



ARISS Newsletter

Mountain View Elementary

Vol. 6: January 29, 2024



#TheBestView

#TheSkysTheLimit

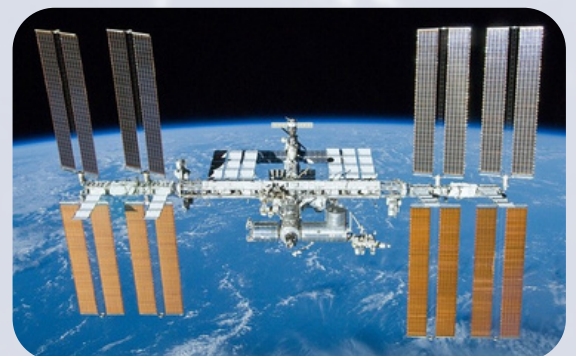
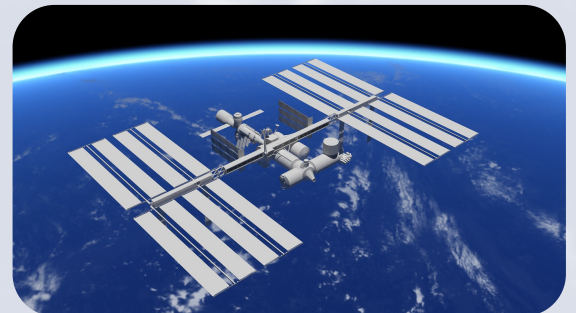
ISS in the News



Four Space X astronauts joined Expedition 70 aboard the ISS on Saturday morning, January 20, 2024, for a two-week stay. "This is an incredibly exciting time for human spaceflight with the third private mission, which is allowing many more countries to participate in the scientific research and technology development that we do onboard this orbiting laboratory.," said Andreas Mogensen, commander of the station's seven-person Expedition 70 crew who represents the European Space Agency. "We have doubled the number of nationalities onboard the space station going from four to eight, which I think is a great testament to the international collaboration which underpins this marvelous space station."

ISS FACTS

- The ISS is larger than a six-bedroom house with six sleeping quarters, two bathrooms, a gym, and a 360-degree view bay window.
- An international partnership of five space agencies from 15 countries operates the International Space Station.
- Eight spaceships can be connected to the space station at once.
- The ISS travels an equivalent distance to the Moon and back in about a day.
- More than 50 computers control the systems on the space station.



HAPPY NEW YEAR

As we enter 2024, we are busy preparing for three big events: STEM & Skittles Night, our 3rd Annual Launchapalooza, and our ARISS contact. There is a lot of excitement generating all over the school!

STEM & Skittles Night is an event put on by our PTA. It is a fun night that allows our students and their families to experience STEM through a variety of activities. From robotics to engineering builds to special guest presenters, there is something fun for everyone!

