

## GRADE CRITERIA FOR SCIENCE RESEARCH PROJECTS

### 1. Logbook Final Grade – see attached rubrics (1 grade)

- a) At least 20 entries- must be detailed, one entry per page per day, you may write on the back of the page if it is the same day.
- b) All entries should be in ink and in a composition type notebook. No spiral notebooks or pencil entries will be accepted.
- c) Each entry should be *detailed* and neat.
- d) Include a page in the front of your logbook for each of the following: Title page, Table of Contents, Problem, Hypothesis, Materials, Procedures, Entries. Additional pages after the entries will be used for Results, Conclusion, Reference and Notecard Section. Suggestion: Use tabs to separate each section!!
- e) Entries should follow procedure page(s). Each entry on separate page.
- f) Each person, if working in teams, needs their own logbook.
- g) Experimental data should be clearly recorded in logbook.
- h) **All entries should be labeled with the following information at the beginning of each entry:**

**Date:**

**Time:**

**Activity:**

**Place:**

**Person(s) Present:**

**References used: (in MLA style- include a notation for page number as well; if applicable to entry)**

- i) Each person in the group needs to have their **own set** of 6 resource cards and 60 note cards from these resources. These need to be completely different from your partner's resources. Therefore if working in pairs, 12 references will be required instead of 6.

### 2. Abstract (1 grade)-To be included in final paper- see attached rubric

- a) typed
- b) 250 words or less (or be able to fit onto abstract form with 10-12 point font)
- c) short introduction
- d) purpose
- e) hypothesis
- f) procedure
- g) data(summarized)- quantitative
- h) observations- qualitative, brief
- i) conclusions
- j) correct spelling and sentence structure

### 3. Display board (1 grade)- see attached rubric

- a) hypothesis-clearly labeled or stated as title
- b) visuals- at least 3 photographs- at least one of you **doing the experiment** with appropriate safety equipment
- c) graph- titled and axes labeled
- d) procedure- detailed account of experiment/ may include model
- e) equipment used
- g) conclusion- 1 paragraph
- h) visually appealing

**4. Research paper (1 grade)- see attached rubric** See outline given in Science Research Project packet. Must include MLA documentation, double spaced, works cited with at least 6 sources, including periodical/journal (may be internet journal), Internet, and books. No more than one encyclopedia will be counted in with 6 sources. All sources listed in works cited list must be cited in text of paper.

**5. Teamwork- see attached evaluation form (1 grade)-** If you are working by yourself, your grade is automatically 100.

### 6. Overall grade- see attached rubric (3 grades)

One point will be deducted for each grammatical error and misspelled word on any assignment. Any assignment turned in late will result in the grade being halved for each day late!!!