

Systems of Linear Equations Choice Board

This **Choice Board** is created for teachers to use with their students. It is an instructional **Choice Board**. It is not intended to be sent to students and have them pick and choose boxes to work on independently. All of the activities can be done in a distance learning format, as well as in class. Teachers can choose to share videos, tasks, and activities as determined by the various needs of their students.

Note: Some of the sites may have membership required to use. All the links here are free **as of March 31, 2020**.

Systems of Equations YouTube Playlist Select one or more video tutorials for students to watch. <i>Note: different videos illustrate different mathematical approaches and solution paths; the appearance of a video in the playlist does not constitute not an endorsement of the teaching method or the presenter</i> Search YouTube for more videos.	Linear Systems lessons and activities from Desmos. There are 8 activities with this link. Explore more activities from Desmos.	Khan Academy Lessons on systems of equations. The group of lessons also includes practice and quizzes. Explore more videos and lessons from Khan Academy
Task Rotation Activity Some ways you might use these: • Assign all 4 tasks at same time • Assign one task per day • Select specific tasks for different students • Create stations and each station is a different task • Allow students to work collaboratively on the tasks	How Many Solutions? task from Illustrative Mathematics. Quinoa Pasta 1 Quinoa Pasta 2 Quinoa Pasta 3 This is a series of tasks from Illustrative Mathematics. Tasks 2 & 3 are examples of mathematical modeling problems. Explore more tasks from Illustrative Mathematics.	Linear Systems Cards Some ways to use these: • Select a few cards and students create possible equations for the lines; different cards could be assigned to different students • Students sort & label the cards into categories • Select 4 cards and ask "Which one doesn't belong?"
Open Middle tasks • Create a System of Equations, Given 1 Equation and the Solution • Create a System of Two Equations • System of Inequalities Explore more Open Middle tasks.	Supply and Demand activity from Illuminations. This activity might be an opportunity for students to work collaboratively. Explore more activities from NCTM Illuminations. <i>Note: some activities may require membership to NCTM. Many do not.</i>	Some online games: 1. Solve systems of equations - elimination method is an online game from Manga High 2. Systems of Equations Game from CRCTLessons.com 3. Systems of Equations Jeopardy; could be played online as a whole class