MID-ATLANTIC EPISCOPAL SCHOOL ASSOCIATION

# Science Fair

MAESA SCHOLARS FAIR
Friday, April 27, 2018

## GUIDELINES

**Contact for Information:**
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**Number of Projects:**
Six (6) maximum projects per school
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:**
9:00 – 9:30 am

**Judging:**
Grades 4-6 9:30 - 11:00 am
Grades 7-8 11:00 am - 12:30 pm

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 of the faculty and volunteers who have agreed to help with the judging of this event.**

**Trophies:**
Recognition will be awarded at 1:00 pm to the top three places in Grades 4-6 and to the top three places in Grades 7-8.

# 2018 MAESA SCHOLARS FAIR SCIENCE RUBRIC

**Student Name:** _____

**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 | 2 | 1 |
| **USE OF SCIENTIFIC METHOD**<br>• **Problem/question** and **hypothesis** are clearly stated.<br>• **Experimental procedures** are sequentially listed in a way that is easy to follow.<br>• The **variable(s)** are clearly defined and controlled.<br>• The **conclusion** is well supported by data (graphs, photos, charts, or tables). | | | | |
| **DATA COLLECTION**<br>• Complete and thorough data has been collected.<br>• Notes or observations have been carefully recorded in a notebook, data table, or log.<br>• Results are summarized clearly.<br>• Appropriate graphs, tables, charts, photos, etc. are easy to interpret. | | | | |
| **DISPLAY BOARD/VISUAL PRESENTATION**<br>• Display shows attention to detail and sequential organization.<br>• Title is appropriate, relating effectively to topic.<br>• Font, size, and color are uniform.<br>• Sources of background research have been displayed in a Works Cited section.<br>• Accuracy is evident in the written report and the display board: (grammar, spelling, punctuation, capitalization). | | | | |
| **CLARITY OF ORAL PRESENTATION**<br>• Student is able to explain the purpose, procedures, and conclusion in a clear and concise manner.<br>• Student's responses to questions reveal deep knowledge of project.<br>• Student maintains eye contact.<br>• Student speaks distinctly and modulates voice for emphasis. | | | | |
| | | | **TOTAL SCORE** | |