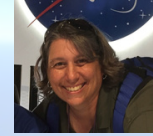




# ARISS Newsletter

Mountain View Elementary

Vol. I: October 1, 2023



**What is ARISS? It stands for "Amateur Radio on the International Space Station." Through the ARISS project, students at Mountain View will learn about radio science and have the opportunity to talk live with an astronaut on the International Space Station via a radio in April! We are one of only 11 schools in the entire United States chosen for this experience which is an amazing honor! For more information, check out our [MVES website!](#)**



**Meet Dr. Z (Cassie Zielinski), Mountain View's 2023-24 Teacher of the Year! Dr. Z is our STEM teacher as well as the co-leader of the Stem Key Team for teachers. She is the driving force behind all the great things that our students will be experiencing this year in the Stem Lab and with the ARISS contact.**

**As a school we will prepare for the ARISS contact throughout the year across all disciplines, in the classrooms and in specials. Students will learn about life on the ISS, space technologies, and radio science. Community partners will be visiting our classrooms to teach hands-on lessons. Students will participate in our "Ask an Astronaut" competition in ELA as we prepare questions for the contact. Dr. Z is HAM-certified so our students will be able to practice how to make radio contact during Stem class. There will be an ARISS correspondent on the morning news daily. We will also have students writing entries for this newsletter to document our process. It's going to be an exciting year!**



## Interesting Facts about the International Space Station:

- Astronauts on board the International Space Station witness sunrise about every 90 minutes as the craft orbits Earth.
- The ISS is the largest artificial object to orbit the Earth. It is the size of a football field!
- The ISS was built in space because it was too large to be launched in one piece.
- More than 2000 spacewalking hours were spent assembling the ISS.

## A very special thank you to our community partners:



# In the News



**Frank Rubio, a NASA astronaut, has broken the record for the longest space mission in U.S. history. He has been aboard the International Space Station since September 21, 2022. Rubio returned to Earth on Wednesday, September 27, after spending 371 days in low Earth orbit.**

Click [here](#) to learn more about Astronaut Rubio.

**Kids, click below for fun activities!**

**Click below to learn about who is on the ISS now!**

**Space Place**  
Explore Earth and Space!

Earth Sun Solar System Universe Science and Tech Education

Sign Your Name to a Poem That Will Fly Aboard Europa Clipper!

Skywatching Tip!  
What's up in the night sky this month? Check out a summary and skywatching tips from NASA!

Make a Colorful Crayon Europa with Textures Lunar Eclipses and Solar Eclipses What is an Aurora?

Play Explore Mars  
Drive a rover on Mars and collect information about Martian rocks! Click here to play!

What is a Black Hole?

**NASA Space Place Art Challenge!**  
Click here to learn more

This Month's Art Challenge Selections  
Submit a poem about Earth! Click here to view more poems!

Earth Poem  
By Anoush  
I love the Earth so much  
I love the Earth so much  
Why do we love the Earth?  
I know why we love the Earth  
I love the green plants  
I love the animals  
I love the wind  
I love the water  
I love the Earth so much  
I want to be an astronaut  
So I can see Mother Earth  
Let us all love our planet Earth!

Camera Crafts Activities Videos Glossary Mystery

MEET THE ASTRONAUTS NOW IN SPACE

MENU

Jasmin Moghbeli Dmitry Petelin Sergey Prokopyev Francisco Rubio

**Click on the links below to learn more about what our experience will be like.**

[ARISS: Talking to Astronauts](#)

[Space Station Live: Hamming it up on Space Station](#)

[Amateur Radio on the International Space Station \(ARISS\) - The 1000th Educational Radio Contact](#)