

Grade 8

Distance Learning Module 10: June 8th – June 12th

Grade 8 Pre-Algebra - Modified from Unit F- Graphing Lines / Systems of Equations

Targeted Goals from Stage 1: Desired Results

Content Knowledge: Students solve systems of two linear equations in two variables and relate the systems to pairs of lines in the plane; these intersect, are parallel, or are the same line. Students use linear equations, systems of linear equations, linear functions, and their understanding of slope of a line to analyze situations and solve problems.

Vocabulary: substitution, elimination, system of equations

Skills: Students will solve systems of equations by graphing, elimination, and substitution.

Expectation:

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday: Review of solving systems by graphing	Mrs. Gwiazda’s Video Slides	No Check-In today
Tuesday: Solve systems by elimination (no multiplication)	Mrs. Gwiazda’s Video Slides Additional Instruction & Practice (OPTIONAL) Khan Video Practice with Answers	Khan
Wednesday: Solve systems by elimination	Mrs. Gwiazda’s Video Slides	Khan

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
	Additional Instruction & Practice (OPTIONAL) Khan Video Practice with Answers	
Thursday: Solve systems by substitution	Mrs. Gwiazda's Video Slides Additional Instruction & Practice (OPTIONAL) Khan Video Examples with Explanations	Khan
Friday: Practice with all 3 ways to solve a system of equations	Mrs. Gwiazda's Video Slides	Google Form (Teachers - make a copy of the check-in for yourself and use the link in the folder.)

Week criteria for success (attach student checklists or rubrics):

_____ I can solve a system of equations by graphing.

_____ I can solve a system of equations by substitution

_____ I can solve a system of equations by elimination

Supportive resources and tutorials for the week (plans for re-teaching):