Mathematics-Functions
Assessment Chart using Ohio's New Learning Standards –Extended Standards and Learning Progressions (Task Analyses)

Grade Level Standard			Extended Standard Most _ Least Complex Complex		Learning Progressions (Task Analyses)		
8.F 8.6 Describe qualitatively the functional relationship between two quantities by analyzing a graph (e.g., where the function is increasing or decreasing, linear or non linear). Sketch a graph that exhibits the qualitative features of a function that has been described verbally.	F.68.1a Determine whether an ordered pair is viable solution to a given linear function.	F.68.1b Classify graphs of functions as linear or non-linear.	F.68.1c Determine whether the line is increasing (going up), decreasing (going down) or flat.	LP1 Answers simple questions using gestures and/or vocalizations Or Chooses between 2 items using eye gaze, voice output device or reaching for correct item.	LP2 Follows directions. Understands "Give me". Responds to where questions Or Follows directions by activating voice output or other switch to participate (errorless choice).	LP3 Responds with a smile. Shows understanding of some words. Visually follows movement of objects. Incorrect response (participated).	LP4 Looks at named object. Turns head to find sound.

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8.F 8.6 Describe qualitatively the functional relationship between two quantities by analyzing a graph ((e.g. where the function is increasing or decreasing, linear or non-linear). of the graph	F.68.2a Determine whether a function is linear or non-linear given the equation.	F.68.2b Match a function to its graph.	F.68.2c Determine whether the slope of the function is positive, negative or flat.	LP1 Answers simple questions using gestures and/or vocalizations Or Chooses between 2 items using eye gaze, voice output device or reaching for correct item.	LP2 Follows directions. Understands "Give me". Responds to where questions Or Follows directions by activating voice output or other switch to participate (errorless choice).	LP3 Responds with a smile. Shows understanding of some words. Visually follows movement of objects. Incorrect response (participated).	LP4 Looks at named object. Turns head to find sound.

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8.F 8.4 Construct a function to model a linear relationship between two quantities. Determine the rate of change and initial value of the function from a description of a relationship or from two (x, y) values, including reading these from a table or from a graph. Interpret the rate of change and initial value of a linear function in terms of the situation if models, and in terms of its graph or table of values.	F.68.3a Graph a linear function.	F.68.3b Determine the x and y intercept points for a linear graph.	F.68.3c Identify two points on a linear graph.	LP1 Answers simple questions using gestures and/or vocalizations Or Chooses between 2 items using eye gaze, voice output device or reaching for correct item.	LP2 Follows directions. Understands "Give me". Responds to where questions Or Follows directions by activating voice output or other switch to participate (errorless choice).	LP3 Responds with a smile. Shows understanding of some words. Visually follows movement of objects. Incorrect response (participated).	LP4 Looks at named object. Turns head to find sound.