Algebra

Unit Title: Functions, Scatter Plots, and Sequences State Standards: FA.FBF.3, FA.FIF.1, FA.FIF.2, FA.FIF.4, FA.FIF.5, FA.FIF.7, FA.FIF.9, 6FA.SPID.5, FA.SPID.

Standards	As a result of this lesson Goals the student will be able to:	Activities Instructional (aligned, Plan sequenced, build, time)	Student (Thinking & Problem Solving, Work Real World)	Assessment (aligned, rubrics, >2, written)	Grouping Method	Materials	Accommodations (IEP, 504, ESOL)
FA.FIF.2 FA.FIF.4 FA.SPID.6	Evaluate functions and interpret the meaning of expressions involving function notation from a mathematical perspective and in terms of the context when the function describes a real-world situation. Interpret key features of a function that models the relationship between two quantities when given in graphical or tabular form. create scatterplots and analyze those plots to compare the fit of linear models	Warm up problem CS10.1 – Reading Graphs and the Rectangular Coordinate System	 Complete warm up problem. Take notes on CS9.6 Read bar and line graphs. Define rectangular coordinate system and plot ordered pairs of numbers. Graph paired data to a scatter diagram. Determine whether an ordered pair is a solution to an equation in two variables. Find the missing coordinate or an ordered pair solution given one coordinate of the pair. Problems in mymathlabforschool.com 	Performance on warm up problem Walk room to ensure adequate notetaking. Walk room during completion of problems in computer to assist as needed. Performance on assigned lesson in computer. Performance on problems in mymathlabforschool.com	Whole group, Individual,	Notes for CS10.1 Textbook Workbooks Calculators Computers	Applies to IEP/504 Priority seating Modeling, pair up with partners if needed

Tuesday	FA.FIF.2 FA.FIF.4 FA.SPID.6	Evaluate functions and interpret the meaning of expressions involving function notation from a mathematical perspective and in terms of the context when the function describes a real-world situation. Interpret key features of a function that models the relationship between two quantities when given in graphical or tabular form. create scatterplots and analyze those plots to compare the fit of	Continuation of 10.1	Completing problems for CS10.1 in mymathlabforschool.com	Walk room to assess progress during problem completion Assist where needed.	Whole group, Individual, small group	Textbook Workbooks Calculators Computers	Applies to IEP/504 Priority seating Modeling, pair up with partners if needed
Wednesday	FA.FIF.2 FA.FIF.4 FA.SPID.6	linear models Evaluate functions and interpret the meaning of expressions involving function notation from a mathematical perspective and in terms of the context when the function describes a real-world situation. Interpret key features of a function that models the relationship between two quantities when given in graphical or tabular form. create scatterplots and analyze those plots to compare the fit of linear models	Warm up problem Chapter 10.2 – Graphing Linear Equations	 Complete warm up problem. Take notes on CS10.2 Identify linear equations. Graph a linear equation by finding and plotting ordered pair solutions. Problems in mymathlabforschool.com 	 Performance on warm up problem Walk room to ensure adequate notetaking. Walk room during completion of problems in computer to assist as needed. Performance on assigned lesson in computer. Performance on problems in mymathlabforschool.com 	Whole group, Individual, small group	Textbook Calculators Workbooks computers	Applies to IEP/504 Priority seating Modeling, pair up with partners

	FA.FIF.2	Evaluate functions and	Warm up problem	Complete problems in	Performance on problems in	Whole group,	Textbook	Applies to IEP/504
		interpret the meaning of		mymathlabforschool.com	mymathlabforschool.com.	Individual, small	Calculators	Priority seating
		expressions involving	Continuation of 10.2			group	Computers	Modeling, pair up
		function notation from a			Assist where needed.	о .	·	with partners
		mathematical						-
		perspective and in terms						
		of the context when the						
		function describes a						
2		real-world situation.						
Thursday	FA.FIF.4	Interpret key features of						
		a function that models						
L L		the relationship						
		between two quantities						
		when given in graphical						
		or tabular form.						
	FA.SPID.6	create scatterplots						
		and analyze those plots						
		to compare the fit of						
		linear models						
	FA.FIF.2	Evaluate functions and	Warm up problem	Complete warm up problem.	Performance on warm up problem	Whole group,	Textbook	Applies to IEP/504
		interpret the meaning of		Take notes on CS10.3		Individual, small	Calculators	Priority seating
		expressions involving	Chapter 10.3 – Identifying	• Identify intercepts of a graph.	Walk room to ensure adequate	group	Workbooks	Modeling, pair up
		function notation from a	Intercepts	• Graph a linear equation by	notetaking.		Computers	with partners
		mathematical		finding and plotting intercepts.				
		perspective and in terms		• Identify and graph vertical and	Walk room during completion of			
		of the context when the		horizontal lines.	problems in computer to assist as needed.			
		function describes a		Problems in mymathlabforschool.com	Performance on assigned lesson in			
		real-world situation.			computer.			
A	FA.FIF.4	Interpret key features of			Deufermannen en anableme in			
idŝ		a function that models the relationship			Performance on problems in mymathlabforschool.com			
Friday		between two quantities			mymatmabiorschool.com			
		when given in graphical						
		or tabular form. Identify						
		key features including						
		intercepts.						
	FA.SPID.6	create scatterplots						
	TA.STID.0	and analyze those plots						
		to compare the fit of						
		linear models						
		mear models						
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* All plans are subject to change. Student progress will be monitored and adjustments will be made. NOTE:CS = Chapter Section. Example CS1.2 is Chapter 1 Section 2 in the textbook.