

DAY IN UNIT	*Content Strand *Learning Target -I Can *Essential Questions -WHY?? -How do you know? Curriculum document Common Core	Vocabulary/ Vocab Activity Activities Activities II	Thoughtful Ed./ Student Engagement www.marshall.kyschools.us/ www.muhenberg.kyschools.us/?q=node/61 Engagement Cube Cube II (examples)	Literacy/Reading in the Content Literacy Ideas	Formative/ Summative Assessment F –Formative S-Summative www.act.org/standard/guides/explore/ Strategies More Ideas	Differentiation T-Task S-Special Needs G-Gifted/Accel. http://serge.ccsso.org/ Ideas 9 Types Big Explanation Tool	Technology 50 Ideas
1	8/9 N.Q.2 F.LE.1.b I CAN understand quantities and their relationships.	dependent quantity independent quantity x-axis y-axis coordinate plane	Personal Response: Students create their own experiment, graph their predicted results and label the independent and dependent quantities		Carnegie: “A Picture is Worth a Thousand Words”		Elmo Interwrite
2	8/10 N.Q.2 F.LE.1.b I CAN understand quantities and their relationships.		Match a graph to the correct scenario given, then title the graph. Analyze the results.		Carnegie: Check for Understanding		Elmo Interwrite
3	8/13 F.IF.1,5 I CAN analyze and sort graphs.	relation domain range function Vertical Line Test discrete graph continuous graph	Personal Response: Organize graphs into categories based on criteria set in groups and create titles for each group.		Carnegie: “A Sort of Sorts”		Elmo Interwrite
4	8/14 A.REI.10 F.IF.1,2,5,7a,9 I CAN recognize algebraic and graphical representations of functions	function notation increasing function decreasing function constant function function family abs. minimum abs. maximum	Graphing calculator activity to display graphs.		Carnegie: “There are Too Many Ways to Represent Functions”		Elmo Interwrite Graphing Calculators

5	8/15 A.REI.10 F.IF.1,2,5,7a,9 I CAN recognize algebraic and graphical representations of functions	linear functions exponential functions quadratic functions linear abs. value functions linear piecewise functions	Group graphs into function families, recognizing and describing patterns, similarities, and differences in graphs.		Carnegie: "There are Too Many Ways to Represent Functions," continued		Elmo Interwrite
6	8/16 A.CED.2 F.LE.1,2b I.IF.1,4,7a,9 I CAN recognize functions by characteristics		"Name and Graph that Function!" from a set of clues		Carnegie: "Functions Families for 200, Alex"		Elmo Interwrite
7	8/17 Cognitive Tutor					Online software differentiated to students' ability and level	Cognitive Tutor
8	8/20 A.CED.2 F.LE.1,2b I.IF.1,4,7a,9 I CAN recognize functions by characteristics				Carnegie: "Functions Families for 200, Alex" Outline for describing and comparing graphs and their functions		Elmo Interwrite
9	8/21 Study Guide				Study Guide		
10	8/22 Test				Test		