

# 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:** *If \_\_(describe a change in the IV)\_\_ then \_\_(describe how you expect the DV to change)\_\_ 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:**