

**RRGSD Remote Instruction Learning Plan**

Dates: 02/22/2021 - 02/26/2021

<b>Statement of Goals and Objectives:</b> <i>(Learning Targets in Student &amp; Parent-Friendly Language)</i>	<ul style="list-style-type: none"> <li>• Students will use technology, graphs and table to approximate the solutions to linear equations.</li> <li>• Students will use a graphing calculator or computer software to find the linear regression model for a set of data.</li> <li>• Students will use technology to determine the correlation coefficient and interpret it as a measure of the strength and direction of a linear relationship</li> <li>• Given a scenario, students will create a system of linear equations to model the scenario.</li> <li>• Students will solve systems of linear equations using the table and graph on the graphing calculator.</li> <li>• Students will solve systems of linear equations algebraically with substitution and elimination.</li> </ul>
<b>Topic(s)/Concept &amp; NC Standard Course of Study:</b> <i>Topic(s)/Concept and the correlating content standards addressed)</i>	<ul style="list-style-type: none"> <li>• <a href="#">NC.M1.S-ID.6b</a>: Summarize, represent, and interpret data on two categorical and quantitative variables. Represent data on two quantitative variables on a scatter plot, and describe how the variables are related. Assess the fit of a linear function by analyzing residuals.</li> <li>• <a href="#">NC.M1.S-ID.6a</a>: Summarize, represent, and interpret data on two categorical and quantitative variables. Represent data on two quantitative variables on a scatter plot, and describe how the variables are related. Fit a least squares regression line to linear data using technology. Use the fitted function to solve problems.</li> <li>• <a href="#">NC.M1.S-ID.7</a>: Interpret linear models. Interpret in context the rate of change and the intercept of a linear model. Use the linear model to interpolate and extrapolate predicted values. Assess the validity of a predicted value.</li> <li>• <a href="#">NC.M1.S-ID.8</a>: Interpret linear models. Analyze patterns and describe relationships between two variables in context. Using technology, determine the correlation coefficient of bivariate data and interpret it as a measure of the strength and direction of a linear relationship. Use a scatter plot, correlation coefficient, and a residual plot to determine the appropriateness of using a linear function to model a relationship between two variables.</li> <li>• <a href="#">NC.M1.A-CED.3</a>: Create systems of linear equations and inequalities to model situations in context</li> <li>• <a href="#">NC.M1.A-REI.6</a>: Solve systems of equations using tables, graphs, or algebraic methods (substitution and elimination) to find the approximate or exact solutions to systems of linear equations and interpret solutions in terms of a context.</li> </ul>
<b>Social-Emotional Focus</b>	<p>The teacher will be available daily from 1:30-2:45 for live one on one sessions as needed. Students can sign up on google calendar located under the</p>

**Teacher Name:** Sierra Hearp-Jordan

**Subject: Math I**

resources tab on google classroom.

**Daily Agenda:** Including assignments and due dates

Date:	Virtual/Remote Agenda	JacketTime Opportunity Agenda
Monday	Scatter Plots, Line of Best Fit, Correlation Coefficient STUDY GUIDE	8:30-9:15 Planning 1st Period
Tuesday	Scatter Plots, Line of Best Fit, Correlation Coefficient STUDY GUIDE	2:00-3:30 Daily 2nd Period Math I
Wednesday	Unit 1 & 2 Test	8:30-9:15 Planning 1st Period
Thursday	Unit 3 Systems of Equations Study Guide Creating Systems of Equations and Solving Using Graphing, Elimination, Substitution.	8:30-9:15 Planning 1st Period
Friday	Unit 3 Systems of Equations Study Guide Creating Systems of Equations and Solving Using Graphing, Elimination, Substitution.	2:00-3:30 Clubs and/or Tutorial

**Assessment:**

*How will I be assessing my students throughout this week?*

Formative Assessment(s)	Quizzes, LiveWorksheets,Mastery Connect
Summative Assessment(s)	Masteryconnect Assessment
How will I know my students have <b>mastered the content</b> from this week?	By reviewing the data from the quizzes and tests that were assigned I will be able to tell mastery/non mastery

**Additional Resources:**

*If a student needs additional support, below are resources that will assist with the material being taught.*

Topic/Concept	Website/Location resource can be found
Math I Curriculum	Khan Academy Symboloo (on google classroom under resources) Teacher recorded videos on google classroom