

Performance Indicator	1	2	3	4
Students will determine if a relation is a function and use function notation appropriately.	I can define a relation and a function.	I can classify which variables belong in the domain or range.	I can decide if a relationship between two quantities is a function, and I can apply function notation properly.	I can create a function rule to model two quantities.
Students will analyze functions using different representations.	I can summarize a representation of a function.	I can compare more than one representation of a function.	I can draw conclusions about functions based on more than one representation.	I can choose which representation best represents a problem and defend my choice.
Students will build and translate functions that model the relationship between two quantities (a/b only).	I can describe the relationship between two quantities.	I can model the relationship between two quantities with a function.	I can reconstruct a function to model a relationship that has changed from the original.	I can compose two functions and use that to determine if functions are inverses.
Students will interpret functions that arise in applications in terms of the context.	I can identify dependent and independent variables.	I can explain different parts of a function.	I can examine a function and describe its key features in terms of the context of the problem.	I can describe how the rate of change can vary over a given interval.