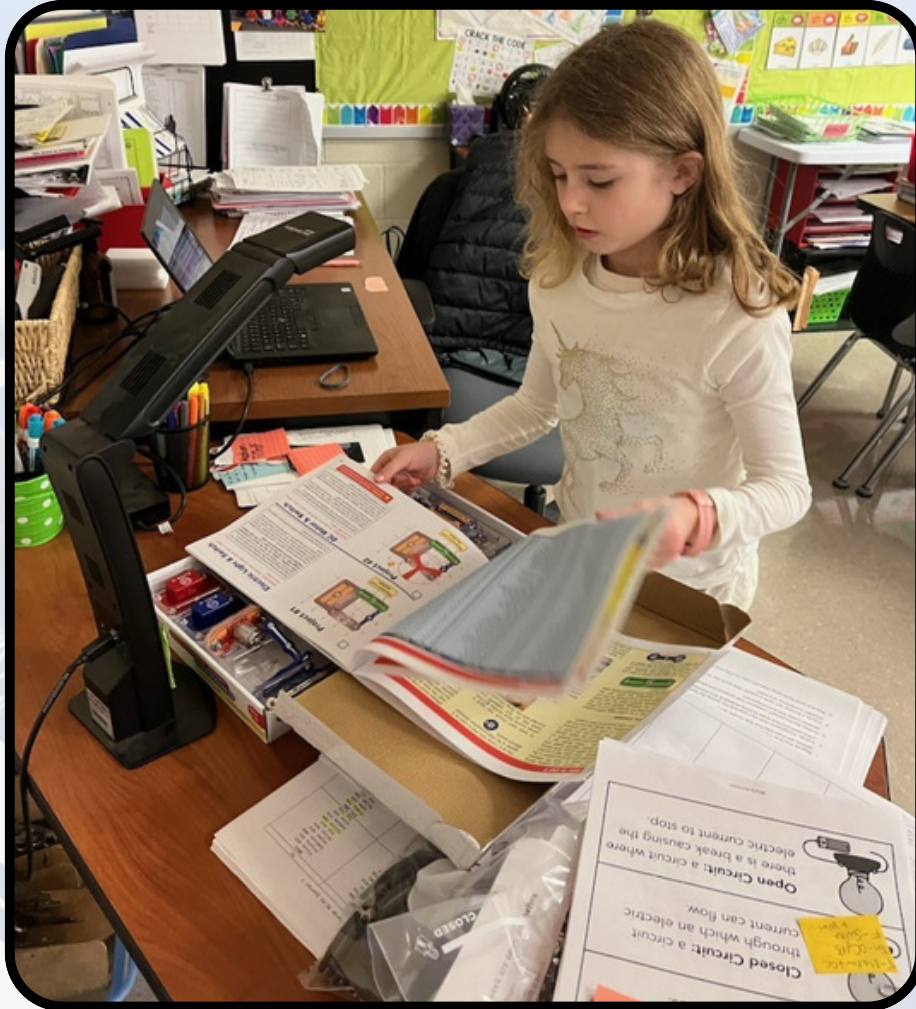
Launchapalooza is a grade-level competition between classes at Mountain View. Students build and test water rockets in STEM class to determine their classroom winner. The winning teams from each grade level compete against each other during our Launchapalooza event, complete with special guests, a DJ, and popsicle treats for everyone!

Our possible ARISS contact is fast approaching. Students continue to learn about radio signals, space, life on the International Space Station, etc. in preparation for this amazing opportunity. The teacher and homeroom ARISS competitions start up again this week on our morning news. This is a fun way to work on vocabulary and radio symbols. There is a buzz around school as the excitement is building!



