St. Matthew Catholic School		(Extensive Revi Selected Topic	<u> </u>	Teacher: Mr. Motamed	
		Unit 03 – Write, Graph, Analyze Systems of Linear Equations and Inequalities with Emphasis on Application of Linear Programming (Optimization of Given Case, Based on Set Constraints and Given			
Timeline:	Standards	Content	Skills	Assessment	Instructional Strategies & Resources
nber 21, 2012	CA1: 3, 4, 5 CA2: 3	Compound Linear Inequalities ("AND" "OR" condition) Absolute Value Inequality	Solve and Graph solutions of Linear Inequality One-Step, Two-Step and Multi-Step Inequalities, including negative coefficient. Inequality direction switches Solve and Graph Compound Inequality Solve and Graph Absolute Inequalities Graph Lines and Identify point of intersection	Informal QA in the Daily single question discussion Successfully completurn in HW's Successfully compleuizzes Successfully compleussessment Successfully compleussessment Successfully compleussignments and test	class on and Algebra 1 Chapter 6 and 7 Write up / Handout by Mr.  ete and Motamed on Linear Programming Worksheets ete Mr. Motamed's website: www.MrMTeaching Math.com ete unit Class Notes (posted) Extensive Mixed Review ete Worksheets from Punch line
November 1 to December	CA1: 9,15 CA2: 2	Two Equations, Two Variables Two Line and Point of Intersection Solve System of Two Equations and Two Variables by; Graphing Method Substitution Method Linear Combination Method	Inequalities Graph Lines and Identify point of intersection Solve System of Linear Equations by graphing, by substitution, and by Linear Combination Method Set up and solve word problems Graph feasible region for the system of Inequalities		
CA1= California		Application of System of Equations Systems of Linear Inequalities (Advanced: Linear Programming) Assessment for Algebra 1 Assessment for Algebra 2	(Use Excel to program, graph and analyze linear programming problem)  Text Books:  Algebra I, Concepts and Skills, Algebra II, McDougal Littell, Lo	_	