

Virtual information session

May 10, 2023



CTE MOMENTUM

YOUR PLACE IN SPACE CHALLENGE

Agenda

- Challenge overview
- Challenge details
- Q&A

This presentation will be available on the challenge website: YourPlaceinSpaceChallenge.com.



U.S. Department of Education



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This project is funded through CTE National Activities, Perkins V, Section 114 (c)(1).



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Featured speaker



Kris Brown

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Challenge introduction





CTE Momentum

- A new annual challenge series from the U.S. Department of Education
- CTE Momentum seeks to prepare high school students for rewarding careers and increase access to career and technical education
- Consistent structure and timeline for annual challenges will enable teachers to more easily plan and incorporate challenges into their classrooms



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YOUR PLACE IN SPACE CHALLENGE

The Your Place in Space Challenge
invites high schools to submit designs
for a product or service that contributes
to space missions and exploration.



Growing demand for a skilled workforce



The U.S. space industry is expected to **triple in size over the next 30 years**, creating hundreds of thousands of high-paying jobs.



Continued growth will require a **skilled workforce** to support developments in space missions and exploration.



However, students who are otherwise interested in the space industry may opt out due to limited mainstream representations of the **diversity and breadth** of space careers.

Many pathways lead to exciting space careers



Any career can be a space career – and career and technical education programs present a natural starting point for a space career.



Welders build rockets and satellites.



Architects design habitats for low-Earth orbit, the Moon, and beyond.



Personal trainers prepare astronauts for spaceflight.



Chefs prepare food for the International Space Station.



Your Place in Space Challenge objectives

- Create engaging learning opportunities for students to explore the challenges and opportunities in space missions.
- Connect CTE programs with a wide variety of space careers.
- Inspire students to envision and pursue space careers.



Teams can explore a wide range of solutions

Get creative! The possibilities are limitless. For example, teams might design...



An approach that will help address the problem of space debris.



A restaurant, hotel, or entertainment concept for space travelers.



A device that benefits workers on the International Space Station.



An app that uses data captured from space to support an environmental effort.



Submission form components

School and team overview	<ul style="list-style-type: none">▪ Participating school(s), team, and connection to CTE.
Design overview	<ul style="list-style-type: none">▪ Design description, context, and impact on space missions or exploration.▪ Key design features and details.▪ A 60-second video that shares the thinking behind the design.
Design development and implementation	<ul style="list-style-type: none">▪ Preliminary project plan.▪ Explanation of how the design connects to space careers.▪ Overview of potential community engagement strategy.
Principal or administrator approval	<ul style="list-style-type: none">▪ Written approval from a principal or district-level administrator.

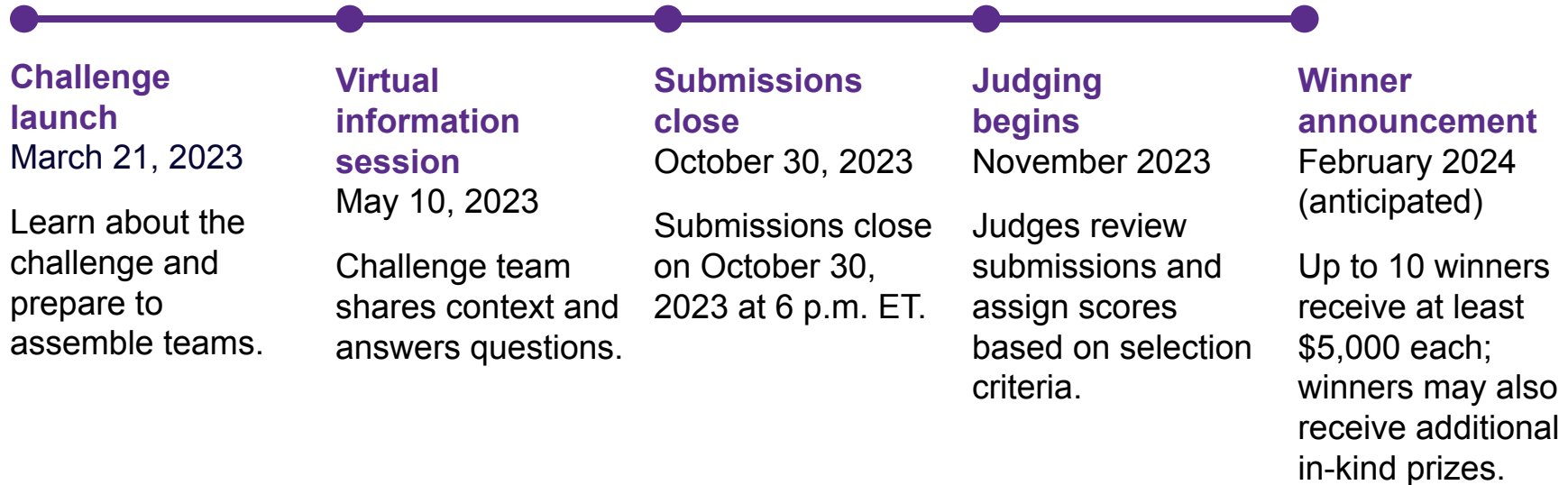
Visit the challenge website to see the full submission form.

Challenge details





Challenge timeline





Eligibility

- An eligible entrant to the Your Place in Space Challenge must meet the definition of Eligible Recipient in section 3(21)(A) of [Perkins V](#) and be eligible to receive funds under section 131 of Perkins V.
- Each team lead must be employed as a CTE teacher or CTE coordinator by the submitting school and must be at least 18 years of age.
- For more information, please visit the [Rules, Terms, and Conditions](#) on the challenge website.



Selection criteria

Submissions may earn up to 20 points for each selection criterion, up to a total of 100 points.

Call to action	The extent to which the submission demonstrates a design for a product or service that will contribute to space missions and exploration.
CTE connection	The extent to which the submission demonstrates an ability and intention to incorporate available CTE programs and include CTE students at the school.
Learning outcomes	The extent to which the submission demonstrates an ability and intention to improve student knowledge and hands-on exposure to space skills and multidisciplinary content.
Student populations	The extent to which the submission focuses on students from special populations and underserved student populations.
Community engagement	The extent to which the submission describes how the entrant plans to engage the broader educational ecosystem that includes, but is not limited to students, parents, industry partners, local governments, and community organizations.



Prizes

Up to 10 winners will receive at least \$5,000 each.

Winning teams may also receive in-kind prizes such as:

- Mentorship opportunities
- Classroom equipment
- Site visits to space company campuses

PRIZE POOL
\$50,000



Next steps

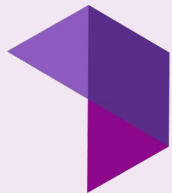
- Contact hello@YourPlaceinSpaceChallenge.com with any additional questions.
- Add hello@YourPlaceinSpaceChallenge.com to your address book to make sure important messages are not marked as spam.
- Visit YourPlaceinSpaceChallenge.com to sign up for the newsletter, browse resources, and start working on your submission.

Visit YourPlaceinSpaceChallenge.com
to learn more and sign up for the latest
challenge news.



Q&A





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