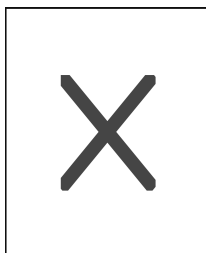


## SCIENCE FAIR RESEARCH LOGS

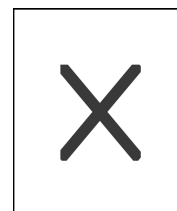


Every research worker keeps a research log recording all work done on his or her project. The Science Department will issue a waterproof research log to every research student who has produced an acceptable proposal. It remains the property of the department and must be kept up-to-date for examination on demand by the advisor.

The research log is a diary, detailing all activities. It is kept in ink, with no erasures or other obliterations. Errors may be corrected by crossing out with a single line. Clippings and other materials may be taped into the book.

**Contents of the log:** On the first page, write your name, address, phone number, and the name of your advisor. Then write your problem statement and a brief summary of the kind of experiment you plan to do. All other entries start with the date and location of the activity. You should record all of the following activities:

1. Conference with advisor. Write a brief summary of the discussion and any conclusions reached.
2. Telephone calls. Specify the contact person and tell what the conversation was about.
3. Library/Internet research. Write a brief statement of the pertinent points that you found in your reading. Describe the item in the proper literature cited format, for later inclusion into your research paper.
4. Thought about your project, including new ideas, changes of program, plans for things to be done, revisions of the problem statement, etc.
5. Descriptions of the experimental setup and any changes in design.
6. Data taken while doing the actual experiment.



### SOME SAMPLE ENTRIES:

**10/19/2008** Meeting with Ms. Maben. She suggested further library work to see if anyone has measured the intensity of moonlight on Jordan High during Halloween.

**10/20/2008** LBCC Library

1. Balmar, A. 1982. Long Beach Moonbeams. Skywatch 8:47-51. This article said nothing about intensity, just color.
2. Jack, W. 1997. Moonlight in LA. Tripleday & Co., New York. 102 pp. Intensity measurements were made at Shoreline Village. The book is very technical and I did not have time to study it well.

**10/22/2008** Light meter readings, Jordan HS parking lot. All values in foot-candles. Moon was full 10/18.

8:45 pm	0.78	sky hazy
9:30 pm	1.22	sky clear
11:05 pm	<del>5.74</del>	2.71 sky still clear

**10/24/2008** Called Dr. Simon George at CSULB (985-4806) Out of town until next week.

**10/26/2008** Jorge told me there is a new kind of light meter on the market and he will get details for me.