

High School Weekly Lesson Plan Template–Unit 6 Comparing Functions

Unit	Course Name: Algebra 1 C&C	Notes	
Day 1-2	MAP Test	Resources: IXL, Delta Math, Desmos, Inspire Activities	
Day 3	A.FGR.9: Construct and analyze the graph of an exponential function to explain a mathematically applicable situation for which the graph serves as a model; compare exponential with linear and quadratic functions. ● A.FGR.9.1 Use function notation to build and evaluate exponential functions for inputs in their domains and interpret statements that use function notation in terms of a context. ● A.FGR.9.2 Graph and analyze the key characteristics of simple exponential functions based on mathematically applicable situations. ● A.FGR.9.5 Compare characteristics of two functions each represented in a different way. LT: I can compare and contrast linear, quadratic, and exponential functions. SC: ● I can recognize the differences between the equations of linear, quadratic, and exponential functions.		

Days 4-5	A.FGR.9: Construct and analyze the graph of an exponential function to explain a mathematically applicable situation for which the graph serves as a model; compare exponential with linear and quadratic functions. ● A.FGR.9.1 Use function notation to build and evaluate exponential functions for inputs in their domains and interpret statements that use function notation in terms of a context. ● A.FGR.9.2 Graph and analyze the key characteristics of simple exponential functions based on mathematically applicable situations. ● A.FGR.9.5 Compare characteristics of two functions each represented in a different way. LT: I can compare and contrast linear, quadratic, and exponential functions. SC: ● I can recognize the differences between the graphs of linear, quadratic, and exponential functions. ● I can recognize the differences between the tables of linear, quadratic, and exponential functions. ● I can compare average rate of change, end behavior, intercepts.		
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