



Welcome to NWAY's 2022 Lunar Habitat Design Competition! We sincerely **Thank You** for your interest in supporting middle school students and teachers in this National Competition.

**All judging will be conducted online – you can join the fun from anywhere!**

**Lunar Lava Tubes** will be this year's theme and students can compete in two different categories:

- **Habitat** - Using a lava tube teams will design and build a lunar **habitat**. The physical 3D habitat model will be built from recyclable materials.
- **Technology** - Design and build a working prototype using some hardware or software **technology** to support your Lunar Lava Tube habitat and/or your astronaut team.

### Who can be an NWAY judge?

*A variety of backgrounds are preferred such as career professionals and retirees in science, technology, engineering and/or mathematics (STEM). College students studying related STEM fields can also apply. Judges should have a technical background to understand the projects. You may need to do a bit of research about the moon and space, but you do not need to be a technical expert in those areas. If you have a good understanding of engineering and science practices, you will be set!*



### Why should I be a judge?

- Inspire students to get excited about STEM and pursue STEM careers.
- Engage with students to provide an example of authentic STEM skills and practices.
- Share your passion and enthusiasm for your STEM career.
- Inspire teachers to promote STEM education and careers.

### Process & Important Dates:

1. Review the [Mentors/Judges](#) and the [Design Competition](#) webpages to understand your obligation and program goals.
2. Review the [Competition Handbook](#) to understand specific details of the competition AND get familiar with the scoring rubrics.
3. **Register by April 10** [here](#).
4. Mid-April you will be assigned 2-3 teams. Teams consist of 4-6 students. NWAY will establish a communication channel between you and your teams.
5. From **April 29 to May 3**, you will review your teams' presentation video (4 minutes), score them using the provided rubric and provide them with feedback. This will be done on your own from your computer.
6. Based on scores, NWAY will select the top 10% of teams in each category to the Final Round.
7. *Optional* ... if you would like to judge the finals on **May 14**, you will spend approximately 2 hours in an online conference-styled setting.