Research Plan

Name________________________

E = Excellent  S=Satisfactory  N=Needs Improvement

Student Evaluation  Teacher Evaluation

Problem

Research question is stated in a researchable way
Research question is stated in a researchable way
Reason for choosing the topic is clear and relevant

Hypothesis

If…, then… statement
If…, then… statement
Contains the independent variable (IV)
Contains the dependent variable (DV)

Methods and Procedures

Materials are listed, with proper quantities
Materials are listed, with proper quantities
Variables are correctly identified
Variables are correctly identified
Describes how the IV will be changed
Describes how the IV will be changed
Describes how the DV will be changed
Describes how the DV will be changed
Will yield valid results
Will yield valid results
Steps are listed in a clear, logical order
Steps are listed in a clear, logical order
Metric units are used appropriately
Metric units are used appropriately
Includes adequate trials and/or sample size
Includes adequate trials and/or sample size
Diagrams are clear and are included as needed
Diagrams are clear and are included as needed
Safety considerations are identified and addressed
Safety considerations are identified and addressed
MSDS (for chemicals) sheets are included as needed
MSDS (for chemicals) sheets are included as needed

Certifications (5)

ISEF Forms (1, 1A & 1B) are complete
ISEF Forms (1, 1A & 1B) are complete

Other (5)

Paper is neat, organized, and legible
Paper is neat, organized, and legible