EVALUATING SCIENTIFIC INVESTIGATIONS STRATEGIES

QUESTION

What is being investigated?
What are they trying to find out?
What is the problem?



CONCLUSION

Based on the analysis, how can the results be summarized?

Is the hypothesis supported; why or why not? Can a prediction be made based on the results?



ANALYSIS

What do the results show?

How did the dependent variable change as a result of the indepdent variable?

Is there a trend in the data?



What do they think is going to happen because of the changes they are manipulating?



EXPERIMENT

What are the independent and dependent variables?

Which is the control group?

What are the constants?

Are the steps in a logical order?

What are the properties that are being measured? What are the appropriate tools and units.

