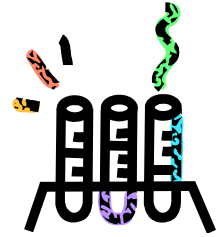


# Science Fair is Coming!!!



The Science team has been working hard to get Science Fair up and running for all of our K-8 students. All K-8 students from all Julian Charter School counties are welcome!

Three categories for judging are K-3, 4-6 and 7-8. Families that work together will be judged in the category for the oldest student. Projects will be graded according to the rubric below.

New this year: Grades 7-8 will include an interview about their project.

Projects may be completed in Voice Thread, Power Point, and/or Glogster for those long distance submissions. Long distance interviews (grades 7-8) will be through Elluminate or by telephone.

Here is the timetable to help you be successful with you science fair projects:

Recommended TimeLine	
March 2010	Decide question and conduct background research--be sure to use proper citations
	Formulate hypothesis
	Materials: Create list and gather
	Procedure: Define exactly what you are going to do and how you are going to do it.
April 2010	Run experiment/collect data
	Finish experiment, complete data analysis
May 2010	Create display board--poster or digital
May 3	Registration due (please see below)
May 10 2010	Come and compete--in person or virtual! Project drop off 9-11:00 a.m. May 10 at the Murrieta Meeting Center. Interviews start at 11:00 a.m.

**Helpful link:** <http://teacherweb.com/CA/JulianCharterSchool/PamelaGoalwin/h0.aspx>

Click on Science Fair 2010 for some great links!





## Scoring Rubric



Project Elements		Possible Score	Score	
Presentation: <ul style="list-style-type: none"> <li>• <b>Neatness</b></li> <li>• <b>Clarity of Text</b></li> <li>• <b>Use of images, graphics, tables, and graphs</b></li> </ul>		10		
<b>Testable question</b> references a cause and effect relationship and a measureable change	OR	<b>Proposed solution/invention</b> references a specific outcome and a measureable change	10	
<b>Background Research</b> is diverse, multiple sources, complete citations		10		
<b>Hypothesis</b> is based on background research		10		
<b>Variables</b> are clearly defined (independent, controlled, dependent) – may be worded as “What I changed,” “What I kept the same,” and “What I measured”		10		
<b>Materials</b> are appropriate and a detailed list is given		10		
<b>Procedure</b> is sequential and describes the investigation clearly		10		
<b>Data:</b> <ul style="list-style-type: none"> <li>• Quantitative data: numbers, standard metric units, scale made up by the student</li> <li>• Qualitative Data: words, descriptions of physical or behavioral changes</li> </ul>		10		
<b>Analysis:</b> describes the trends or patterns found in the data; may have comments on reasons for trends or patterns		10		
<b>Conclusion:</b> based on analysis of the data; acceptance or rejection of hypothesis or success of invention/solution; suggestions for further efforts		10		
<b>Acknowledgements:</b> if not cited already in research, those who helped with the project		5		
<b>Total Score</b>		105		

# Science Fair Registration

Registration deadline: May 3, 2010

**Student Name:** \_\_\_\_\_ **Grade:** \_\_\_\_\_

Additional Names (if group project):

\_\_\_\_\_ **Grade:** \_\_\_\_\_

\_\_\_\_\_ **Grade:** \_\_\_\_\_

EF Name: \_\_\_\_\_

Contact information:

Email: \_\_\_\_\_ Phone: \_\_\_\_\_

Project Name: \_\_\_\_\_

- Project boards can be dropped off at the Murrieta Meeting Center between 9:00 and 11:00.
- Virtual presentations must be emailed to [pgoalwin@juliancharterschool.org](mailto:pgoalwin@juliancharterschool.org) by May 9. You will receive a confirmation note when it is received.
- Students in grades 7-8 will be interviewed by judges. Appointments will begin at 11:00
- Email registration to [pgoalwin@juliancharterschool.org](mailto:pgoalwin@juliancharterschool.org) by May 3, 2010.

## Need help with your science board?

Come to the Murrieta Meeting Center on May 3, 10:00-12:00 with your empty board, your data and your supplies, and we'll help! We will have extra colored paper, fancy scissors and more to share. Note: Your experiment should be complete and ready to post on the board before you come in. Feel free to bring a laptop or a flash drive with your data. This session is optional!