UNIT 6 - LESSON PLANS

Class	Algebra I	**Topic**	U6 – Solving Systems by Graphing	**Lesson**	1	**Of**	6

Objective	Students will: • Be able to recognize the different types of linear systems of equations and find its solution
"I Can" Statement	I can recognize the different types of linear systems of equations and find its solution.

Common Core Standards	CCSS.MATH.CONTENT.HSA.REI.C.6 Solve systems of linear equations exactly and approximately (e.g., with graphs), focusing on pairs of linear equations in two variables. CCSS.MATH.CONTENT.HSA.REI.D.10 Understand that the graph of an equation in two variables is the set of all its solutions plotted in the coordinate plane, often forming a curve (which could be a line). CCSS.MATH.CONTENT.HSA.REI.D.11 Explain why the x-coordinates of the points where the graphs of the equations $y = f(x)$ and $y = g(x)$ intersect are the solutions of the equation $f(x) = g(x)$; find the solutions approximately, e.g., using technology to graph the functions, make tables of values, or find successive approximations. Include cases where $f(x)$ and/or $g(x)$ are linear, polynomial, rational, absolute value, exponential, and logarithmic functions.

Bell Work	See 6-1 Bell Work

Procedures	1. Start and lead student discussion related to the bell work. 2. Distribute the Guided Notes 3. Present lesson or play a video lesson. 4. Use an Online Activity if time permitted. 5. Distribute Lesson Assignment.

Assessment	Bell Work 6-1 Assignment 6-1 Exit Quiz 6-1

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Additional Resources	See Online Activities