

Dear Parents of Fifth through Eighth Graders:

The ALIS Science Fair that will be on _____.

Students in grades 5-7 can do a project in any science category. Students in grade 8 are required to do a project that deals with Life Science. Only humane projects are allowed.

All projects are worth 100 points and will be part of the third quarter grades

All projects will be required to follow the steps of Scientific Method:

1. Problem
2. Hypothesis
3. Material and Equipment
4. Experimental Procedure
5. Observations and Supporting Data
5. Conclusion
7. Display

A Report Guide, Grading Sheet and Project Proposal Sheet are attached.

Return Science Fair Proposal Sheet by _____.

Report Guide

Page 1 (title page)

On the first page include your title (the problem), your name, grade, school, teacher (me), and date of fair on separate lines and centered on the page.

Page 2 (Use words in CAPITALS as headings)

PROBLEM: Restate your problem

skip a line

HYPOTHESIS: Write your hypothesis

skip a line

MATERIAL AND EQUIPMENT: list neatly

New Page

EXPERIMENTAL PROCEDURE: Write a complete description of the procedure you used to do your experiment. Someone else should be able to redo your project using your instructions.

New Page

OBSERVATIONS AND DATA: Record your observations and data in a meaningful and easily understood way (i.e. graphs, charts, sequence of events, etc.)

New Page

CONCLUSION: Write your conclusion - include what happened, was your hypotheses correct what would you do different, and does it lead to a new experiment?

Collate the papers together with your approved Project Proposal Sheet and secure in a binder or with fasteners and **place with your display**. Science Project Grade Sheet should be loosely put in front of report. If a given segment goes beyond one page be sure and start a new page when instructed.

The last step is to make your display. Try to limit yourself to 2x3ft. space. Use color to make it attractive. Keep it neat because no one wants to look at clutter. Be creative, don't put up a black and white board and a plant and think you will receive all the points. **Include all the information required.** If you will need more room or electricity you will need to tell me ahead of time.

If you will be in need of a science fair display board let me know before January 30th so I can order them.

SCIENCE FAIR PROJECT GRADE WORKSHEET

Name _____

PROPOSAL (5 points)
Handed in on time (5pts) _____

INTERVIEW (20 points)
Could explain procedure (5pts) _____

Could explain observations (10pts) _____

Could explain conclusions (5pts) _____

DISPLAY (25 points)

Creative (5pts) _____

Neatness/Attractiveness (10pts) _____

Information on display (10pts)

Problem/title (2pts) _____

Hypothesis (2pts) _____

Data (2pts) _____

Conclusion (2pts) _____

Report (2pts) _____

REPORT (50 POINTS)

Title Page (5pts) _____

Problem (5pts) _____

Hypotheses (5pts) _____

Material & Equipment (5pts) _____

Procedure (10pts) _____

Data & Observations (10pts) _____

Conclusions (10pts) _____

Total points _____

ALIS SCIENCE FAIR PROJECT PROPOSAL SHEET

The following is my science fair proposal:

PROBLEM (What do you want to find out)

HYPOTHESIS (A guess of what will happen)

PROCEDURE (How and what you will do to prove your hypothesis)

DATA (What data I will collect and how I will display it)

Student's Signature _____

Parent's Signature _____