



AE/MS Pi 2017 Pi Champions! AE/MS is very proud of our Pi'ers! A new school record has been established! From left to right: Michelle Keezer (Middle School Math Teacher), Jon Grodin, Jeremy Johnson, Jesse Niemyer, Carter Wheeler, Oliver Andrews, Wyatt Carleton, Eliza McDonald, and Jed Duquette. Caption: Jane Slayton Photo: Jen Bent

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## AE/MS Continued Their Celebration of Pi in March

Pi champion for 2017 recited 160 digits!

Jane Slayton, AE/MS Principal

AE/MS continued their celebration of Pi in March. Students memorized an impressively large number of digits of Pi.

Pi has been calculated to over one trillion digits beyond its decimal point. As an irrational and transcendental number, it will continue infinitely without repetition or pattern. While only a handful of digits are needed for typical calculations, Pi's infinite nature makes it a fun challenge to memorize, and to computationally calculate more and more digits.

The AE/MS 2017 School Champion is Oliver Andrews. Andrew recited 160 digits! This broke the record of 110 digits previously held by Jesse Niemyer.

Jesse Niemyer, also an impressive Pi'er, recited 48 digits!

The top winners received Pi tee shirts, copies of the Sir Cumference and the Dragon of Pi book, Pi tattoos, Pi earrings, and more.

Pi Day is celebrated on March 14 around the world. AE/MS celebrated the following day this year as there was no school on March 14. Pi is the symbol used in mathematics to represent a constant — the ratio of the circumference of a circle to its diameter — which is approximately 3.14159.

Twenty-seven students participated in the Pi Challenge. Special recognition also goes to Carter Wheeler, Wyatt Carleton, Eliza McDonald, Jon Grodin, Jeremy Johnson, and Jed Duquette.

Community members are always welcome to join the Pi Challenge. It's not too soon to start memorizing!



Ryker Gregoire performs a puppet show for his classmates. He created the puppets and wrote the script with help from several Proctor Academy students who are working with the first graders during project period. Photo: Jen Bent

## Makerspace Monthly Report, March 2017

Andrew Tyler, AE/MS

We have had a great month again in our Makerspace Program! Students have been busy exploring new projects, working on exciting and amazing creations, and having a blast trying new things! We have new participants this week as well and their enthusiasm can be overwhelming sometimes, but is very welcome!

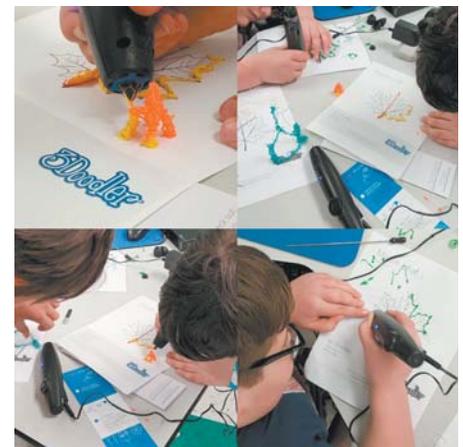
Students continued working on perler bead creations and their attention to detail as well as a healthy amount of patience is inspiring. We all cannot wait to see their finished projects.

StikBot creation studios continues to be an area of interest with the students and one of our students was able to present a stop-motion movie he created at home with his action figures. There were many requests to play the movie multiple times and many students were so inspired by that movie, we will soon have new stories and creations to watch in the near future.

Mr. Tyler is working on building a Makerspace Site for updates and postings about the program on the Andover School Web site. It will be linked from his classroom page and will be live soon. He hopes to showcase many of the projects that students have created and document student achievement with videos and photos on a regu-

lar basis.

We would also like to thank a current Proctor student, Nathaniel Dunbar for graciously giving us his Lego Mindstorms collection for the students to use. All of the Makerspace students



Students trying out the 3D Doodler Pens lent to us by the East Andover Library.

are very excited for more materials and resources to use!

Speaking of Lego Mindstorms, we had a bit of an impromptu Robot Battle the other day where students pitted their Mindstorm creations against each other. It was exciting to see students puzzling out how to set up the space and how to switch out parts on their robots to change the way they each tried to control the battle arena.

We are also always on the lookout for any new materials we could use for See Makerspace on page 35



Hero Day at AEMS was quite interesting! Seen in this photo are students from all grades dressed as Superheroes starting the morning by reciting the Pledge of Allegiance. Caption: Jane Slayton

## Proctor's Spring Musical Announced

Scott Allenby, Proctor Academy

Each spring, Proctor's arts department produces a musical open to the community. This spring's show will be Beauty and the Beast and will show May 19 and 20 at 7 PM in the Wilkins Meeting House. Be sure to check Proctor's Arts Web site ([www.proctoracademy.org/page/on-campus/arts](http://www.proctoracademy.org/page/on-campus/arts)) closer to production dates to reserve your free tickets. We hope to see you there!