

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)

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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: