# Identifying and Interpreting Data ($I^2$) Tool


<table>
<thead>
<tr>
<th>Identify</th>
<th>Interpret</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>What I See</strong></td>
<td><strong>What It Means</strong></td>
</tr>
<tr>
<td>What changes or differences do you see in the graph, table, or figure*?</td>
<td>Where/when do you see this happening in the graph, table, or figure?</td>
</tr>
<tr>
<td></td>
<td>What do the changes or differences mean? What relationships do you see?</td>
</tr>
</tbody>
</table>

*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**

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This (graph, table, or figure) shows __________. It illustrates _______________.

The change in __________ indicates _______________. This suggests that _______________.