

MAESA Science Fair 2024



Mid-Atlantic Episcopal School Association
Friday, April 26, 2024
St. Albans School, Washington, D.C.

GUIDELINES

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Number of Projects: Six (6) maximum projects per school (three per division)
Up to two students per project

Judging Times: Grades 4-6 10:45 a.m. - 11:30 a.m.
Grades 7-8 9:30 a.m. - 10:15 a.m.

- Please indicate on the registration form the names of faculty members who have agreed to help with the judging of *both* grade level events.
- For each age group, awards will be presented to the top three individuals/projects.

RULES AND PROCEDURES

Project Categories: Life Science ♦ Earth Science ♦ Physical Science

Restrictions/Limitations: NO live experiments.
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 (Life Science, Earth Science, or Physical Science)

Set Up Time: 8:30 a.m. – 9:15 a.m.

Judging: 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

2024 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>USE OF SCIENTIFIC METHOD</p> <ul style="list-style-type: none"> ● Problem/question and hypothesis are clearly stated. ● Experimental procedures are sequentially listed in a way that is easy to follow. ● The variables are clearly defined and controlled. ● The conclusion is well supported by data (graphs, photos, charts, or tables). 							
<p>DATA COLLECTION</p> <ul style="list-style-type: none"> ● Complete and thorough data has been collected. ● Notes or observations have been carefully recorded in a notebook, data table, or log. ● Results are summarized clearly. ● Appropriate graphs, tables, charts, photos, etc. are easy to interpret. 							
<p>DISPLAY/VISUAL PRESENTATION</p> <ul style="list-style-type: none"> ● Display shows attention to detail and sequential organization. ● Title is appropriate, relating effectively to the topic. ● Font, size, and color are uniform. ● Sources of background research have been displayed in a Works Cited section. ● Accuracy is evident in the written report and the display board: grammar, spelling, punctuation, capitalization. 							
<p>CLARITY OF ORAL PRESENTATION</p> <ul style="list-style-type: none"> ● Student is able to explain the purpose, procedures, and conclusion in a clear and concise manner. ● Student's responses to questions reveal deep knowledge of the project. ● Student maintains eye contact. ● Student speaks distinctly and modulates voice for emphasis. 							

TOTAL POINTS _____