Investigation Design Diagram (IDD)

for Secondary Research Projects

Title:

Question:

Hypothesis and Prediction Statement:

I.V. (Independent Variable: name and units)
Source of Data: ________________________________
Range of readings of the IV: Lowest value: _____ (units:_____ ) Highest value: ______________ (units _____)
Number of Data Points: __________________________ (Trials)
Time span over which the data was collected (if appropriate): From: ___________ To: ___________

Data analysis strategy:* (How will you analyze your data? What types of graphs will you make? Will you mean or averages, modes or medians?)

D.V. (Dependent Variable: name and units)
Source of Data for your DV: ________________________________

Constants:

# Investigation Design Diagram (IDD)

## for Secondary Research Projects

**Title:** *The effect of ___IV___ on ___DV___ (be very specific about your IV and DV)*

**Question:** How will ___IV___ affect ___DV___?

**Hypothesis and Prediction Statement:** *If ___(describe a change in the IV)___ then ___(describe how you expect the DV to change in response)___ because ___(provide one or more science concepts that you have learned about that help explain the connection between the change in the IV and DV)___*

### I.V. (Independent Variable: name and units)

| Source of Data: | ________________________________ |
| Range of readings of the IV: | Lowest value: _______ (units:_______)    Highest value: ______________ (units _______) |
| Number of Data Points: | ________________________________ (Trials) |
| Time span over which the data was collected (if appropriate): | From: ______________ To: ______________ |

**Data analysis strategy:** *(How will you analyze your data? What types of graphs will you make? Will you mean or averages, modes or medians?)*

### D.V. (Dependent Variable: name and units)

| Source of Data for your DV: | ________________________________ |
Constants: