

Shapleigh Shark News

Learning Through STEM!

On Friday, February 16th, Shapleigh School hosted a STEM Day! Students participated in a variety of enrichment activities focused on science, technology, engineering, and math. Students in 4th Grade used their iPads to explore different coding programs, and also worked in pairs to create snap circuits. 5th Grade students participated in STEM Olympics which included various activities such as Ski Jump, challenging students to use one length of pipe-tubing to get a marble to jump as far as possible (and consistently!) into a cup. The 6th Grade welcomed a guest presenter from Tufts University who discussed the STEM aspects behind prosthetics. 7th Grade students worked with the Department of Environmental Protection and learned about ocean acidification and participated in a hands-on learning experiment where students learned about Ph and the impact on the environment. 8th Grade students worked on engineering a prosthetic beak using various resources and materials. We finished the day with over 20 engineers visiting our classrooms and answering many student generated questions regarding STEM careers! It was a fantastic day full of learning, exploration, and community building!



Music Notes

Congratulations to the following 6th graders who have been selected to participate in the Maine District 1 Honors Music Festival which will be held on March 10th at Kennebunk Middle School!
Band: Sienna V, Owen M, Jack M, Jack Z, Randy H, Terry G. Chorus: Francessca V, Danika S.
The Shapleigh Music Department will be celebrating National Music In Our Schools Month with a concert on March 14th at 7 p.m. in the Shapleigh

Gymnasium. Groups performing will be the flute choir, 6th through 8th grade bands and chorus, and a guest appearance by the Seacoast Wind Ensemble. We will also be drawing prizes for our annual Kittery Music Boosters raffle at the conclusion of the concert! We can't wait to see you there!

Several 7th and 8th grade students participated in the York County Honors Music Festival last month in

both band and chorus. Here's a picture just before the concert!



5th Grade Menu Math

As you may have read last month, some of our 5th Grade students had fun using their math skills to create a menu following USDA guidelines. Our students enjoyed the themed meals and were even greeted by the meal creators in the cafeteria! How fun!



Doodle 4 Google



4th Grade students had the opportunity to create a Google logo based on the prompt "What Inspires Me". Our 4th grade students created some incredible logos and enjoyed drawing inspiration from their own personal lives.

Our Shapleigh students and staff enjoyed seeing the creative designs and casting their vote for which

designs would be submitted to the national Doodle 4 Google contest!

Art on Display

Mark your calendars! The Youth in Art exhibit at the Portland Museum of Art is on display from March 1st through April 1st. Over 100 student artists in grades K-12 will be represented in the exhibit. 7th grader, Sienna T.'s work will represent Shapleigh School and will be hung in the PMA as part of the exhibit. She created a complex paper mosaic collage of an owl constructed out of hundreds of tiny pieces of paper that she individually cut herself! Her artwork is titled "Owl Close Up".



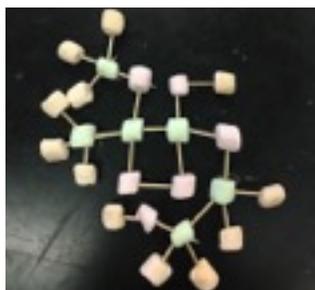
6th Grade Writing

6th Grade students have been working hard in their Language Arts class! This month students created cartoons about an adventure M&M characters had and wrote the cartoon as a narrative story. It's amazing what trouble M&M's can get into and how they solve it! Next, students thought about places that they've been to that have touched their hearts and created 'Little Books' to describe them. In class the students have also been learning about English grammar through diagramming. Most recently, students have begun reading THE CAY, a wonderful book about friendship and survival! It's one of Mrs. Bowen's all time favorite books!



Marshmallow Molecule Madness

In science, the 8th graders discussed how atoms combine to form compounds and molecules. Then, using marshmallows, students created sugar molecules from the formula $C_6H_{12}O_6$ to demonstrate how it is possible for sugars to have the same chemical formula but have completely different shapes. Students then discussed why this possibility is important in creating and maintaining life, and why living organisms are all made out of the four organic compounds, which are lipids, nucleic acids, carbohydrates and proteins. Students will use their knowledge of organic compounds to help understand the parts of a cell and how those parts are comprised of and use the organic molecules.



PBL Shark Bite

Opportunities for support are very important in a Proficiency Based Learning system. At Shapleigh School there are multiple supports in place to help all students be successful. WIN block is a daily intervention time that is also used for academic support. Students may also schedule a time to seek help from their teachers after school. Additional intervention time is also scheduled during bi-weekly Early Release Wednesdays. It is important to encourage your child to utilize the various supports in place, especially if he or she is missing assignments or needs to re-assess. Our online grading portal, JumpRope, offers a lot of information for how your child is doing academically. Shapleigh students have been logging into their JumpRope accounts throughout the school

year and can walk parents through the portal. If you have questions about how to access the JumpRope portal, please reach out to Katelyn Beach at kbeach@kitteryschools.com. As always, feel free to reach out to your child's teacher if you have any questions regarding their academic progress.

K-8 PTA Hosts Kittery Kids LIVE!

Mark your calendar! The 6th Annual Kittery Kids Live! Talent Show is returning to the Shapleigh Stage on Friday, May 4th! The sign up sheet for auditions will be posted outside of the cafeteria later this month. It's a great chance to demonstrate your skill at dance or gymnastics, juggling, magic or singing! It's also a great opportunity for Mitchell and Shapleigh families to get together and enjoy a night of fun!



Important Dates

- 3/8: Shapleigh School Family Breakfast
- 3/14: Spring Band & Chorus Concert
- 3/16: Trimester 2 Ends
- 3/16: Grades 6-8 Dance
- 3/23: Shapleigh Musical "Seussical!"
- 3/24: Shapleigh Musical "Seussical!"