



# CRS

**COMMUNITY RESOURCES FOR SCIENCE**  
practical support for great science teaching

1611 San Pablo Avenue, Suite 10 B  
Berkeley, CA 94702

(510) 527-5212 | [www.crscience.org](http://www.crscience.org)

## Journal Components

## Possible Prompts

### Experimental Record

Question/Problem/Challenge  
Hypothesis  
Description of Procedure or Test  
Observations and Data  
Identification of any variation in individual and class shared data  
Analysis of shared data  
Conclusion Statement

What is the key question or problem I hope to solve?  
What do I think the solution might be?  
How will I explore or test my idea?  
What did I observe? (Writing, drawings, measurements)  
  
How did the data vary? What factors might have affected the results?  
A summary of the data is ...(graphs, key findings, drawings, descriptions)  
What can I say about the question based on this evidence?

### Learning Notes

Existing Idea or Knowledge  
Discussion and Teacher Presentation Notes  
Research Notes  
Reflection on Original Idea  
Remaining Questions or New Questions  
Possible Ways to Pursue Answers

What do I know about this subject so far?  
What other ideas were presented about this subject?  
I looked for information in ... The author said ... because ...  
I thought .... Now I think .....  
I'd like to know more about ...  
I might find out more by ...

### References

Glossary  
Related Reading

### Note:

*One way to organize journals is to assign one page for the Experimental Record and one for the Learning Notes for each investigation. Journals can also include worksheets to help organize data or provide special sentence frames unique to the investigation. References are usually located in the back. Color coding can help student find particular sections.*