

Grade 9-11

Distance Learning Module 4 - Week of: April 20th - April 24th

Mathematics: Algebra 1 Level 3 - [Unit E - Linear Systems](#)

Targeted Goals from Stage 1: Desired Results

Content Knowledge: how to apply systems of equations to solve problems, a system of equations may have one, zero or an infinite number of solutions, that a graph represents all the solutions to a system

Vocabulary: system of equations, graphing method, substitution method, elimination method

Skills: graphing a linear equation, solving a system by graphing, isolating one variable, solving a system by substitution, solving a system by elimination, choosing which method is best

Expectation:

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday: Elimination - Manipulating Equations	Elimination Video (manipulating equations) Note Sheet Worksheet	Upload Worksheet to Classroom
Tuesday: Elimination - Manipulating Equations	Khan Video	Google Form - Upload written out work as well
Wednesday: Elimination Wrap Up	Find the mistake Activity	Upload Explanation
Thursday: Best Method	Desmos Activity: BRSRKZ	Upload Desmos Work done on paper to Classroom
Friday: Best Method	Live Review Google Meet Session Review document	Google Form - Upload written out work as well

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

SWBAT

- Solve a system of equations using the graphing method
- Solve a system of equations using the substitution method
- Solve a system of equations using the elimination method
- Determine which method they are the strongest at
- Determine which method is best for the problem they are working on

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

- Daily Office hours and meetings by appointment
- Rewatch Khan Videos
- Purple Math - This is a website that provides guides notes to students
- Special Ed students can be assigned aligned iXL activities if needed