

Unit 3: Linear Functions

Big Idea: Data helps explain the world around us.

Essential Questions

- How is technology used to analyze mathematics?
- How do you determine if a correlation is considered strong or weak?
- How can you take data and represent it as a mathematical equation?

	Learning Target	Text	I know it	I partially get it	I don't get it
A	I can determine a linear regression equation using a graphing calculator.	3.1			
B	I can recognize the accuracy of a line of best fit using the correlation coefficient.	3.1			
C	I can make predictions about data using a linear regression equation.	3.1			
D	I can write equations in standard form.	3.2			
E	I can write a linear equation in standard form to model a situation and use it to solve for different values.	3.2			
F	I can determine the x-intercept and y-intercept of an equation in standard form.	3.2			
G	I can use intercepts to graph an equation.	3.2			
H	I can use slope and y-intercept to graph a linear equation.	3.2			
I	I can identify the slope of a linear equation.	3.2			

Learning Targets

Name: _____ Block: _____

	Learning Target	Text	I know it	I partially get it	I don't get it
J	I can convert equations between standard form and slope-intercept form.	3.2 3.3			
K	I can recognize and use literal equations.	3.3			
L	I can convert literal equations to solve for a specific variable.	3.3			
M	I can write linear functions using the distributive property.	3.4			
N	I can analyze problem situations modeled by a combination of multiple linear functions.	3.4			
O	I can collect data to model a situation. I can use the linear regression equation I created to make predictions.	Ch 3			

√ = Complete inc = incomplete	Assignment	Need more practice with...

Quiz #	Score	Need more practice with...
1		
2		
3		
4		

Unit 3 Homework Grade: _____ / _____

Unit 3 Test Grade: _____ % **Teacher Initials** _____

Overall Course Grade: _____ %

Parent Signature: _____

Retake Test Grade: _____ %

Students must return this form with a parent signature within two days of receiving test results to retake the test.