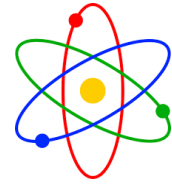




# Science Fair



MAESA SCHOLARS FAIR  
Friday April 29, 2022

## GUIDELINES

### Contact for Information:

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### Number of Projects:

**Five (5) maximum projects per school**  
Up to two students per project is allowed

### Age Groups:

Grades 4-6  
Grades 7-8

### Project Categories:

Life Science ♦ Earth Science ♦ Physical Science

### Restrictions/Limitations:

**Experiment**  
No animals may be used for any projects.

#### **Presentation**

Experimental models are accepted but not required. Maximum dimensions of project display: **3 x 4 feet**. Participants are responsible for bringing any necessary items such as extension cords, tape, stapler, etc.  
Laptop computers must be battery powered.

### **Please remember to indicate on the Registration Form if electrical outlet access is needed.**

Each project display must include an attached 3x5 card with the following:  
Student's Name  
Student's Grade  
School  
Project Category (see above)

### Set Up Time:

8:30 – 9:15 am

### Judging:

Grades 4-6 Judging times TBA (Closed to public viewing)  
Grades 7-8 Judging times TBA (Closed to public viewing)

All projects will be judged by at least three different judges.

### Judging Criteria:

See Rubric for specific criteria within the following areas:  
Use of Scientific Method  
Data Collection  
Display Board/Visual Presentation  
Clarity of Oral Presentation

**Judges:** *Please indicate on the Registration Form the names and contact info of the faculty and volunteers who have agreed to help with the judging of this event. Each participating school needs to bring one judge who will judge both the Grades 4-6 event and the Grades 7-8 event.*

## 2022 MAESA SCHOLARS FAIR SCIENCE RUBRIC

**Student Name(s):** \_\_\_\_\_

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

**School:** \_\_\_\_\_

**Category:**       Life Science       Earth Science       Physical Science

Each category will be rated on a scale from one to four points. Four indicates that all criteria have been successfully accomplished.

	Outstanding		Excellent		Good		Fair
	4	3.5	3	2.5	2	1.5	1
<p><b>USE OF SCIENTIFIC METHOD</b></p> <ul style="list-style-type: none"> <li>• <b>Problem/question</b> and <b>hypothesis</b> are clearly stated.</li> <li>• <b>Experimental procedures</b> are sequentially listed in a way that is easy to follow.</li> <li>• The <b>variables</b> are clearly defined and controlled.</li> <li>• The <b>conclusion</b> is well supported by data (graphs, photos, charts, or tables).</li> </ul>							
<p><b>DATA COLLECTION</b></p> <ul style="list-style-type: none"> <li>• Complete and thorough data has been collected.</li> <li>• Notes or observations have been carefully recorded in a notebook, data table, or log.</li> <li>• Results are summarized clearly.</li> <li>• Appropriate graphs, tables, charts, photos, etc. are easy to interpret.</li> </ul>							
<ul style="list-style-type: none"> <li>• <b>DISPLAY/VISUAL PRESENTATION</b></li> <li>• Display shows attention to detail and sequential organization.</li> <li>• Title is appropriate, relating effectively to topic.</li> <li>• Font, size, and color are uniform.</li> <li>• Sources of background research have been displayed in a Works Cited section.</li> <li>• Accuracy is evident in the written report and the display board: grammar, spelling, punctuation, capitalization.</li> </ul>							
<p><b>CLARITY OF ORAL PRESENTATION</b></p> <ul style="list-style-type: none"> <li>• Student is able to explain the purpose, procedures, and conclusion in a clear and concise manner.</li> <li>• Student's responses to questions reveal deep knowledge of project.</li> <li>• Student maintains eye contact.</li> <li>• Student speaks distinctly and modulates voice for emphasis.</li> </ul>							

**TOTAL POINTS** \_\_\_\_\_