

🌙 WHY IS THE MOON ALWAYS HUNGRY? 🌙

Because it is only full once a month!

Congratulations on submitting your Round One code! You're almost done with the program, so push on to hit that final code submission date! This week's priority is to ensure that you have communication with your Alliance, develop your final player code, and submit it **Friday, July 21st!**

🚀 Alliances Announced - Monday 7/17/23 at 2:00pm

The Zero Robotics team will announce the ALLIANCES today (Monday July 17th) at 2:00pm EST. You can join the announcement live via Zoom at: <https://us02web.zoom.us/j/88973789263>. We will also post 2023 Alliances to the 2023 Zero Robotics Page - but you are **STRONGLY ENCOURAGED** to have at least one representative in the announcement to hear special instructions.

🚀 Round One Rankings

Round One rankings and scores will be posted to the ZR 2023 on July 17th by 3:30pm

🚀 Alliances - TEAM LEAD CONTACTS

The official Alliances will be posted to the ZR 2023 website on July 17th by 3:30pm EST after the Alliances Announcement. You must coordinate a time to meet with the other teams as soon as possible. You can find the team contact information here:

<https://zerorobotics.mit.edu/tournaments/39/info/256/0/> - If you do not see your team or anything is incorrect, please let us (AND YOUR ALLIANCE members) know ASAP.

Alliances are mandatory
Collaboration is mandatory
Communication is key

🚀 Alliance Team Name Needed - Tuesday 7/18/23

Based on the alliances randomly generated, be prepared to collaborate on code for a joint ISS submission. Additionally, please email in your team's new team name *as soon as possible!* The deadline for this submission is Tuesday, July 17th, so make sure to email us at zerorobotics@mit.edu with your team's name.

ISS Finals Competition Code Deadline and Instructions

The code deadline for the Finals is Friday, July 21st. Code is due by 5 PM local time. **ONLY ONE CODE PER ALLIANCE SHOULD BE SUBMITTED**, so work together this week to determine what you will submit - **AND WHICH TEAM WITHIN THE ALLIANCE WILL SUBMIT!**

Tips for Submitting Code

- When creating a project for the competition be sure to select: *Lunabee* (not Free Mode)
- Please check that your code simulates and compiles correctly
- **IMPORTANT:** Only team leads - or someone designated as a Team Lead - should submit code.
- **IMPORTANT:** "TEAM LEAD" status is **ONLY** done on the "MANAGE TEAMS" tab of the IDE.

Finals Day Event - August 3rd

Our team is hard at work with NASA on preparing an amazing Finals Day Event for your team! Our current day is **Thursday, August 3rd**. We're currently awaiting confirmation from NASA regarding the exact time but please expect our event to be during the business day for the Astronauts (which operate on UK time). We will share more information as soon as we have it from NASA.

Finals Day - Event Planning Meeting

Because we are spread out across the country and some states have restrictions in place for meeting, we plan to have a [PRELIMINARY PLANNING MEETING](#) on Thursday, July 20th at 12:30 pm EST to help you plan for August 3rd. (if you can't make this day or time because you are working on final code submission, contact Katie to schedule an event planning meeting.)

Sandbox Accounts Now Available

The ZR team has successfully been able to get the Sandboxed accounts up and running. Should you wish to use the sandbox accounts during the ALLIANCE phase, this may be a great way to manage your "new" larger team. If you requested accounts, they will be sent to you today. If any instructors are still interested in accounts for your students, please email ZeroRobotics@MIT.edu and a member of the ZR team will set those up ASAP.

Aerospace Corporation Video Challenge

Our sponsor, The Aerospace Corporation is looking for 8th graders to make short videos for the upcoming AIAA Ascend Conference. If Interested, **Videos** should be 30-60 seconds in length.

Prepared Questions include -*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?* Contact Katie@MassILC.com for submission instructions.

ZR Video Challenge: Show What You've Learned!

An essential part of being a great scientist, space engineer, and computer programmer is being able to look back on your work and reflect. We challenge your teams to create a 45 second video demonstrating what you've learned throughout the past four weeks. Share what YOUR strategies were for conquering this year's challenge! We will show these videos during the finals. See Details below:

- All videos must be no longer than 45 seconds.
- Be creative! Add music, do a little skit, it's up to you and your team as long as you show what you've learned.
- If you do add music, please make sure it's publicly available under a Creative Commons license.
- Please have the videos submitted to zerorobotics@mit.edu **NO LATER THAN July 28th!**
- We'd love to be able to show these during the finals event! Make sure that everyone in the video consents to having themselves shown during the event.

Did You See the Webb Space Telescope Images Recently ?!

NASA's [James Webb Space Telescope](https://www.nasa.gov/telescopes/index.jsp?cid=15478) (JWST) is an infrared space observatory that launched on Dec 25, 2021. The first scientific images from Webb were released on July 12, 2022! AND this July 12th, Webb celebrated its 1st year of science with a close up-up on the birth of sun-like stars! \$10 billion James Webb Space Telescope is NASA's largest and most powerful space science telescope yet. It took 30 days for the James Webb Space Telescope to travel nearly a million miles to its permanent home: a Lagrange point. This is a great way to familiarize the students with the history of the space program for which they are now programming!

ZERO ROBOTICS



Additional Ideas

[NASA Television](#)

[Get to Know the ISS](#)

[ISS HD Earth Viewing Experiment](#)

[NASA STEM](#)

Got Questions? Get Answers!

Educators and students can join “Office Hours” to ask questions and get help. The links and times of virtual office hours can be found on the [Zero Robotics Website](#).

If you have other questions, you can [post in Piazza](#) and we will address them within 24 hours (excluding weekends and holidays). Or you can always email zerorobotics@mit.edu and we will try to respond as quickly as possible. We wish you a successful 4th week!

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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REMOVE ME FROM THIS LIST

If you believe you are receiving this email in error - or you are withdrawing your team - please fill out this form asap requesting that

[ZR REMOVE ME/MY SCHOOL from the 2023 Zero Robotics Summer Communications List](#)