

Common Core Math Unit Plan



Unit Name:	Linear Functions & Equations Course: CC Math 2 Time Frame: 6 weeks
Sub-Topics	Define, Evaluate and Compare Functions (in graphs, tables, equations, or verbal descriptions); Understand <i>y</i> =m <i>x</i> + b; Similar Triangles and Slope; Use Linear Functions to Model Relationships Between Quantities; Understand Connections Between Proportional Relationships, Lines and Linear Equations; Analyze graphs of Linear Functions in Context
Big Idea	A special mathematical rule assigns to each member of one set a unique member of another set. These mathematical rules can be described using words, tables, graphs and equations.
	Story Board/ Unit Flow
Hook W	Getting Precise: What is a unction? Does the Data Represent a Function? Getting Problem Solving #1: Proportional Relationships Graph, Slope & Equation Getting Precise: Prove slope is constant for a line & derive y=mx
Problem Solving: Comparin g slopes/ rates	Getting Precise: Derive y=mx+b Getting Precise: Writing & Graphing Equations Graphing Equations Getting Precise: Writing & Graphing Equations Froblem Solving: Relating words, equations, tables and graphs Getting Precise: Writing & Graphing Equations Interpreti ng Graphs