Rotation 1: Introduction to Functions

Content Area: **Mathematics**
Course(s):
Time Period: **Default**
Length: **Rotation 1**
Status: **Published**

Summary

Determine whether or not graphs, tables, or rules represent functions.

Standards

MA.8.F.A.1	Understand that a function is a rule that assigns to each input exactly one output. The graph of a function is the set of ordered pairs consisting of an input and the corresponding output.

Materials

Desmos Grade 8 Unit 5

Lesson 1: Turtle Crossing Making Sense of Graphs

- I can make connections between scenarios and the graphs that represent them.

Lesson 2: Guess My Rule Introduction to Functions

- I can write rules when I know input-output pairs.
- I know that a function is a rule with exactly one output for each allowable input.
- I can identify rules that do and do not represent functions.

Lesson 3: Function or Not? Graphs of Functions and Non-Functions

- I can explain why a graph does or does not represent a function.
- I can use precise language to describe functions (e.g., “is a function of” or “determines”).

Lesson 4: Window Frames Functions and Equations

- I can represent a function with an equation.
- I can name the independent and dependent variables for a function.

Assessment

- Observation
- Cool Downs
- Quizzes