

C2C-4 Language Arts
Scientific Reading: Article Summary

ARTICLE ELEMENT

Reference: (author(s). Date. Name of article. Journal, pp.

Problem: What question are the authors wondering about? Can you turn the title into a question?

Hypothesis: What do the authors predict will be the outcome of the investigation? (*HINT: Some research articles do not have both questions and hypotheses*)

Literature review: What research has been done previously on this question? Why is more research needed? What kind of research is needed? *Use Reciprocal Teaching with each paragraph, pp. 66-67: Predict, Read, Clarify, Question, Summarize. Write a summary sentence for each paragraph.*

Sample (*what students, how many involved in study, what school level/grade, demographic info*)

Dependent Variable(s): What outcome data do the authors use to define reading failure:

1. Test-based failure

2. Teacher-ID failure

Independent Variable(s): How do the authors group the children in order to investigate their question?

Results:

1. Test-based reading failure

Look at Table 2 on p. 68. Do you think there is a significant difference in the percent of boys compared to girls who failure in reading according to test results? Why or why not?

Now look at the paragraph above. A significant difference would be indicated by a p. (probability) of .05 or less. Did the authors find a significant difference in percent of boys compared to girls?

2. Teacher-identified reading failure

Look at Table 3 on p. 69. Do teachers identify significantly more boys than girls in either the LD or Chapter One category? Why do you think this happens?

Discussion: Use Reciprocal Teaching to Read, Clarify, Question, and Summarize each paragraph in this section. Write a summary sentence for each paragraph.