

McDonough Middle School

Remote Learning Lesson Plan Template

Learning Target (HTLS):MGSE8.F.5 (Analyze & sketch functional relationships)

1. I can sketch a function given the slope and y-intercept.
2. I can explain a real-world situation from an equation, table, or graph (explain the rate of change/slope and the y-intercept in the context). (linear only)
3. I can create the equation, table or graph for a real-life situation. (linear only)
4. I can describe a relationship as increasing or decreasing, linear or nonlinear, from an equation, table or graph.

Content	Tech Tool	Print Option:	Assignment (Title for Gradebook Entry):
Math MGSE8.F.5 Describe qualitatively the functional relationship between two quantities by analyzing a graph (e.g., where the function is increasing or decreasing, linear or nonlinear). Sketch a graph that exhibits the qualitative features of a function that has been described verbally. Investigate patterns of association in bivariate data.	Hardware: Chromebook Software: Khan Academy – Function & Slope Learning Platform: Explore Learning- Points, Lines and Equations Gizmo  PointsLinesEquationsSE.docx	Unit 4 Study Guide  8th_unit_4_study (1).pdf	Function Review

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Steps:

1. Students will watch the Function Rap YouTube Video.
2. Students will join the [Khan Academy](#) class (with class code **6J69WET3**). Once students have joined the class, students will be expected to watch all assigned function and slope videos and assignments.
3. Students will log onto the [Explorelearning platform](#) and complete the Points, Lines and Equations Assignment (Student Exploration Sheet located below) and the electronic quiz located under the launched Gizmo (assignment). Upload completed Student Exploration Sheet to Google Classroom. **THIS WILL BE GRADED!!!!**



PointsLinesEquationsSE.docx

4. Which is which is an activity provided from the Department of Education that allows students to explore functions in a real world situation. This can be completed for ENRICHMENT PURPOSES. If this is completed please feel free to email a completed copy to your teacher!



which is which.pdf

Watch (Hook)	PLAY (practice/expand)	Arts Integration
Function Rap YouTube Video	Math Games: Graph a Line from an Equation	