

Name _____

Identifying and Interpreting Data (I²) Tool

(Adapted from BSCS (2012). *I can: Student*. Retrieved from <http://bscs.org/mss>)

Identify

Interpret

What I See		What It Means
What changes or differences do you see in the graph, table, or figure*?	Where/when do you see this happening in the graph, table, or figure?	What do the changes or differences mean? What relationships do you see?

*Potential changes or differences: What is the highest and/or lowest point? Where is there an upward and/or downward slope? Where do numbers increase and/or decrease? What stands out? What patterns do you see? Where is there more and/or less?

Topic Sentence

What does this graph, table, or figure show? Hint: What are the labels? What is the title?

This (graph, table, or figure) shows _____.

Construct a Caption

Using the information in the boxes you have completed, write a caption for this graph, table, or figure that includes:

- A topic sentence that describes what the graph, table, or figure shows
- Each change or difference identified in “What I See”
- A comment for each change or difference about “What It Means”

Caption