

## CALENDAR

- 10/18 Parent to Parent Event  
7:00 p.m. Pike School  
Viewing: *Screenagers Under the Influence*
- 10/20 All-School Meeting  
8:45 a.m. (American Room)
- 10/20 Pizza Lunch
- 10/24 Children's House Curriculum  
Workshop: A Two-Part Series  
5:00 p.m. (Children's House  
Classrooms)  
*Part 1: Practical Life and  
Language*
- 10/27 All-School Meeting  
8:45 a.m. (American Room)
- 10/27 Pizza Lunch
- 10/27 Halloween Fair Hosted by the  
Middle School  
3:30 p.m. (American Room)

## Our Classroom



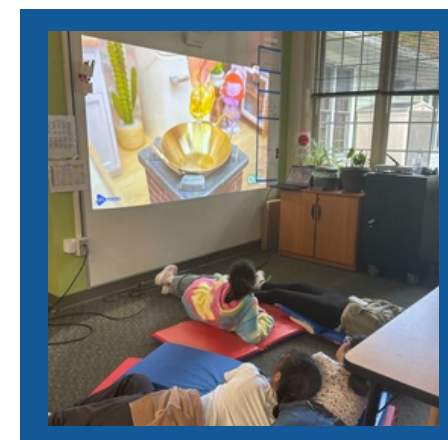
Students meeting with a representative from the Academy at Penguin Hall during our Secondary School Lunch Series.



Students meeting with a representative from The Putney School in Vermont during our Secondary School Lunch Series.



Students learning more about Pingree School during our Secondary School Lunch Series.

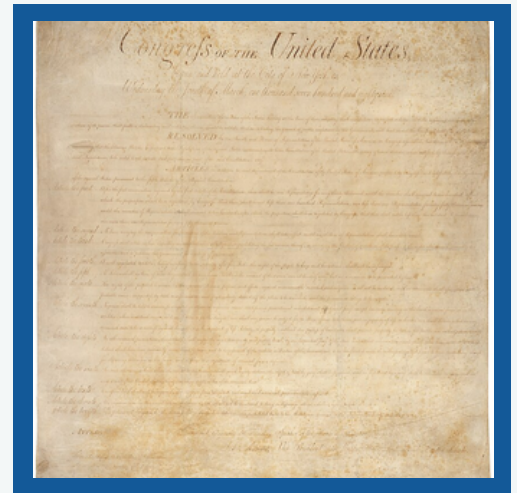


A recent favorite during our indoor recess days: miniature cooking videos!

[Click here to view  
ASM's calendar!](#)

## Humanities

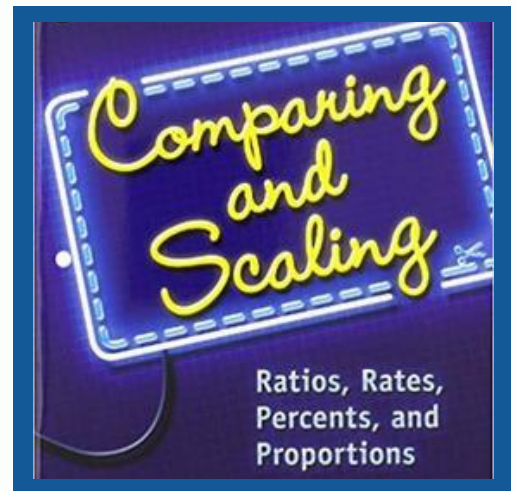
In History we are continuing to learn about the Bill of Rights and the Constitution. Students have worked on their group project, which is creating a Jeopardy game and also a slideshow presentation for their assigned chapter. This is designed to help them study for their unit test. During MMUN students have learned about Sustainable Development Goals, selected their topics, and have begun to do country research. The countries we have been assigned are Ghana and Sri Lanka.



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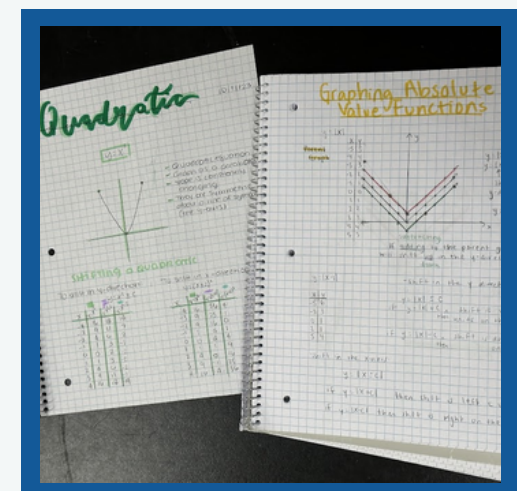
## Pre-Algebra

Seventh-Year students have completed our first unit on integers and rational numbers. We have started our second unit, comparing and scaling, which will introduce students to the mathematical concepts of ratios, proportions, and percentages. Through completion of note-taking, in-class practice problems, and homework assignments, students will be able to use ratios, rates, fractions, differences, and percentages to write statements comparing two quantities in a given situation. As we progress through this unit, students will work on developing and using strategies for solving problems that require proportional reasoning.



## Algebra

The exploration of mathematical transformations can manifest in various ways. Students have delved into shifting graphs of diverse functions, including quadratic, square root, absolute value and exponential. While moving in positive and negative x and y directions retains the graph's shape, merely transitioning it to a new position, rotating a graph about a point orchestrates its movement in a clockwise or counter-clockwise direction. The graph's slope can be altered by multiplying it by a constant. Students will synthesize this information, utilizing their creativity to craft a quilt piece through transformations. This method allows students to intertwine art with mathematics, using their creativity to construct beautiful designs.





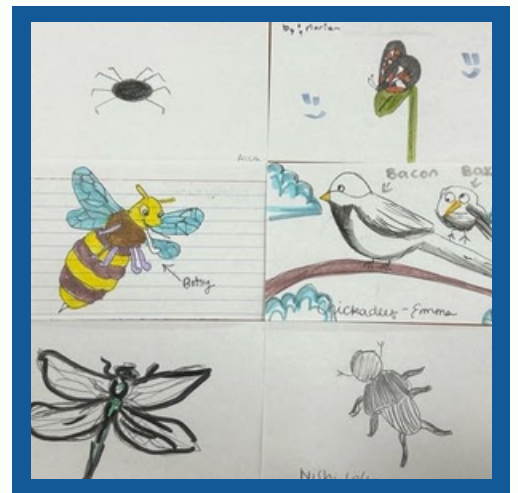
## Language

In Literature Circle students are continuing to read and annotate Five 4ths of July. They are engaging in discussion during Socratic Seminars and using their annotations to ask insightful questions. Students are also beginning their first writing piece, which is a Personal Narrative Essay. In Vocabulary, students have been preparing for their unit test which covers the first three chapters from the Sadlier book.

## Science / STEM

In science class, students are beginning exploration of the Periodic Table of Elements. After studying atomic theory and the modern model of the atom, students are developing further understanding of the patterns and relationships among elements found on the periodic table.

In STEM class, students are continuing with their care of our garden including weeding and soil preparation before planting garlic. Students are also studying beneficial insects, plants, and animals that are native to our region. Pictured on the right are examples of student work.



## Looking Ahead...

Preparation for this year's Halloween Fair is well underway! During their business periods, students have collaborated on a list of tasks that must be completed, and divided these among themselves. Middle School students will work at various booths during the Halloween Fair, and are preparing posters and materials accordingly. In the planning of this event, our middle school students are honing their collaborative, organizational and communication skills. They are also acting as mentors to the 6th year students who will be helping out with the Fair as well.



[Click here for more classroom photos!](#)