

INSPIRE - ENGAGE - EDUCATE - EMPLOY

The Next Generation of Explorers

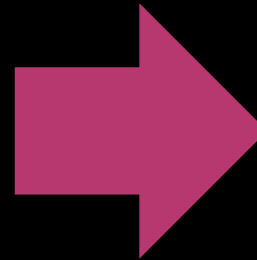


NASA's OFFICE OF STEM ENGAGEMENT UPDATE

SUPER SEARCH ENGINE WEBSITE UPDATE

UPCOMING OSTEM WEBSITE UPDATES

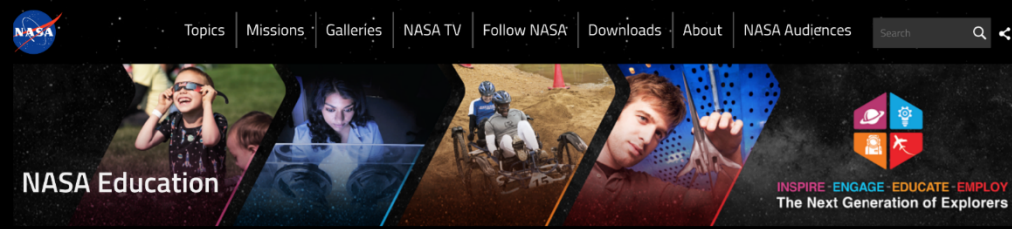
The current NASA Education website features a top navigation bar with links for Topics, Missions, Galleries, NASA TV, Follow NASA, Downloads, About, and NASA Audiences, along with a search bar. The main header includes the NASA Education logo and the tagline "INSPIRE · ENGAGE · EDUCATE · EMPLOY The Next Generation of Explorers". A left sidebar contains a "Follow" section with social media icons and a list of links: NASA Education, For Educators, For Students, NASA Kids' Club, Search Educational Resources, Latest NASA Education News Releases, NASA Education: (Education Leadership, NASA Centers and Facilities, NASA Mission Directorates, Performance Assessment, Education Programs, Education Contacts), Related Topics, and All Topics A-Z. The main content area is a grid of featured stories, including "About NASA's Education Program" with Mr. Mike Kincaid, "APOLLO 50", "NASA Education Programs and Projects" with an A-Z list, "NASA EXPRESS your STEM connection", "Tweets by @NASAedu", "Subscribe: Weekly Email Highlighting Education Opportunities", "#TeacherOnBoard -- A Year of Education on Station", "Get Social with NASA STEM Engagement!", "Partnerships and Collaborations", "MUREP: Minority University Research and Education Project", and "STEM Education and Accountability Project". A "MORE STORIES" button is at the bottom.



The upcoming OSTEM website layout features a top navigation bar identical to the current site. The main header includes the NASA Education logo and the tagline "INSPIRE · ENGAGE · EDUCATE · EMPLOY The Next Generation of Explorers". Below the header is a "Search Educational Resources and Opportunities" section with a search bar and filters for "Educators" and "Students". The main content area is divided into three sections: "#TeacherOnBoard A Year of Education on Station" with a featured image and text, "Explore NASA Education Websites" with a grid of links for "For Educators" (Grades K-4, 5-8, 9-12, Higher Education), "For Students" (Grades K-4, 5-8, 9-12, Higher Education), and "About STEM Engagement" (Partnerships & Collaboration, Leadership, Locations, Latest News Releases). A "MORE STORIES" button is at the bottom.



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Provides users direct access to the search tool. The collection of educational resources will include opportunities (timely events).

New keyword autocomplete functionality (suggested results).

Search Educational Resources and Opportunities

By topics for: **Educators** ▼ or **Students** ▼



Drop down menu introduces a broad range of topics or categories based on audience.



#TeacherOnBoard

A Year of Education on Station

This year, NASA is celebrating a Year of Education on the Station as astronauts and former teachers **Joe Acaba** and **Ricky Arnold** make the International Space Station their home. While on board, they share their love of STEM and their passion for teaching.

Slider to highlight key events and/or activities. Can be self-guided or auto-rotate.

