

GOING THE DISTANCE ENGINEERING

Hello all **Going the Distance** Engineering teams,

We, the Colorado State ACM's, are in preparations for the Colorado State Tournament:

To be held on Saturday 04/06/2024 at **Hinkley High School**,
1250 Chambers Rd, Aurora, CO 80011.

We were wowed to see all the GOING THE DISTANCE teams at the regional tournaments and are equally excited to see the teams and their improvements at the state tournament! Keep on creating, keep on building. We are excited to see your team!

This letter is intended to help minimize stress and let your team know how the process will work at the state tournament.

1) **WHERE TO GO?** The Engineering Challenge (Going the distance, Challenge E) site will be in the Auxiliary GYM on the second floor. There will be 2 sites. One for Elementary level teams and one for Middle, Senior, and University level teams.

2) **MODULAR DEVICE CHECK-IN AT PREP AREA TIME.**

As the Challenge states:

Please arrive approximately **30 minutes prior** to your Presentation time.

For example: If the team's performance time is at 11:20, the team needs to be at the prep area at 10:50 with everything needed for their performance.

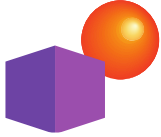
Bring all parts of the Modular Device in the team-provided container, as well as everything else your team needs for your Presentation, including any props and costumes, to the Prep Area at the tournament.

Note that there is no separate Check-In Area for this Challenge.

3) **IMPORTANT MODULAR DEVICE CHECK-IN INFORMATION FOR PREP AREA.**

As the Challenge states:

- a) The Modular Device and all its parts must fit inside a team-provided container.
- b) The team-provided container must have a closure, such as a lid or flap, so that it can be completely closed when all parts of the Modular Device are inside.
- c) When closed, the container's outer dimensions (length, width, or height) must not exceed 20in (50.8cm).



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Prep Appraiser will verify:

- a) That all parts of the Modular Device fit within the team-provided container and that the container can be completely closed when all parts of the Modular Device are inside.
- b) That none of the container's **outer** dimensions (length, width, or height) exceed 20in (50.8cm).
- c) Your team's Estimated Launch Distance.
- d) Will confirm that no damage can be made to the tournament provided floor by the Modular Device..
- e) The Prep Area Appraiser will complete the rest of the Prep process with your team. After the Prep process has been completed, your team will move all items needed for your Presentation into the Launch Area.
- f) See Rules of the Road, Standard Tournament Procedures for Team Challenge.



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4) Important Challenge reminders:

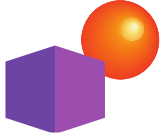
- a) Modular device appraisers will only say whether the Launch Test was **Successful** or **Unsuccessful**. They will not explain an unsuccessful test as they did at regionals. Therefore be sure to read all the Launch Test rules on pages 9-12 of the challenge Or watch our Going the Distance youtube channel...
<https://youtube.com/playlist?list=PL-2C12ZiSWpo9NAFOgv49j54W-GcBSrtj&si=Lj5thpohWSa2LTn4>
- b) After the beanbag has been released from the Modular Device, the beanbag must not touch anything other than the tournament-provided floor or Measurement Zone(s) until it comes to rest.
- c) Please make sure your team has read all the public clarifications:
<https://resources.destinationimagination.org/resources.php/clarify/public-clarifications/170>

4) Tournament Data Forms (TDF): Have the team complete and review their Tournament Data Forms located in the DI resource area:

<https://resources.destinationimagination.org/resources.php>.

Please be thorough and detailed in your descriptions.

- a. Have they looked at their Team Choice Elements (TCEs)? Of what are they most proud? What in their presentation best shows their workmanship and effort? How are their TCEs integrated into their solution? Can they provide some additional detail that will help them score better? For example, rather than a generic "costume", perhaps it's "so and so character's costume, that we made using x, y, and z....".
- b. Does the form explain the ordinary character and how the ordinary character takes action in response to the catalyst?



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c. Does the team explain the catalyst?

7) **Expense Reports:** Have the team review the expense. Please remember: Even if you own or borrowed an item, there still needs to be a cost attributed to the item. The cost can be for a rental, garage sale, or thrift sale prices. The expense report is an evaluation of everything used by the team in their performance. It's a detailed list of what someone else would need to replicate their solution.

a. Certain items may be cost exempt; however, it still needs to be listed on the form in the appropriate box.

See section VII F-G on pages 23-26 in rules of the road regarding expense reports. Those sections are attached at the end of this letter. Please reach out to us at Buistfamilyusa@gmail.com, cogswellk@comcast.net and dakdot123@gmail.com with any questions.

8) VISIT OUR YOUTUBE CHANNEL AT:

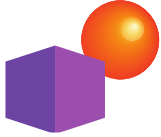
<https://youtube.com/playlist?list=PL-2C12ZiSWpo9NAFOgy49j54W-GcBSrtj&si=Lj5thpohWSa2LTn4>

9) **Review the rules for interference**, particularly as they relate to the Modular Device. Team members are **100% responsible** for the **Modular Device** and **anything else used in their performance at the tournament**. 100% encompasses design, team provided container, choice of materials, cutting, gluing, costume wearing, hair and makeup, everything. Please help your teams avoid deductions from their scores because a well-meaning parent, sibling, or team manager did the cutting, gluing, or other construction. This will result in a deduction. We too often hear that a parent helped because of safety concerns using some tools, or even hot glue guns. Such interference will result in a deduction. We share your concern for safety, but believe it is possible to demonstrate and teach safety, or alternatively, to work with team members to find a different way to build their elements. We at DI believe that kids are amazing and can do this.

10) **Repair Kit:** Have the team assemble and bring a tool/repair kit. This kit could contain additional materials and tools to make repairs, adjustments, or if need be, repair the Modular device. Things happen, contingency supplies can be a relief.

- Remember Any tools or materials used as part of the Modular Device must be packed in the container.
- However, tools used only to assemble or transform the Modular Device do not have to be packed into the container.

11) **Clean up:** Be sure to bring any **CLEAN UP SUPPLIES** that you may need to leave the performance site in exactly the same condition it was prior to your performance! The Appraisers will not have clean-up supplies available.



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12) Caution Items and notes from the State Tournament Director:



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1. Helium is allowed if under control. If the team loses control over the balloon and if it cannot be retrieved then the team will receive a small penalty (similar to a penalty imposed for a scratched floor).

2. Dry Ice is allowed, if proper protocol is followed.

3. No tolerance policy toward guns.

4. No lights will be turned out.

Good luck to all. The entire appraisal team is looking forward to seeing you and your teams on Saturday April 6th.

From your Affiliate Challenge Masters:

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