



#TheBestView

ARISS NEWSLETTER

Mountain View Elementary
Vol. 2: November 6, 2023



#TheSkysTheLimit



ARISS
Amateur Radio on the International Space Station

What's Happening Around School?

Homeroom Competition

This week we are beginning the homeroom and teacher competition challenges which will help students, and teachers, learn vocabulary, symbols, and radio basics. Some of these include WiFi, Bluetooth, ON/OFF, and antennas. This will help all students and teachers become familiar with the work they will be completing throughout the rest of the year. On Thursdays, the teacher competition will take place while Fridays will contain the student homeroom contest – both will take place during the ARISS Correspondent segment of the news. The ARISS Correspondent will say “Teachers get ready...your competition starts now!” and then a picture will come up on the screen behind them, the teacher will submit their choice through an online form...the same holds true for the student homeroom competition on Fridays. Points will be earned for fastest entry and a grade level winner will be selected after the first six challenges occur. Prizes will be awarded December 18, 2023. Let the competition begin...and here’s to what we are all going to learn through the process!



Dr. Z's First Radio Contact



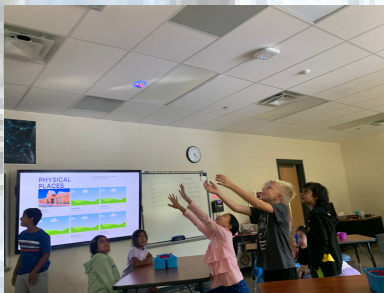
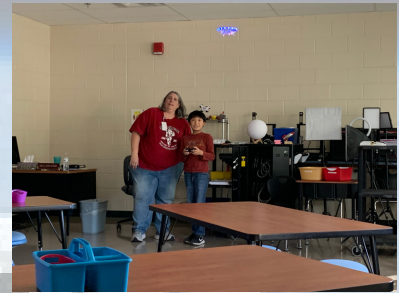
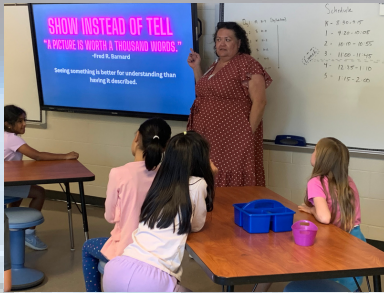
On Saturday, October 7, 2023, Dr. Z made her first radio contact through amateur radio. She contacted with Cedar Hill Park in Texas (ironically only 15 minutes from where she used to live!). *Parks on the Air* is a national event where all state and national parks have an amateur radio on site and participants see how many parks they can connect to. This is a way to keep people active with HAM radio. Dr. Z pursued her certification because of the opportunity we have with the ARISS contact in the spring. She is totally invested in doing whatever it takes to help our students understand and fully appreciate the opportunity we have!

Dr. Z had a great day and was able to make 26 contacts in 11 minutes! This was her first experience with amateur radio.



Club Showcase: Media Blitz

Our after-school clubs are up and running! Media Blitz, run by Kate Drewicz (our media specialist para) is an amazing example what we offer our MVES students. The kids are learning so much and are having the best time as they tackle new tasks each week! In this club, students work through critical thinking objectives and challenges by investigating and creating media of all types. Topics include, but are not limited to: creative writing, photography, film editing, acting, storytelling, camera operations, costuming, drone technician, marketing, human resources, and IT. We have two groups: beginner and intermediate. The difference between the two is experience, collaboration, and teamwork ability. Our end goal is to create a school video showcasing the amazing things that make Mountain View “the best view ever”! This week students were learning how to fly a small drone indoors to prepare to pilot the drone with the high definition camera and GPS for filming!

