

Teacher / Team Name: The School System of Osceola County Algebra I Regular

Topic: UNIT 7 SYSTEMS of EQUATIONS and INEQUALITIES

Days: 17

Subject(s):

Grade(s):

Know:	Understand:	Do:
Key vocabulary System of linear equations System of linear inequalities Region and boundaries	Solving system of equations and inequalities by graphing and algebraic manipulation.	Graph multiple equations on the same coordinate system Solve system of equations using addition, subtraction and multiplication Solve system of equations using substitution Graph system of inequalities and identify valid region and boundaries

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Subject Standards are students learning in this unit?

Grade(s):

MA.912.A.3.12:

Graph a linear equation or inequality in two variables with and without graphing technology. Write an equation or inequality represented by a given graph.

MA.912.A.3.13:

Use a graph to approximate the solution of a system of linear equations or inequalities in two variables with and without technology.

MA.912.A.3.14:

Solve systems of linear equations and inequalities in two and three variables using graphical, substitution, and elimination methods.

MA.912.A.3.15: Solve real-world problems involving systems of linear equations and inequalities in two and three variables.