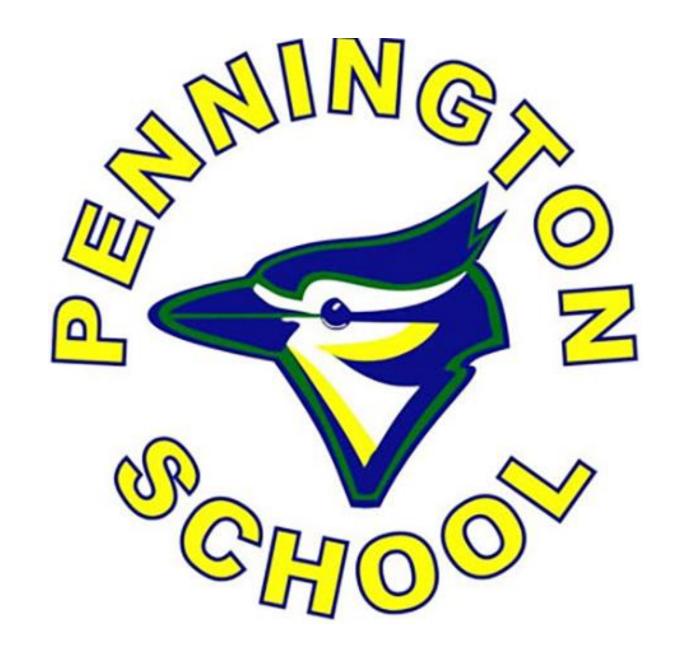
Science Fair Informational Meeting 2024 – 2025



## **Getting Started**

- 1. Science Fair Canvas Course is opened to all Middle School Students.
- 2. Parents can email Mrs. Chavez to be added as an Observer in the course. Please include your child's name and grade level when making the request.

## **Getting Started**

- Pennington Science Fair is scheduled for January 28<sup>th</sup>, 2024. All projects needs to be complete and school by the morning of January 27<sup>th</sup>.
- 4. Students can work in groups of three or lower. We have extended the Pennington Science Fair to 4<sup>th</sup> and 5<sup>th</sup> grade students, but only middle school students can move on to the county Science Fair.

# Paperwork

- 1. Science Project Proposal Form and Protocol Forms are due by October 31<sup>st</sup>.
- 2. All forms need to be typed and signed. The forms can be found in the Science Fair Canvas course under the "Required Paperwork" Page.

# Paperwork

- Paperwork can be found as either a word document or PDF.
- 4. Prior approval is required for many areas of research from the Science Fair Coordinator and/or School Administrator.

## Possible Science Topics

- Animal Sciences\*
- Behavioral and Social Sciences\*
- Biochemistry (BI) \*
- Chemistry \*
- Microbiology\*
- Computational Biology & Bioinformatics
- Computer Science
- **Robotics & Intelligent Machines**

- Earth & Planetary Sciences
- Engineering
- Environmental Sciences
- Material Sciences
- Mathematics
- Medicine & Health Sciences
- Physics
- Plant Sciences

#### Middle School Engineering Rubric

- Research (Background) Information 20 points
- Design & Methodology 30 points
- Execution: Construction & Testing 25 points
- ☐ Creativity 15 points
- □ Presentation 10 points
- ☐ Total of 100 points

### Middle School Rubric – Other Categories

- Experimental Design 35 points
- Material & Procedures 10 points
- Results 15 points
- Conclusion 10 points
- ☐ Creativity 20 points
- ☐ Presentation 10 points
- ☐ Total of 100 points

### Science Fair Extras

#### In the Canvas Course you will find:

- Prohibited and Allowed Experiments including a chemical list.
- Resources on Safety.
- > Feedback from the Judges of the Spring 2024 Science Fair.
- Science Fair Proposal Forms and Protocol Forms.

#### Science Fair Club

- Meeting Dates for Pennington Science Fair Participants at 8 am:
  - ❖ Dec 4<sup>th</sup> & 18<sup>th.</sup>,
  - ❖ January 7<sup>th</sup>, 14<sup>th</sup> & 22<sup>nd</sup>
  - Additional Dates will be announced for students moving on to County Science Fair.
- Science Boards and additional presentation supplies will be provided.
- Assistance creating a zFair accounts for county science fair winners.

## Important Dates

- Proposal and Protocol forms due by October 31<sup>st</sup>.
- Science Fair Project due January 27<sup>th</sup> (in the morning).
- Pennington Science Fair January 28<sup>th</sup> Judging in afternoon and Award Presentation in the evening.
- PW Manassas Regional Science & Engineering Fair Phase I March 6<sup>th</sup> – March 13<sup>th</sup> (Virtual Judging)
- PW Manassas Regional Science & Engineering Fair Phase II -March 22<sup>nd</sup> (In-Person & Virtual Judging)