

Dear Parents,

March 8, 2010

Our science fair is just around the corner, and I wanted to give you a some details to help you with your child's project. The date of the science fair is Wednesday, April 21st through Friday, April 23<sup>rd</sup>. All students must have a tri-fold bulletin board. This board is due in class by Tuesday, April 20<sup>th</sup>. The following details should be included on this tri-fold board: The **left side** should consist of the problem and the hypothesis. This would be the student's thoughts about what the problem is and what they think will happen during their experimental stage and what they presume the end results to be. The **middle** of the board would be the procedure they used setting up the project/experiment and what effect the variables would have on it. This is where they would explain their project in detail. The **right side** of the tri-fold board would hold the results of the experiment. The student is to explain exactly what happened. The conclusion should summarize the experiment. This would include an explanation of the success or failure of the experiment.

**Here are the guidelines:**

1. Legitimate scientific investigation (students must not just print off info from the internet)
2. Follow the investigation plan (explained above)
3. Investigates a specific problem and offer a sound hypothesis
4. Includes sufficient sample size and or number of experiments or trials
5. Applies accurate measurement technique to ensure a valid conclusion

**Design and Display**

1. Interesting and informative title
2. Good color combination
3. Creative display of information
4. Straight, neat, logical arrangement
5. Pictures or drawings that illustrate the topic and procedures; equipment/materials displayed if possible
6. Type size (Font) and style that is easily read
7. Clear, accurate charts and or graphs, each titled and labeled

**Content**

Check your display board for clear, logical statement of the following:

1. Problem
2. Hypothesis
3. Procedure
4. Variables
5. Results
6. Conclusion

LCA Science Teachers