Explore NASA Education Websites

For Educators



Grades K-4



Grades 5-8



Grades 9-12



Higher Education

For Students



Grades K-4



Grades 5-8



Grades 9-12



Higher Education

About STEM Engagement



Partnerships & Collaboration



Leadership




Locations



Latest News Releases

Slider/scroll (arrows) to highlight major content areas/groupings. Will need to determine maximum number to show for each (4+)

OSTEM WEBSITE SEARCH FEATURES



NASA Education

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Search Educational Resources and Opportunities

By topics for: **Educators** ▼ or **Students** ▼

<u>Opportunity</u>	<u>Grade Level</u>	<u>Type</u>	<u>Subject</u>
Internships and Fellowships	K-4	Bookmarks	Careers
Lectures and Webcasts	5-8	Lithograph	Earth Science
Competitions	9-12	Multimedia	Education
Workshops	Post Secondary	Play and Learn	General Science
Contests and Things to Do		Posters	History
Pre-Service Educators		Websites	Life Science
Other Opportunities			Mathematics
			Physical Science
			Space Science
			Spanish
			Technology

OSTEM WEBSITE SEARCH FEATURES CONT'D

[Topics](#) | [Missions](#) | [Galleries](#) | [NASA TV](#) | [Follow NASA](#) | [Downloads](#) | [About](#) | [NASA Audiences](#) |



NASA Education

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Search Educational Resources and Opportunities

By topics for: **Educators** ▼ or **Students** ▼

Search

[< Back to search results](#)



Adventures in Rocket Science Educator Guide




★★★★★

Product Type: Educator Guide
Audience: Educators, Informal Education
Grade Levels: K-12
Publication Year: 2007
Product Number: EG-2007-12-179-MSFC
Subjects: History, Mathematics, General Science, Physical Science, Technology

This guide contains 25 activities designed for 4-H Clubs, Boys and Girls Clubs, Boy Scouts, Girl Scouts, after-school programs, and other informal education venues. Participants learn about the history and principles of rocketry and NASA's newest rockets. While doing these hands-on activities, participants also learn about Hero Engines, parachutes and surface area, altitude tracking, and Newton's Laws Of Motion. Learners can also build four types of rockets and two types of egg drops.

[Adventures in Rocket Science Educator Guide](#) [6MB PDF file]

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NASA Education



INSPIRE - ENGAGE - EDUCATE - EMPLOY
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Search Educational Resources and Opportunities

[Search](#)

Search Results for: "Contests and Things to Do"

Results (57)

[Previous](#) [1](#) [2](#) [3](#) ... [11](#) [12](#) [Next](#)

[View Results in Calendar](#)

Filter By:

- ☐ For Educators
- ☒ For Students

▼ Opportunity

- ☐ Internships and Fellowships
- ☐ Lectures and Webcasts
- ☐ Competitions
- ☐ Workshops
- ☒ Contests and Things to Do
- ☐ Pre-Service Educators
- ☐ Other Opportunities

▼ Select Date Range

▼ Select Availability

- ☐ Nationally
- ☐ Internationally
- ☒ By State

► Grade Level

► Subject

► Type



[NASA's Wallops Flight Facility Visitor Center Programs](#)

Audience: Public

Event Dates: Every Wednesday, Friday and Saturday Through Aug. 31

Category: Museum Events and Exhibits, Other Opportunities

The NASA Visitor Center at NASA's Wallops Flight Facility in Virginia is offering free educational programs for visitors of all ages. Programs are scheduled each Wednesday, Friday and Saturday throughout July and August. Programs include solar system tours, "Science on the Sphere" presentations, hands-on STEAM Lab, and rocketry. Scout troops, home school and youth groups are encouraged to attend. Please call ahead for group larger than eight people.



[Mars Day! 2018 at the Smithsonian's National Air and Space Museum](#)

Audience: Open to All

Event Date: July 20, 2018, at 10 a.m. - 3 p.m. EDT

Category: Museum Events and Exhibits

Visit the Smithsonian's National Air and Space Museum in Washington, D.C., to celebrate "Mars Day! 2018." This annual event celebrates the Red Planet with a variety of educational and fun family activities. Visitors may talk to scientists conducting Mars research and learn about current and future missions.



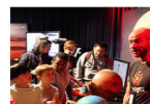
[Astronomy Night at Pocomoke River State Park](#)

Audience: Public

Event Date: July 20 at 8-10 p.m. EDT

Category: Other Opportunities

Join the NASA Visitor Center at NASA's Wallops Flight Facility, the Delmarva Space Sciences Foundation and Pocomoke River State Park for an evening of astronomy. The event will begin at 8 p.m. EDT with an Astronomy 101 presentation, followed by stargazing with high-powered telescopes. The event is free and open to the public. No registration is required. Attendees are encouraged to bring binoculars.



[Mars InSight Roadshow at the San Diego Air & Space Museum](#)

Audience: Open to All

Event Dates: Aug. 3-5, 2018

Category: Museum Events and Exhibits

Scientists and engineers working on NASA's InSight Mission are bringing the Mars InSight Roadshow to the San Diego Air & Space Museum

Notional