Teacher: Walczyk   Course: Foundations in Algebra   Period(s): 1   Week of: 3/19/18

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	Goals	As a result of this lesson the student will be able to:	Instructional Plan	Activities (aligned, sequenced, build, time)	Student Work	(Thinking & Problem Solving, Real World)	Assessment	(aligned, rubrics, >2, written)	Grouping Method	Materials	Accommodations (IEP, 504, ESOL)
Monday	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 linear models…	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	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

Thursday	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 Continuation of 10.2	Complete problems in mymathlabforschool.com	Performance on problems in mymathlabforschool.com. Assist where needed.	Whole group, Individual, small group	Textbook Calculators Computers	Applies to IEP/504 Priority seating Modeling, pair up with partners
Friday	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. Identify key features including intercepts. …create scatterplots and analyze those plots to compare the fit of linear models…	Warm up problem Chapter 10.3 – Identifying Intercepts	Complete warm up problem. Take notes on CS10.3 • Identify intercepts of a graph. • Graph a linear equation by finding and plotting intercepts. • Identify and graph vertical and horizontal lines. 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

* 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.