Student Engagement

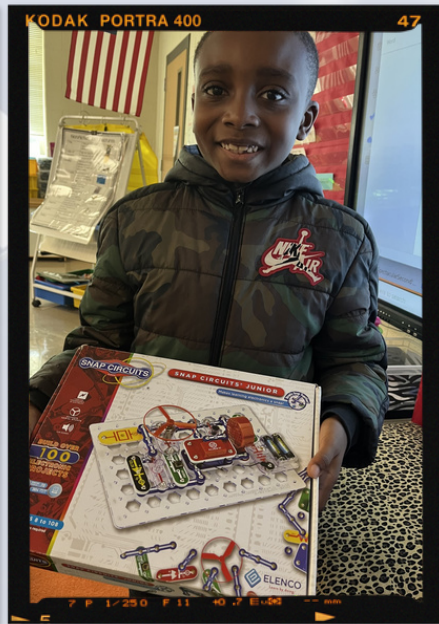
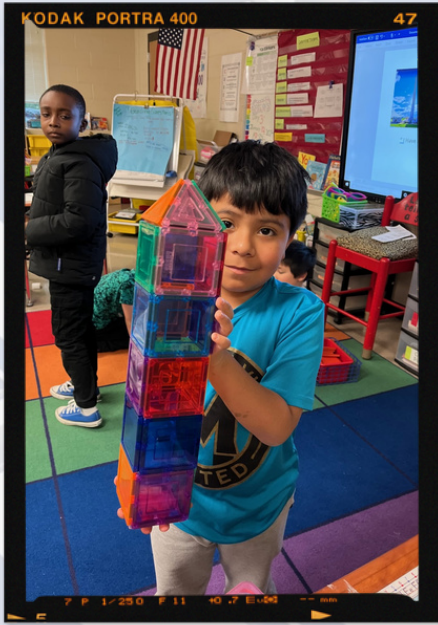
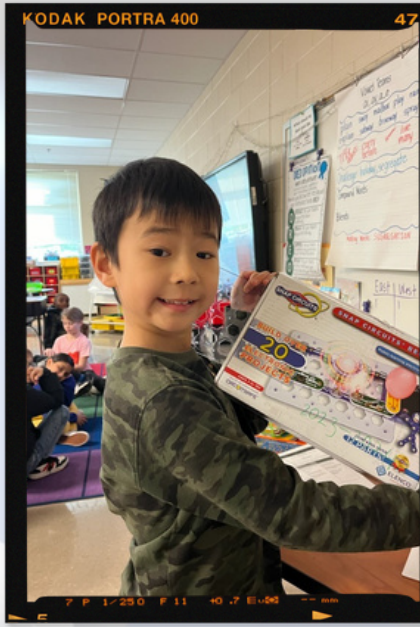
2nd Grade students made an ARISS connection by learning about snap circuits and creating a working circuit. They have been working on this in STEM Lab, as well. Here is Elise, one of Ms. Farah's students, teaching her class about circuits!



"I love my circuit set! I am going to tell you some things about it. First, a circuit is a circular path that electricity flows through. In a circuit, electrons come out of a power source traveling along conductors. My set can make all kinds of cool things you may see all around your house. For example, a light, several sounds, and a fan. One thing I enjoy about it is you can make over 100 electronic projects! My favorite project is the fan! I also love seeing how the pieces are put together to create a light or sound. That is what I like about my circuit set."

~~ Elise

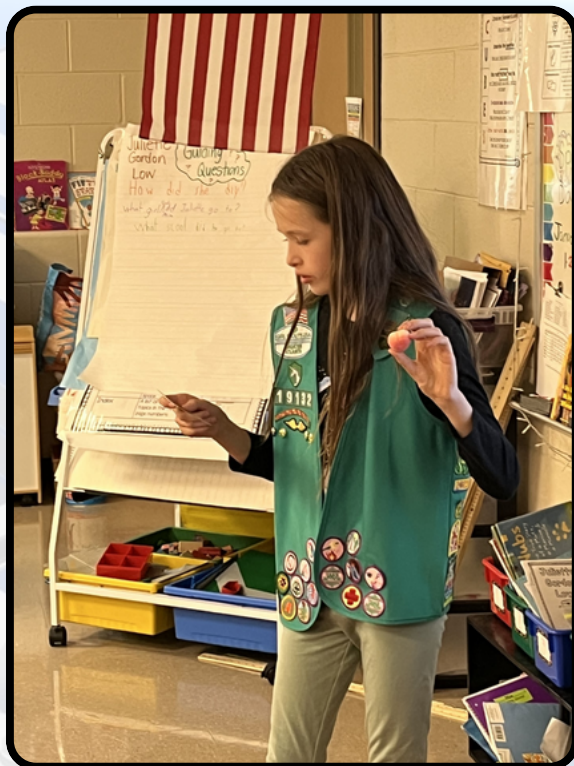
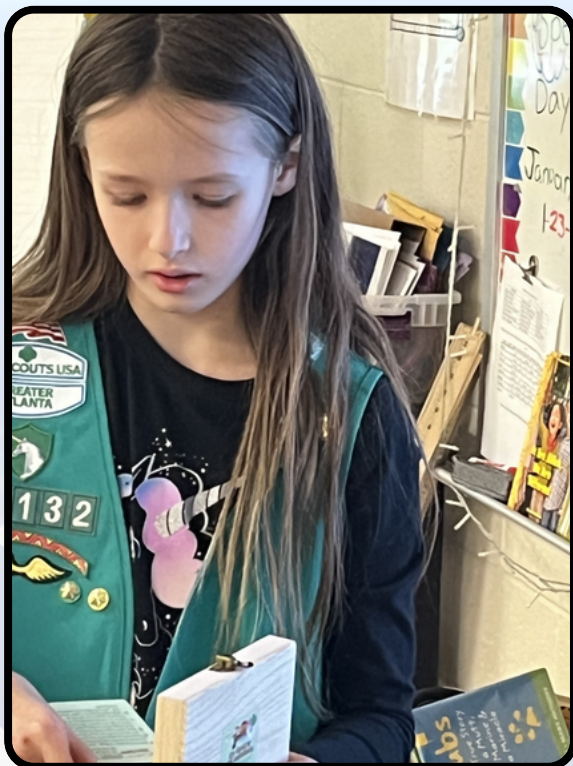
More 2nd grade fun!