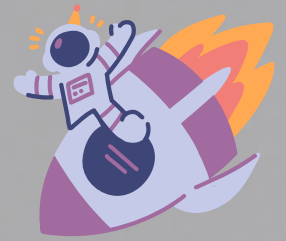


Technology Lab

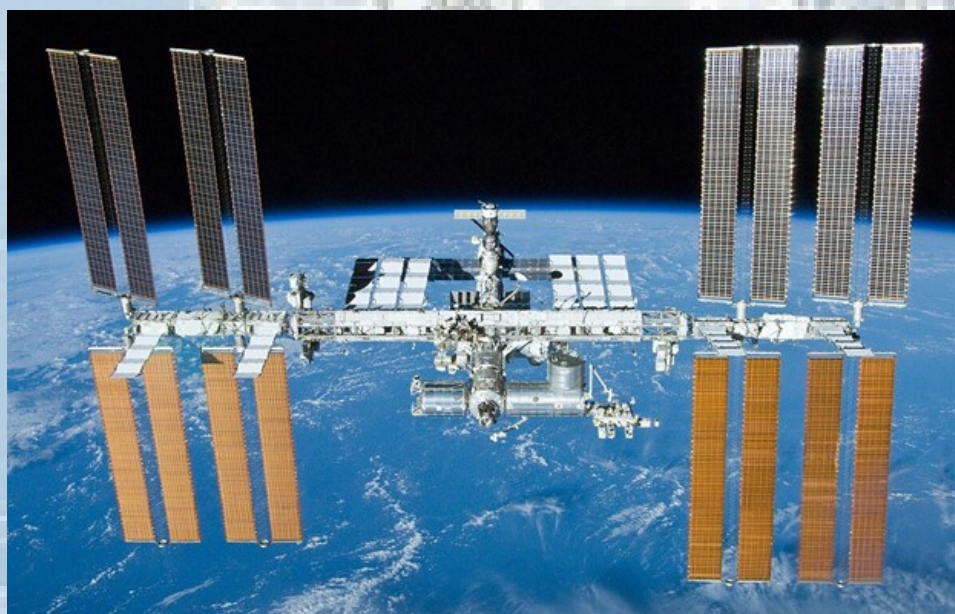
Students are learning about the International Space Station and what life is like for the astronauts who live there. 1st & 2nd graders are using inspiration from stories and videos to create original artwork about space to gift to Dr. Z to decorate the STEM lab in celebration of our ARISS contact. 3rd - 5th graders are conducting research and will write about what it would be like if they were an astronaut on the ISS. We look forward to sharing some of their stories with our readers in future issues of this newsletter so we can showcase their work!



Interesting Facts About the ISS

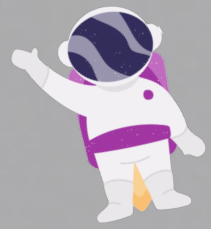


- The ISS is the largest man-made structure ever put into orbit. The station has been described as the most expensive thing humans have ever constructed, costing about 150 billion dollars to build!
- The objective of the ISS is to be an orbiting laboratory to conduct space-based experiments, test equipment in micro-gravity, and learn how to live in space for long periods of time.
- Astronauts can see the sunrise and sunset sixteen times in 24 hours aboard the International Space Station. The ISS orbits the Earth every 90 minutes!
- Nobody has a room of their own on the ISS much less a bed. Astronauts slip into sleeping bags stowed vertically.
- Astronauts on the ISS keep very busy. Their day starts at 6 a.m. and lights go out at 10:30 p.m. They spend 8-10 hours each day doing scientific experiments, 2 hours exercising to avoid muscle loss in microgravity, and 3 hours doing housework, making repairs and enjoying some leisure time.



Kids Page

Word Scramble

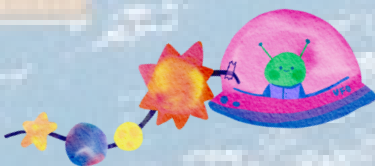


Challenge your knowledge with this space word scramble. How many words do you know related to space, astronomy, our solar system and beyond? Give it your best effort and then scroll to page 5 to check your answers!

- 
1. RVNESUIE
 2. NOMO
 3. OTTNSUAAR
 4. RANUST
 5. ARTS
 6. NATPEL
 7. RASM
 8. TOBRI
 9. NUS
 10. XLAGAY
 11. HRATE
 12. CTOSANEPSITA

Space Jokes

1. How do aliens keep their pants up?
2. Where in the solar system can you find the most change?
3. Why did the alien throw a steak on the comet?
4. Why was Mickey Mouse wandering around outer space?
5. What did the space alien say to the cat?
6. What do aliens use to build walls on the moon?
7. What do you call an insane space traveler?
8. Why did the dwarf star go to school?
9. What do Martians like to drink on hot days?
10. How do you get a baby to sleep in outer space?



Word Scramble Answers

1. UNIVERSE
2. MOON
3. ASTRONAUT
4. SATURN
5. STAR
6. PLANET
7. MARS
8. ORBIT
9. SUN
10. GALAXY
11. EARTH
12. SPACE STATION

Answers to Space Jokes

1. With an asteroid belt.
2. The moon – it keeps changing quarters.
3. He wanted it meaty-or.
4. He was searching for Pluto.
5. Take me to your litter.
6. Moon beams.
7. An astro-NUT.
8. To become brighter.
9. Gravi-TEA.
10. You rocket...



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