Mathematics

Algebra 1: CP Unit 3: Solving Linear Functions

 Essential Understandings Solving linear functions is of successful in Algebra 1. What is a solution of an equipment of the How do you solve algebraic 	one of the major skills necessary to be
Questions • How do you solve and use	c equations? formulas? rates to solve real life problems?
 Solutions of equations are Ratios can be written in diff 	what make equations true. ferent ways. sed to solve real life problems.
Vocabulary ■ Terms: ○ equation, linear equations.	ations, formulas, ratios, rates, percent,
 Essential Skills Identify solutions off equations. Solve algebraic equations. Solve and use formulas. Use ratios and rates to solve. Solve percentage problems 	ve real life problems.
Mathematics D. Algebra Equations and Inequalities D2.Students solve families a. Solve systems of lin unknowns and inter b. Solve quadratic equ where factoring is ef formula. c. Solve simple rationa d. Solve absolute value interpret the results. e. Apply the understan the form f(x) = g(x) a intersection of the g outputs in table of va f. Explain why the coo the lines represente and apply this under D3.Students understand ar a. Use and interpret locations	of equations and inequalities. ear equations and inequalities in two pret their graphs. ations graphically, by factoring in cases fficient, and by applying the quadratic al equations. e equations and inequalities and ading that the solution(s) to equations of are x-value(s) of the point(s) of raphs of f(x) and g(x) and common alues. ordinates of the point of intersection of d by a system of equations is its solution restanding to solving problems. and apply ideas of logarithms.

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Sample Lessons And Activities	 Students will orally respond to questions. Students will utilize worksheets and in their notes to demonstrate individual understanding of the concepts.
Sample Classroom	Evaluate homeworkQuizzes
Assessment Methods	Chapter test
Sample Resources	 Publications: Algebra 1 – McDougall Littell