



Guidelines for CLES Science Fair Reviewers



Dear Reviewer,

Thank you for volunteering to review the projects at this year's Science Fair at CLES! Your encouragement of our students is very important. To facilitate the process of review, please follow the simple guidelines in this note.

A sample student project feedback form is included on the last page. *We will provide the printed forms for you during the Science Fair.* It is divided into four categories. Within each category are specific criteria to evaluate. If, in your opinion, the criteria were met, then make a check mark in the box. Please take the time to make *Constructive Comments* for all areas, especially exceptional work and areas that could use improvement. Be encouraging! Our students put in quite a bit of time on their projects.

Most criteria on the form will apply to both primary grade students (K- 2) and intermediate grade students (3 – 5). However, note that some items are grade level specific.

Scientific Method

- ✓ Project follows the Scientific Method
 - Primary* → Question, Prediction, Materials, Steps, and Conclusion
 - Intermediate* → Question, Hypothesis, Materials, Variables, Procedures, Data, Analysis, and Conclusion
- ✓ Conclusion answers the question
- ✓ Multiple experiments and/or large sample sizes

Technical Skill

- ✓ Majority of the work done by the student
- ✓ Student anticipated problems
- ✓ Precise data measurements

Presentation

- ✓ Easy to read
- ✓ Logically organized → Logical progression that leads observer through display
- ✓ Use of tables, graphs and illustrations
- ✓ Descriptive details
- ✓ Visually appealing → eye-catching
- ✓ Proper emphasis is given to important ideas

Creative Ability → Intermediate level only

✓ Topic was significant or unusual for the child's age

✓ Demonstrates creativity in question; approach; data analysis; etc.

Examples of Questions to ask the students (if they are present):

- Why did you choose this particular topic or problem?
- What would you change if you were to do it again?
- What did you learn?
- Did you encounter any problems? How did you solve or overcome it?
- Who or what do you think will benefit from knowing the answer to the question you asked in your project?



CLES Science Fair 2009 Feedback Form



Student's Name	Reviewer's Name
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Category	✓	Comments
Scientific Method		
States the question and prediction clearly	<input type="checkbox"/>	
Data supports the conclusion	<input type="checkbox"/>	
Uses defined variables (Grades 3-5)	<input type="checkbox"/>	
Technical Skill		
Verbally demonstrates knowledge of experiment and results (if student is present)	<input type="checkbox"/>	
Measured data is properly analyzed	<input type="checkbox"/>	
Presentation		
Data is presented clearly	<input type="checkbox"/>	
Display is well-organized	<input type="checkbox"/>	
Creative Ability (Grades 3-5)		
Project demonstrates originality	<input type="checkbox"/>	
Student had fun!	<input type="checkbox"/>	