

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)
<b>Monday</b>	FA.FIF.2	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.	Warm up problem  Chapter 10.2 – Graphing Linear Equations	Complete warm up problem.  Actively participate in problem review	Performance on warm up problem  Walk room problem review.  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.4	Interpret key features of a function that models the relationship between two quantities when given in graphical or tabular form.	Review homework from mymathlabforschool.com					
	FA.SPID.6	...create scatterplots and analyze those plots to compare the fit of linear models...						
<b>Tuesday</b>	FA.FIF.2	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.	Warm up problem  Chapter 10.3 – Identifying Intercepts	Complete warm up problem. Take notes on CS10.3 <ul style="list-style-type: none"> <li>Identify intercepts of a graph.</li> <li>Graph a linear equation by finding and plotting intercepts.</li> <li>Identify and graph vertical and horizontal lines.</li> </ul>	Performance on warm up problem  Walk room to ensure adequate notetaking.	Whole group, Individual, small group	Textbook Calculators Workbooks Computers	Applies to IEP/504 Priority seating Modeling, pair up with partners
	FA.FIF.4	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.						
	FA.SPID.7	Create a linear function to graphically model data from a real-world problem and interpret the meaning of the slope and intercept(s) in the context of the given problem.						
<b>Wednesday</b>	FA.FIF.2	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.	Warm up problem  Chapter 10.3 – Identifying Intercepts	Complete warm up problem. Take notes on CS10.3 <ul style="list-style-type: none"> <li>Identify intercepts of a graph.</li> <li>Graph a linear equation by finding and plotting intercepts.</li> <li>Identify and graph vertical and horizontal lines.</li> </ul>	Performance on warm up problem  Walk room to ensure adequate notetaking.	Whole group, Individual, small group	Textbook Calculators Workbooks Computers	Applies to IEP/504 Priority seating Modeling, pair up with partners
	FA.FIF.4	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.						
	FA.SPID.7	Create a linear function to graphically model data from a real-world problem and interpret the meaning of the slope and intercept(s) in the context of the given problem.						

Thursday	FA.FIF.2	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.	Warm up problem  Chapter 10.3 – Identifying Intercepts	Complete warm up problem. Take notes on CS10.3 <ul style="list-style-type: none"> <li>Identify intercepts of a graph.</li> <li>Graph a linear equation by finding and plotting intercepts.</li> <li>Identify and graph vertical and horizontal lines.</li> </ul>	Performance on warm up problem  Walk room to ensure adequate notetaking.	Whole group, Individual, small group	Textbook Calculators Workbooks Computers	Applies to IEP/504 Priority seating Modeling, pair up with partners
	FA.FIF.4	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.						
	FA.SPID.7	Create a linear function to graphically model data from a real-world problem and interpret the meaning of the slope and intercept(s) in the context of the given problem.						
Friday	FA.FIF.2	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.	Quiz – Sections 10.2 and 10.3	Actively complete quiz on sections 10.2 and 10.3	Walk room to assess quiz progress and to give boost where needed.	Individual	Quiz Computers	Applies to IEP/504 Priority seating Modeling, Retest in resource if needed
	FA.FIF.4	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.						
	FA.SPID.7	Create a linear function to graphically model data from a real-world problem and interpret the meaning of the slope and intercept(s) in the context of the given problem.						

\* 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.**