Teacher: Walczyk Course: Foundations in Algebra Period(s): 1 Week of: 4/16/18

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, FA.SPID.5, FA.SPID.6, FA.SPID.7, FA.SPID.8, FA.NQ.1, FA.NQ.2, FA.NQ.3

	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.4	Interpret key features of a function that models the relationship between two quantities when given in graphical or tabular form.	Warm up problem Chapter 3.1 – Graphing Relationships	Complete warm up problems Take notes and participate in lesson problems to reinforce concepts. • Match simple graphs with situations. • Graph relationships Complete classwork/homework	Performance on warm up problem Walk room to ensure adequate notetaking. Performance on worksheet problems	Whole group, Individual, small group	CS3.1 Notes CS3.1 worksheets Calculators	Applies to IEP/504 Priority seating Modeling, pair up with partners
Tuesday	FA.FIF.1	Understand that a function from one set (called the domain) to another set (called the range) assigns to each element of the domain exactly one element of the range.	Warm up problem Review 3.1 worksheet Chapter 3.2 – Relations and Functions	Complete warm up problem. Take notes on CS3.2 • Identify functions. • Find the domain and range of relations and functions. Actively complete CS3.2 worksheet.	Performance on warm up problem Performance on 3.2 worksheet. Walk room to ensure adequate notetaking. Assist during worksheet completion.	Whole group, Individual, small group	CS3.2 Notes CS3.2 worksheets Calculators	Applies to IEP/504 Priority seating Modeling, pair up with partners
Wednesday	FA.FIF.1	Represent a function using function notation and explain that F9x) denotes the output of a function f that corresponds to the input x.	Warm up problem Chapter 3.3 Writing Functions	Complete warm up problem. Take notes on CS3.3 • Identify dependent and independent variables. • Write an equation in function notation and evaluate a function for given input values.	Performance on warm up problem Performance on 3.3 worksheet. Walk room to ensure adequate notetaking. Assist during worksheet completion.	Whole group, Individual, small group	CS3.3 Notes CS3.3 worksheets Calculators	Applies to IEP/504 Priority seating Modeling, pair up with partners
Thursday	FA.FIF.5	Relate the domain and range of a function to its graph and, where applicable, to the quantitative relationship it describes.	Warm up problem Chapter 3.4 – Graphing Functions	Complete warm up problem. Take notes on CS3.4 • Graph functions given a limited domain. • Graph functions given a domain of all real numbers.	Performance on warm up problem Performance on 3.4 worksheet. Walk room to ensure adequate notetaking. Assist during worksheet completion.	Whole group, Individual, small group	CS3.3 Notes CS3.3 worksheets Calculators	Applies to IEP/504 Priority seating Modeling, pair up with partners

Friday	FA.FIF.4 FA.FIF.1 FA.FIF.1 FA.FIF.5	Interpret key features of a function that models the relationship between two quantities when given in graphical or tabular form. Understand that a function from one set (called the domain) to another set (called the range) assigns to each element of the domain exactly one element of the range. Represent a function using function notation and explain that F9x) denotes the output of a function f that corresponds to the input x. Relate the domain and range of a function to its graph and, where applicable, to the quantitative relationship it describes.	Quiz Prep– Sections 3.1-3.4 (p195)	Actively complete quiz prep on sections 3.1-3.4	Walk room to assess quiz progress and to give boost where needed.	Individual	Textbooks Calculators	Applies to IEP/504 Priority seating Modeling,

* 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.