ZERO ROBOTICS

🌙WHERE DO ASTRONAUTS PARK THEIR SPACESHIPS ON THE MOON? 🌙

Beside a parking meteor

YAY! It is ISS FINALS WEEK. Below is important information to help you plan for the week.

🚀**Finals Day Event - August 3rd**

Day: Wednesday August 3, 2023

Link to Join: Provided on August 1st

Start Time: See the below chart for your time zone details

Stop Time: See the below chart for your time zone details

Live Q&A During FInals: post in Piazza

NASA has proposed the below schedule to better accommodate all students and give everyone the opportunity to experience the thrill of being LIVE and in real-time with the astronaut by breaking the ZR Finals Event into three sections. This schedule will allow all teams to make some - if not all - of the event.

---- EASTERN ----	---- CENTRAL ----	---- MOUNTAIN ----	---- PACIFIC ----
Part 1. 7:15 am *to* 9:30 am Part 2. 10:15 am *to* 11:00 am Part 3. 12:30 pm *to* 1:30 pm	Part 1. 6:15 am *to* 8:30 am Part 2. 9:15 am *to* 10:00 am Part 3. 11:30 am *to* 12:30 pm	Part 1. 5:15 am *to* 7:30 am Part 2. 8:15 am *to* 9:00 am Part 3. 1 10:30 am *to* 11:30 am	Part 1. 4:15 am *to* 6:30 am Part 2. 7:15 am *to* 8:00 am Part 3. 9:30 am *to* 10:30 am
First Break: 45 minutes Second Break: 90 minutes National and local online presentations prepared for breaks			
Currently Scheduled Time on Station that ILC & MIT are trying to change: 5:30 (EST) am to 10:30 am (EST) 4:30 am (CST) to 9:30 am (CST) 3:30 am (MST) to 8:30 am (MST) 2:30 am (PST) to 7:30 am (PST)			
A link to join virtually from your viewing party will be available on Tuesday August 1st			

Final approval from NASA Headquarters and all ISS Partner Agencies is still pending

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🚀**How are you VIEWING the ISS LUNABEE Finals on August 3rd?**
Whether you are watching the finals with a single team in your school or you are one of many teams coming together for a watch party, let us know what you are planning and how we can help. Will your single team be logging in from separate locations? Are you hosting a viewing party? Maybe you are attending a viewing party? Please complete this very brief form letting us know your plans: https://forms.gle/UXLEXskPekCv2frw6

🚀**Finals Day Technical Walk Through - Aug. 1st, 1:pm EST**
To make your ZRFinals Event run effortlessly and smoothly, we will be hosting a technical walk through on Tuesday - August 1st at 1:pm EST. to ensure all teams are prepared for streaming the ISS Feed and setting up optimal viewing. At least one lead or mentor from each team is encouraged to join and if you have an A/V team supporting you, they should join as well. The link to join is: https://us02web.zoom.us/j/2951623532

🚀**Finals Certificates**
Attached to this email is the 2023 Certificate of Achievement template. Please edit the document to include each student's name and print them out so that you can present each student with their own certificate at the finals.

🚀**Finals Link**
We will send a link to watch the finals in the next few days. Be on the lookout!
Try to find the BIGGEST SCREEN possible to project the ISS and have a good sound system!

🚀**COMPLETE Student Post Surveys before the finals!**
All students must complete the post-program survey this week. It can be accessed through this link which is on the ZR website under → Tournaments → Zero Robotics Middle School Summer Program 2023 → Evaluations & Program Surveys tab→ Student Post-Survey.

🚀**COMPLETE EDUCATOR Post Surveys after the finals event (by Monday 8/7/23)**
All Educators, mentors and coaches must complete the post-program survey by Monday August 8th, 2023. It can be accessed through this link which is on the ZR website under → Tournaments → Zero Robotics Middle School Summer Program 2023 → Evaluations & Program Surveys tab→ Educator/Teacher/Mentor Post-Program Survey.

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🚀The Aerospace Corporation Video Challenge - *age limit lifted!*

Good News! We spoke with Aerospace and they agreed to remove the 8th grade limitation on their video submissions. We hope you can prepare a video sharing your ideas about the future of space. Details include:

- Video is preferred in .mp4 format.
- Video is preferred in Landscape Orientation.
- Video should be between 30 – 60 seconds
- Age limit for videos - NONE. The 8th grader limitation has been removed.
- Deadline to submit is Tuesday, August 15th 2023.
- Upload your video to this Google Folder
- A parent/guardian must sign this permission slip and upload it to this folder in order for your video to be considered.
- This is the conference in October '23 where they want to use videos: AIAA Ascend Conference
- While we previously sent you a few prompts via prepared questions *(-Draw a picture or write a short story of what you think the future of space will look like, show and share what you created! What do you think you'll be doing in space one day? What kind of job do you think you'll be doing in the future? What excites you most as you think about your future?)*, you do not need to answer those specific questions – they are suggestions only.
    - If you wanted to spend 60 seconds talking about a problem in space that you would like to solve - that would be good too.
    - You could also make a video about what you hope to contribute to space exploration and space science as a student or future professional.
    - If Zero Robotics has inspired you to continue coding for space, you can share that story.
    - If you have a request for current space explorers that will support you in the future, what might that be?

🚀Team Photos

Do you have a great photo of your team? Maybe a screenshot of your alliance working together? We'd like to see all of your great photos from this summer! Upload them here: https://drive.google.com/drive/folders/1iVsFTQvMdKYEu5h5sLI5OSGDdGvzjHuT?usp=sharing

🚀Your 2023 LUNABEE Referee is…..

We can confirm that our astronaut host for Finals will be MIT's very own Woody Hoburg. Feel free to follow him on social media platforms and have students research Woody's work on earth and aboard the ISS.

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🚀**Other Suggested Activities for this week as we await finals**

1. Strategy presentations
    a. Make a presentation showcasing the strategies your team chose for the ISS!
2. Research the current crew on the International Space Station and guess who will be your ZR 2023 referee!
3. Make a poster or a sign representing ZR that you can show when we welcome your team!
4. Invite a special guest to your finals event!
5. Contact the local newspaper to tell them about your summer adventure.

🚀**Additional Ideas**

NASA Television

Get to Know the ISS

ISS HD Earth Viewing Experiment

NASA STEM

Sincerely,

The Zero Robotics Team

Subscribe to the Zero Robotics Facebook, Twitter, Instagram, and Tiktok!

#ZeroRobotics - #WriteCodeForSpace - #MakeSpaceForKids - #Astrobee - #NASA - #LUNABEE23

Share your photo with us by emailing Katie@MassILC.com or ZeroRobotics@MIT.edu

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