

2023 MAESA Science Fair



MID-ATLANTIC
EPISCOPAL SCHOOL
ASSOCIATION

Friday, April 16, 2023

ST. PATRICK'S EPISCOPAL DAY SCHOOL, WASHINGTON, D.C.

GUIDELINES

Contact for Information: Kate Campbell campbellk@stpatsdc.org
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Number of Projects: **Six (6) maximum projects per school (three per division)**
Up to two students per project

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 – 9:00 am

Judging: Grades 4-6 Judging Times TBS (Closed to public viewing)
Grades 7-8 Judging Times TBS (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.

2023 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
USE OF SCIENTIFIC METHOD <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). 							
DATA COLLECTION <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. 							
DISPLAY/VISUAL PRESENTATION <ul style="list-style-type: none"> ● Display shows attention to detail and sequential organization. ● Title is appropriate, relating effectively to 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. 							
CLARITY OF ORAL PRESENTATION <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 project. ● Student maintains eye contact. ● Student speaks distinctly and modulates voice for emphasis. 							

TOTAL POINTS _____