

Topic: UNIT 5 WRITING LINEAR EQUATIONS
 Subject(s):

Days: 19
 Grade(s):

Key Learning: Graphing and the various forms creating a line and how to interpret the information from the line.



Unit Essential Question(s): How are Slope-Intercept forms of Linear Equation used to interprt Real World problems

Concept: Graphing	Concept: Algebraic	Concept: Real world applications
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<p>Lesson Essential Question(s): How do you model data with a line of best fit and its equation? (A)</p>	<p>Lesson Essential Question(s): How do you write (solve) an equation of a line slope-intercept form? (A)</p> <p>How do you write (solve) an equation of a line slope -intercept form that is passing through a given point and has a given slope? (A)</p> <p>How do you write (solve) an equation of a striaght line in Standard Form ? (A)</p> <p>How do you write (solve) equations of parallel and perpendicular lines (A)</p> <p>How do you write (solve) an equation of a striaght line in Point-Slope form ? (A)</p>	<p>Lesson Essential Question(s): How do you write (solve), graph and make predictions for modeling real world situations using a line? (A)</p>
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<p>Vocabulary: scatter plot, positive correlation, negative correlation, relatively no correlations, line of fit</p>	<p>Vocabulary: y-intercept, slope, slope-intercept form, point-slope form, standard form, converse, parallel line, perpendicular line, conditional statement</p>	<p>Vocabulary: best-fitting line, linear regression, linear interpolation, linear extrapolation, zero of a function</p>
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Additional Information:
 Unit 5 sections 5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7.

Attached Document(s):

Vocab Report for Topic: UNIT 5 WRITING LINEAR EQUATIONS
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Concept: Graphing

scatter plot, positive correlation, negative correlation, relatively no correlations, line of fit -

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