

Name: Langteau		Grading Quarter: 3	Week Beginning: 1
School Year: 24/25		Subject: Algebra 1	
Monday	Notes:	Objective: Lesson Overview: No School	Academic Standards:
Tuesday	Notes:	Objective: Students will be able to identify the type of correlation in a scatter plot and understand the concept of a line of best fit. Lesson Overview: <ul style="list-style-type: none"> Review scatter plots and correlations (positive, negative, no correlation). Introduce the line of best fit as a tool for modeling data and identifying trends. Discuss how to visually estimate and draw a line of best fit. 	Academic Standards: A1.A.C.2 A1.S1.C.3 A1.S1.C.4 A1.S3.C.4 A1.S1.C.5
Wednesday	Notes:	Objective: Students will be able to distinguish between correlation and causation in data sets Lesson Overview: <ul style="list-style-type: none"> Discuss the difference between correlation (when two variables change together) and causation (when one variable causes the change in another). Emphasize that correlation does not imply causation. 	Academic Standards: A1.A.C.2 A1.S1.C.3 A1.S1.C.4 A1.S3.C.4 A1.S1.C.5
Thursday	Notes:	Objective: Students will be able to find the inverse of a linear function and understand its relationship to the original function. Lesson Overview: <ul style="list-style-type: none"> Introduce the concept of an inverse function. Show how to find the inverse of a linear function by swapping x and y and y solving for Discuss how the graph of a function and its inverse are reflections across the line y=x 	Academic Standards: A1.A.C.2 A1.S1.C.3 A1.S1.C.4 A1.S3.C.4 A1.S1.C.5

Friday	Notes:	<p>Objective: Students will demonstrate mastery of scatter plots, lines of best fit, correlation vs. causation, and inverse functions.</p> <p>Lesson Overview:</p> <ul style="list-style-type: none"> Review key concepts from the week: scatter plots, lines of best fit, correlation vs. causation, and inverses of linear functions. 	<p>Academic Standards:</p> <p>A1.A.C.2 A1.S1.C.3 A1.S1.C.4 A1.S3.C.4 A1.S1.C.5</p>
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