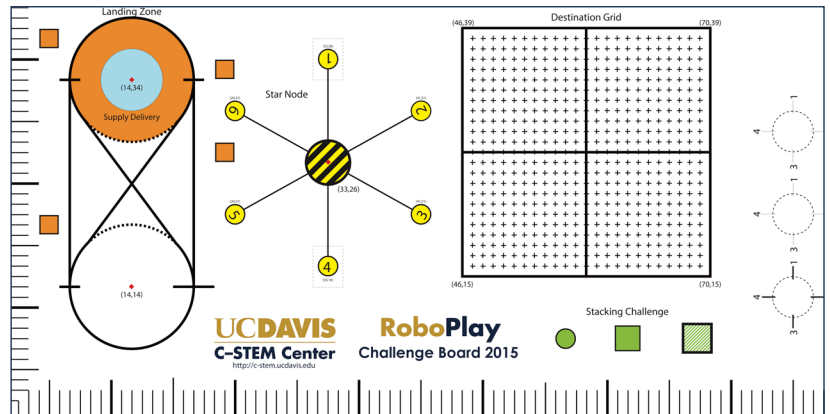


# RoboPlay Competition



## About RoboPlay Competition

RoboPlay is our annual culminating event featuring two separate competitions for K-12 students, **RoboPlay Video Competition** and **RoboPlay Challenge Competition**.



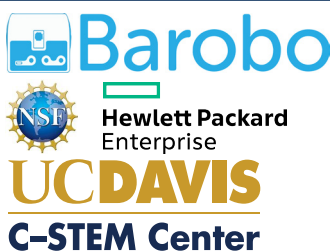
## Video Competition

RoboPlay Video Competition is a robotics-centric video competition for K-14 students. It is designed for students to learn robotics while having fun and exploring their creativity in writing, storytelling, art, music, choreography, design, video editing and film production, and at the same time seamlessly learning C-STEM subjects.

### Video Content

- The robot(s) and their coded movements must be critical to the video. All scenes should focus on robots as the primary figures.
- Each video must be between 1 and 5 minutes long.
- All elements of the video, except music, must be produced originally by the students.

## Sponsors



## Challenge Competition

RoboPlay Challenge Competition is a theme-based level-playing-field robotics competition for students in grades 5-12. It is designed for students to showcase their real-world math problem solving skills in a competitive environment. This competition simulates a real-world problem, such as space exploration, search and rescue operation, and manufacturing and automation, where a robotic solution must be quickly developed and deployed, using only existing resources with the constraint of the time. The competition challenges students to creatively use modular robots and accessories to complete various tasks. The competition arena and specific challenges will be unknown to participants until the day of the competition. Using their math, programming, and problem solving skills, student teams try to most efficiently obtain the highest score for each task on their own.

**Time:** Annually mid-May

**Locations:** UC Davis and Irvine, CA

### Contact Us

For more information about the RoboPlay Competition or the C-STEM program, please visit [c-stem.ucdavis.edu/roboplay](http://c-stem.ucdavis.edu/roboplay) or email [cday@c-stem.ucdavis.edu](mailto:cday@c-stem.ucdavis.edu).