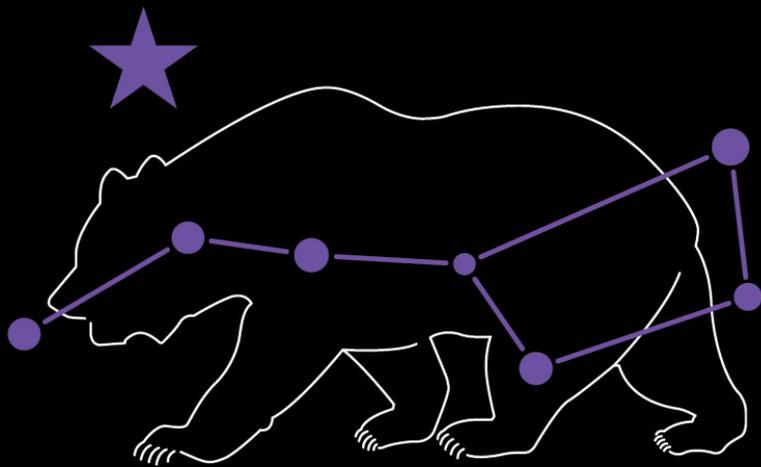


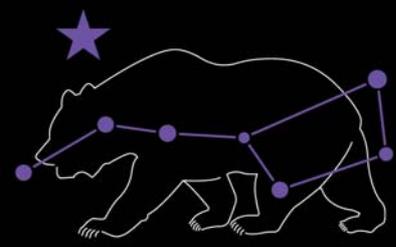


**This workforce solution was funded by a grant awarded under Workforce Innovation in Regional Economic Development (WIRED) as implemented by the U.S. Department of Labor's Employment and Training Administration. The solution was created by the grantee and does not necessarily reflect the official position of the U.S. Department of Labor. The Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership. This solution is copyrighted by the institution that created it. Internal use by an organization and/or personal use by an individual for non-commercial purposes is permissible. All other uses require the prior authorization of the copyright owner.**



# California Space Education Center

[www.csewi.org/csec](http://www.csewi.org/csec)



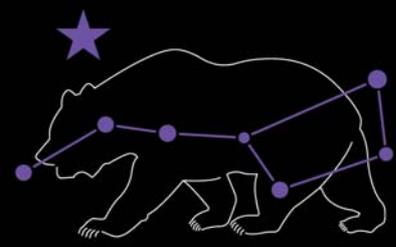
# California Space Education Center



## **about:**

The **California Space Education Center** is a web-based research, education and workforce collaboratory that aims to increase interest and show relevance of science, technology, engineering and math (STEM) disciplines, expose students to consecutive steps in the STEM career pipeline, and provide opportunities for students and potential entrepreneurs to become involved in a community of participatory learning focused around STEM careers.



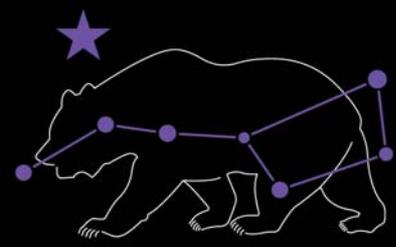


# California Space Education Center

## The California Space Education Center:

California Space Center  
Regolith Excavation Challenge  
CA Space Enterprise Speakers Bureau  
Space Education  
STEM Inventory  
Career Voyages  
Mentor Match Program  
Space Space Blog  
Daily Space Images  
Space-related Videos  
Resources  
STEM Projects & Programs





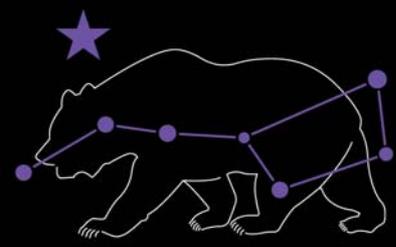
# California Space Education Center

## The California Space Center



On California's beautiful central coast, a new multi-faceted, multi-year project is developing that will enhance public appreciation of space enterprise. As envisioned, the **California Space Center** will also inspire young people with space, science, math and engineering educational activities and offer space-related facilities, entertainment and cultural exhibits.

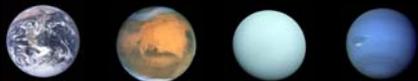


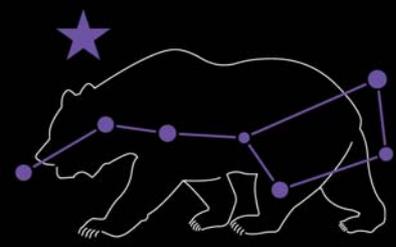


# California Space Education Center

## Regolith Excavation Challenge

The **Regolith Excavation Challenge** promotes the development of new technologies to excavate lunar regolith. Excavation is a necessary first step towards lunar resource utilization, and the unique physical properties of lunar regolith make excavation a difficult technical challenge. Advances in lunar regolith excavation have the potential to contribute significantly to the nation's space exploration operations.





# California Space Education Center

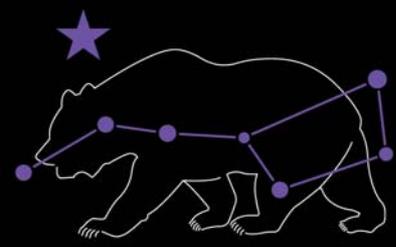
## California Space Enterprise Speakers Bureau



In January 2008, the California Space Authority and the California Space Education and Workforce Institute created the **California Space Enterprise Speaker's Bureau**. The Speakers Bureau is an elite group of seasoned industry professionals and new space professionals throughout the State of California. This selected group of individuals represents the region on a broad range of issues relative to the space industry.

