

Daily Agenda Unit 1B Algebra C&C

Unit 1B *for additional curriculum information, please visit the district's resource High School Pacing Guides or Georgia's K-12 Standards	Course Name: Algebra I Modeling Unit Functions	Considerations or scaffolds for Support
Day 1	<p>Standard(s): A.MM.1.1 & 4 and A.FGR.2.1 & 2</p> <p>LT:</p> <ul style="list-style-type: none"> ● I can use arithmetic sequences to describe patterns. ● I can identify arithmetic sequences in linear functions to describe real world phenomena. ● I can construct and interpret graphs of linear functions. <p>SC:</p> <ul style="list-style-type: none"> ● I can find the common difference. ● I can create unknown points from given points and common difference ● I can use the explicit and recursive formulas to create a linear equation from an arithmetic sequence. <p>Lesson/Activity: Arithmetic Sequences</p>	<p>Resources: Desmos, IXL, Delta Math, Inspire, Pear Assessment</p>
Day 2	<p>Standard(s): A.MM.1.1,4 A.FGR.2.1,2</p> <p>LT:</p> <ul style="list-style-type: none"> ● I can use arithmetic sequences to describe patterns. ● I can identify arithmetic sequences in linear functions to describe real world phenomena. ● I can construct and interpret graphs of linear functions. <p>SC:</p> <ul style="list-style-type: none"> ● I can find the common difference. ● I can create unknown points from given points and common difference 	

	<ul style="list-style-type: none"> I can use the explicit and recursive formulas to create a linear equation from an arithmetic sequence. <p>Lesson/Activity: Arithmetic Sequences</p>	
Day 3	<p>Standard(s): A.MM.1.1,4 A.FGR.2.1,2</p> <p>LT:</p> <ul style="list-style-type: none"> I can use arithmetic sequences to describe patterns. I can identify arithmetic sequences in linear functions to describe real world phenomena. I can construct and interpret graphs of linear functions. <p>SC:</p> <ul style="list-style-type: none"> I can find the common difference. I can create unknown points from given points and common difference I can use the explicit and recursive formulas to create a linear equation from an arithmetic sequence. <p>Lesson/Activity: Arithmetic Sequences</p>	
Day 4	Quiz on Arithmetic Sequences	
Day 4	<p>Standard(s): A.MM.1.1,2,5 A.FGR.2.2,4</p> <p>LT:</p> <ul style="list-style-type: none"> I can read and interpret function notation in real-world applications. I can analyze the validity of a mathematical model in a real-world application. <p>SC:</p> <ul style="list-style-type: none"> I can identify function notation and differentiate it from multiplication notation I can identify the input value and substitute in for x I can identify the input value on a graph and find the corresponding y value I can answer questions about mathematical models and validate the reasonableness of my choices <p>Lesson/Activity: Intro to Functions</p>	

Day 5	<p>Standard(s): A.MM.1.1,2,5 A.FGR.2.2,4</p> <p>LT:</p> <ul style="list-style-type: none"> ● I can read and interpret function notation in real-world applications. ● I can analyze the validity of a mathematical model in a real-world application. <p>SC:</p> <ul style="list-style-type: none"> ● I can identify function notation and differentiate it from multiplication notation ● I can identify the input value and substitute in in for x ● I can identify the input value on a graph and find the corresponding y value ● I can answer questions about mathematical models and validate the reasonableness of my choices <p>Lesson/Activity: Function Notation</p>	
Day 6	<p>Standard(s): A.MM.1.1,4 A.FGR.2.1,2,4</p> <p>LT:</p> <ul style="list-style-type: none"> ● I can read and interpret function notation in real-world applications. ● I can analyze the validity of a mathematical model in a real-world application. <p>SC:</p> <ul style="list-style-type: none"> ● I can identify function notation and differentiate it from multiplication notation ● I can identify the input value and substitute in in for x ● I can identify the input value on a graph and find the corresponding y value ● I can answer questions about mathematical models and validate the reasonableness of my choices <p>Lesson/Activity: Writing equations and graphing functions</p>	
Day 7	Quiz	
Day 8	<p>Standard(s): A.MM.1.1,4 A.FGR.2.1,2,4</p> <p>LT:</p> <ul style="list-style-type: none"> ● I can construct and interpret graphs of linear functions. ● I can write an equation given a real world problem. 	

	SC: Lesson/Activity: Graphing in slope intercept form	
Day 9	Standard(s): 8.FGR.5 D LT: <ul style="list-style-type: none"> • I can construct and interpret graphs of linear functions. • I can write an equation given a real world problem. SC: Lesson/Activity: Graphing equations in standard form	
Day 10	Standard(s): 8.FGR.5 D LT: <ul style="list-style-type: none"> • I can construct and interpret graphs of linear functions. • I can write an equation given a real world problem. SC: Lesson/Activity: Writing equations and graphing functions	
Day 11	Standard(s): 8.FGR.5 D LT: <ul style="list-style-type: none"> • I can construct and interpret graphs of linear functions. • I can write an equation given a real world problem. SC: Lesson/Activity: Writing equations and graphing functions	
Day 12	Standard(s): A.MM.1.1,2,4,5 and A.FGR,2.2,3,4 LT: <ul style="list-style-type: none"> • I can construct and interpret graphs of linear functions • I can use function notation to build and evaluate linear functions 	

	<ul style="list-style-type: none"> I can determine appropriate domain and range values given a context SC: Lesson/Activity: Characteristics of Linear Functions	
Day 13	Standard(s): A.MM.1.1,2,4,5 and A.FGR.2.2,3,4 LT: <ul style="list-style-type: none"> I can construct and interpret graphs of linear functions I can use function notation to build and evaluate linear functions I can determine appropriate domain and range values given a context SC: Lesson/Activity: Characteristics of Linear Functions	
Day 14	QUIZ	
Day 16	Standard(s): A.MM.1.1,2,4,5 and A.FGR.2.2,3,4 LT: <ul style="list-style-type: none"> Students will look at various functions in context and determine the appropriate domain and range. SC: Lesson/Activity: Domain & Range	
Day 17	Standard(s): A.MM.1.1,2,4,5 and A.FGR.2.2,3,4 LT: <ul style="list-style-type: none"> Students will look at various functions in context and determine the appropriate domain and range. SC: Lesson/Activity: Domain & Range	
Day 18	Review for Test	
Day 19	Test Unit 1B Test Projected Test Date October 18, 2024	