During their unit on weather, 4th Graders are building their own weather instruments. We love seeing STEM in action in the classrooms!

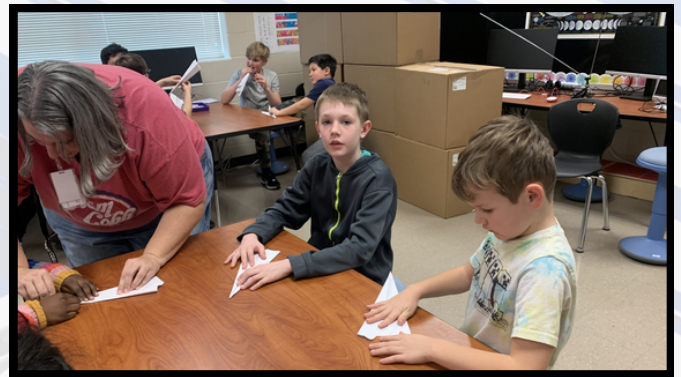
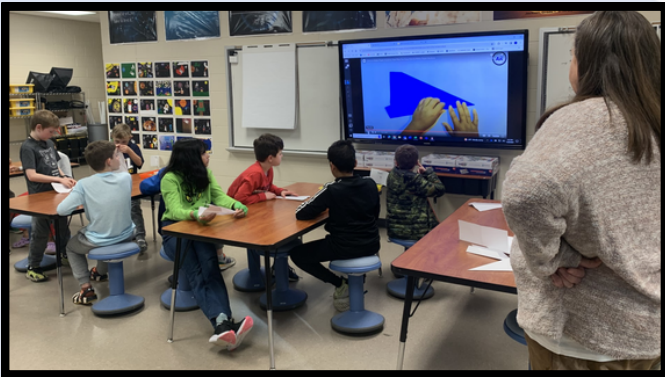


5th grader Mia Engle visited 2nd grade as a community partner during their unit on Juliette Gordon Low, the founder of the Girl Scouts. Mia shared artifacts and explained what Girl Scouts do. As you can see from the picture below, she has earned numerous badges!



Drone Club

Spring clubs have started. For the first time ever, MVES has a drone club, thanks to Dr. Z! Students will have all sorts of opportunities to learn about flight. Week 1 was all about building and testing paper airplanes following specific guidelines. There was great concentration and collaboration going on--and much fun when it came time to test fly their designs!



**Thank you to our administration and CCSD leadership for your support.
One Team, One Goal, Student Success!**



Chief of Staff Sherri Hill stopped by our school for a visit last week to learn more about our ARISS contact. She was so impressed with what our students are learning in the STEM lab with Dr. Z and is excited to come back for both Launchapalooza and our ARISS contact!

Thank You to Our Community Partners!

