Name: _____   Date: _____

Achievement Check Rubric

Category	Level 1	Level 2	Level 3	Level 4
Knowledge/ Understanding	• demonstrates limited knowledge of how to identify dependent and independent variables and construct a scatter plot	• demonstrates some knowledge of how to identify dependent and independent variables and construct a scatter plot	• demonstrates considerable knowledge of how to identify dependent and independent variables and construct a scatter plot	• demonstrates a thorough knowledge of how to identify dependent and independent variables and construct a scatter plot
Thinking	• uses planning and critical thinking processes with limited effectiveness (e.g., little evidence of inference in identifying outliers and making interpolations)	• uses planning and critical thinking processes with some effectiveness (e.g., some evidence of inference in identifying outliers and making interpolations)	• uses planning and critical thinking processes with considerable effectiveness (e.g., considerable evidence of inference in identifying outliers and making interpolations)	• uses planning and critical thinking processes with a high degree of effectiveness (e.g., detailed evidence of inference in identifying outliers and making interpolations)
Communication	• expresses and organizes mathematical thinking with limited effectiveness • uses mathematical vocabulary and notation with limited effectiveness	• expresses and organizes mathematical thinking with some effectiveness • uses mathematical vocabulary and notation with some effectiveness	• expresses and organizes mathematical thinking with considerable effectiveness • uses mathematical vocabulary and notation with considerable effectiveness (e.g., uses good form for making statements re: identifying dependent and independent variables, describing the relationship, etc.)	• expresses and organizes mathematical thinking with a high degree of effectiveness • uses mathematical vocabulary and notation with a high degree of effectiveness (e.g., uses very good form for making statements re: identifying dependent and independent variables, describing the relationship, etc.)
Application	• applies knowledge to this context with limited effectiveness (e.g., makes a scatter plot, finds outliers and makes estimates with considerable assistance)	• applies knowledge to this context with some effectiveness (e.g., makes a scatter plot, finds outliers and makes estimates with some assistance)	• applies knowledge to this context with considerable effectiveness (e.g., makes a scatter plot, finds outliers and makes estimates with minimal assistance)	• applies knowledge to this context with a high degree of effectiveness (e.g., makes a scatter plot, finds outliers and makes estimates accurately and independently)