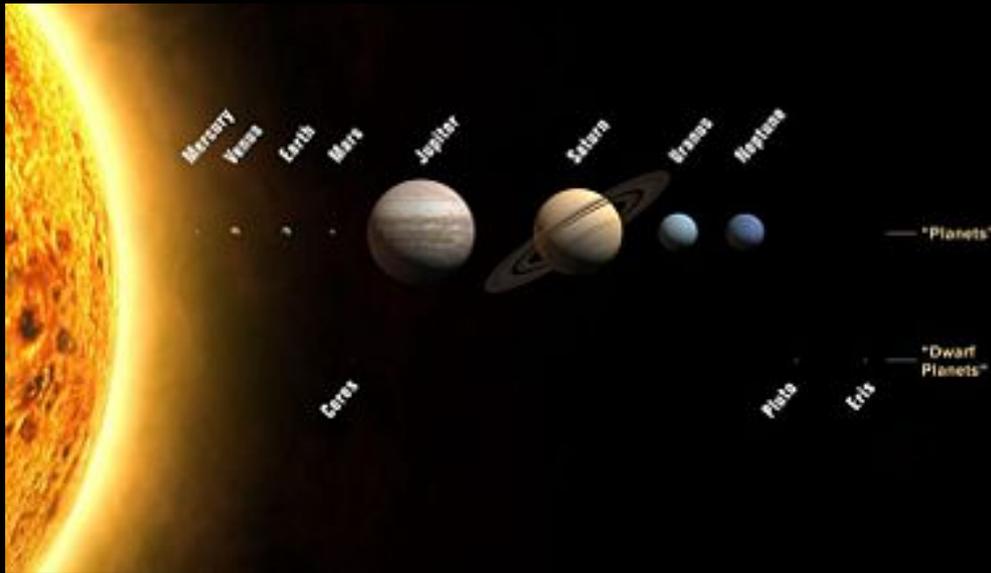
Speakers act as ambassadors for our industry, and offer audiences valuable information on the California Space Authority, the California Space Education and Workforce Institute, California Space Enterprise and many other topics. They are knowledgeable, bring their presentations to life, and inspire informative discussions.





# California Space Education Center

## Space Education



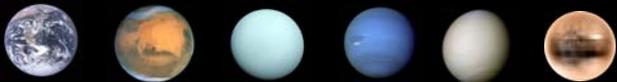
**NASA in Your Life:** learn how NASA interacts with your daily life through an interactive program.

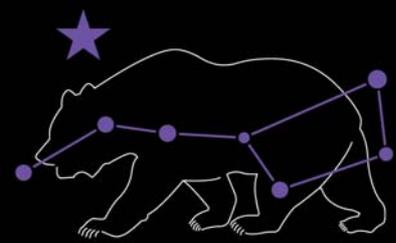
**Planets:** learn about each of the planets.

**Transit of Venus:** learn what the transit is and watch an educational video.

**Solar / Lunar Eclipse:** learn about the eclipse's.

**Solar System:** learn about our solar system.





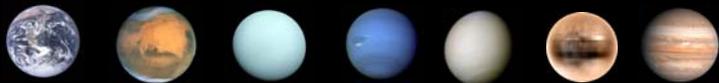
California  
Space Education  
Center

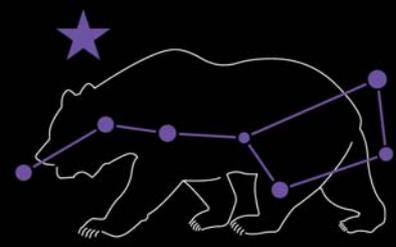
## Space Space

Rumor has it that the space industry is for a bunch of dweebs, geeks and weirdos. Well, call us what you want to call us, but one thing you can't call us is un-cool. Today we are an industry that rebels against lab coats and pocket protectors - signaling how the old times are a changing. These changes won't come in the form of some "giant leap," but the first step starts here. The California Space Authority's *New Space Professionals Working Group* is jettisoning space culture to a whole new level through their fun, quirky, creative and smart, blah blah blah, **Space Space** blog series. Time to sit-down, log-on, sign-up and blog - till the well runs dry and the cows come home.

## M E N T O R M A T C H

The California Space Education & Workforce Institute has partnered with [icouldbe.org](http://icouldbe.org) to create a virtual **Mentor Match** platform for aerospace industry professionals to mentor university students. This new website will provide university students with the guidance and career planning necessary to develop career goals in the field of aerospace.





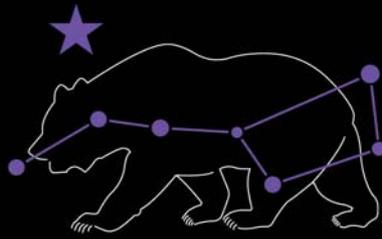
# California Space Education Center

## Career Voyages

[CareerVoyages.gov](http://CareerVoyages.gov), a result of collaboration between the U.S. Department of Labor and the U.S. Department of Education, is a website designed to provide information on high growth, in-demand occupations along with the skills and education needed to attain those jobs.

In addition, the California Space Education and Workforce Institute and California Space Authority are designing outreach flyers that will attract high school and college level students to study for careers in the aerospace industry.





California  
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**[www.csewi.org.csec](http://www.csewi.org.csec)**

*Funding provided by Department of Labor, Employment & Training Administration: WIRED Initiative*



**contact: [randall.echevarria@californiaspaceauthority.org](mailto:randall.echevarria@californiaspaceauthority.org)**