, 3(posted ) -- Mr. Motamed's website: <a href="http://www.MrMTeaching Math.com">www.MrMTeaching Math.com</a> -- Class Notes (posted) -- Extensive Mixed Review -- Worksheets from Punch line Algebra, Marcy Mathworks
CA1= California Content Standards and Assessment for Algebra 1 CA2 = California Content Standards and Assessment for Algebra 2			<b>Text Books:</b> <i>Algebra I, Concepts and Skills, Mc Dougal Littell, Larson, Boswell, Knold, Stiff</i> <i>Algebra II, McDougal Littell, Larson, Boswell, Knold, Stiff</i>		