

Item # _____

Whirligig Challenge: Data Analysis

Name: _____

Analyzing and Interpreting Your Data/Results: Identify a trend (a pattern in your data). Then write a claim (a statement of what you now understand) based on the trend.

end:

Claim:

Reflect:

- 1) What variable were you investigating in your experiment (independent variable)?
- 2) List all of the variables you tried to hold constant in your experiment?
- 3) How consistent was your set of data? Why is consistency in repeated trials important in an experiment?
- 4) Do you think that the data set you collected was useful in determining the effect your variable had on the fall of the whirligig? Explain why or why not.
- 5) What do you think you now know about how things fall that would allow you to design a better whirligig than the one you started with?