

Grade Level & Subject: Math 8	Teacher(s) Name: T. Jones, Ramsey, Sellars		Standards:8.PAFR.1.2,1.3,1.4,1.5,1,6
Unit Name: 4: Understand & Analyze Functions	Week 11: Oct 27th-Oct 31th	<i>Lesson plans may be modified due to academic needs of the students.</i>	Phone: 864-355-7000
<u>This week in FLEX: ALEKS</u>			

	Lesson Frame			
Day	Lesson Objective	Activities	Lesson Close	Turn In
Monday	We will determine if a function is linear or nonlinear using different representations. I will identify if a function shows a constant rate of change.	Purposeful Talk Points: How can you tell from a graph if a function is linear? What does a constant rate of change look like in a table?	Describe one way to tell if a function is linear.	Aleks 7 topics due this week
Tuesday	We will analyze functions using rate of change and initial value. I will find and interpret the rate of change and initial value from tables and equations.	Purposeful Talking Points: How can you tell if a function is increasing or decreasing? What do the rate of change and initial value tell you about a situation?	Explain how you can find the rate of change from a table or equation.	~DELTA MATH ~ALEKS
Wednesday	We will compare and analyze functions shown in tables, graphs, and equations. I will identify similarities and differences between functions in	Purposeful Talk Points: How can different representations show the same function in new ways? What features stay the same no matter how a function is represented?	Explain one advantage of using a graph versus a table to analyze a function.	~DELTA MATH ~ALEKS

	multiple representations.			
Thursday	We will describe key features of functions using graphs, tables, and equations. I will identify and explain a function's domain, range, and intervals of change.	Purposeful Talking Points: How can you find domain and range using a graph or table? What does it mean when a function is increasing, decreasing, or constant?	Describe how you can determine key features like intercepts and intervals of change by looking at a graph.	~DELTA MATH ~ALEKS
Friday	We will review and apply our understanding of function types, key features, and representations. I will use graphs and tables to compare and describe functions.	Purposeful Talking Points: Which representation helps you most when comparing functions and why? How can the rate of change and intercept help you describe or predict a situation?	Compare and contrast two functions that model different situations, explaining how their rates of change and intercepts affect their behavior.	~DELTA MATH ~ALEKS- check class board for the total topics Due today!!!!
Important Weekly Reminders: Delta Math due on Friday's				

FUNDAMENTAL 5 TEACHER CHECKLIST:	☐ FRAME THE LESSON	☐ RECOGNIZE & REINFORCE	☐ PURPOSEFUL TALK	☐ CRITICAL WRITING	☐ POWER ZONE
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