



Education Resources, Materials and Opportunities Delivered From the NASA Home Page

**Presented to the NASA Advisory Council
Education and Public Outreach Committee**

Presented by: Jeff Ehmen
Academic Affairs Office
Office of Human Capital

*Tereasa H. Washington, Director
Office of Human Capital*

Home Page for www.nasa.gov



HOME

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Station Crew Returns to Earth



Expedition 33 Commander Suni Williams and Flight Engineers Aki Hoshide and Yuri Malenchenko landed safely on Sunday at 8:56 p.m. EST in Kazakhstan.

The trio arrived at the International Space Station on July 17, and spent four months conducting research and exploration aboard the orbiting laboratory.

Video: Expedition 33 Landing
> @Astro_Suni on Twitter



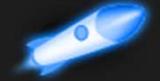
STATION & SHUTTLE



SOLAR SYSTEM



BEYOND EARTH



COMMERCIAL SPACE



UNIVERSE



EARTH



AERONAUTICS



TECHNOLOGY



NASA IN YOUR LIFE



HISTORY AND PEOPLE



Web Feedback



Curiosity Update



Crew Lands



Super Jupiter



Transporter



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nasaimages.org



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Videos

Expedition 34 Thanksgiving Message

> More Videos



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Welcome to the NASA.gov Forum

We're starting on the next go-round of what NASA.gov looks like and want to know what you think.

The digital universe has changed radically since we overhauled www.NASA.gov in 2007. Everyone's use of social media and smartphones has exploded. Visits to NASA's web sites dropped for a couple of years, then set records in 2011 and this year.

How are you making sense of all this? How do you think we here can apply what you've learned? Do you like something you've seen? Is something missing? How do you interact with NASA online? Where else do you get your NASA news from?

We've opened this forum to take your feedback. You can offer ideas of your own or comment and vote on others' suggestions. The forum will be open for new ideas until Dec. 19. We'll consider all the suggestions and do some prototyping, then see what you think.

A note from the editors: There are [rules](#) for submitting both ideas and comments. All submissions will be moderated by NASA before they become public, so please be patient once you've submitted. Comments will generally only be moderated during business hours in the Eastern United States.

[Submit New Idea](#)

Campaigns

All Ideas

- Design
- Social Media
- Mobile
- Functionality

Browse Popular Ideas

Recent (79) Popular (79) Hot (54) My (0)

I agree

CONTENT »

Feedback Score

Give the public access to more raw data

Home Page for www.nasa.gov



HOME

Educators & Students

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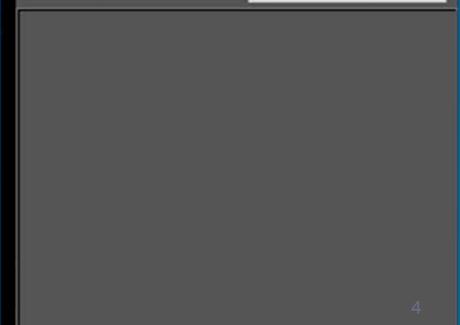
NASA Television

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> View TV Schedule

Twitter

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Dashboard for Educators

The screenshot shows the NASA Education Dashboard for Educators. At the top, there is a navigation bar with the NASA logo and links for HOME, NEWS, MISSIONS, MULTIMEDIA, CONNECT, and ABOUT NASA. Below this is a search bar and a secondary navigation bar with links for For Public, For Educators, and For Students. The main content area is divided into several sections:

- Left Sidebar:** Contains a 'NASA Education' menu with sub-sections for 'About NASA Education', 'For Educators' (listing Grades K-4, 5-8, 9-12, Higher Education, Informal Education, Find Teaching Materials, Education TV Schedule, and Current Opportunities), 'For Students', and 'NASA Kids' Club'. Below this are 'Education Image Galleries' and 'Do-It-Yourself Podcasts'.
- Main Content Area:** Features a video player showing a woman and a man in a classroom setting. Below the video is a headline: 'Earth-to-Space Video Chat Inspires Students to Reach ...' and a brief description: 'Young scientists from the Student Spaceflight Experiments Program ... astronauts on the space station during International Education Week'. There are navigation buttons for '01', '02', '03', '04', '05' and a 'View Archive' link.
- Right Sidebar:** Includes an 'Education Calendar' for November 2012, 'Education Programs', and an 'EXPRESS Email Signup' button.
- Bottom Section:** A 'Special Announcement' titled 'NASA RECOMMENDS DISCONTINUATION OF STUDENT ROCKET ACTIVITY'. The text states: 'Recently, an air pressurized paper rocket launcher being used by an educator failed. This launcher is described in NASA's Rockets Educator Guide, publications EG-2011-11-223-KSC, pp. 86-90 and EG-2008-05-060-KSC, pp. 86-90. NASA completed an engineering investigation into the failure and determined that the launcher, or design equivalents, should not be used. NASA has removed the launcher design from its website and its education curriculum. Individuals and organizations should immediately discontinue use of the launcher published in the referenced NASA publications. The point of contact for additional information is James Stofan, Deputy Associate Administrator for Education Integration at nasaedpartners@nasa.gov. We request that your organization assist NASA in disseminating this information ...'.
- Bottom Right:** A 'NASA Kids' Club' logo featuring a cartoon character and a globe.

Two callouts are present: a white speech bubble with the text 'Grade Levels' pointing to the 'For Educators' menu, and another white speech bubble with the text 'Information Locators' pointing to the 'Education Programs' section.

Grade Levels

Information Locators

Lower Half Educators Dashboard

Career Information



Students can use this page as a starting point to learn about jobs at NASA.

[View site](#)

NASA Students on Facebook



NASA has a Facebook page specifically for high school and college students. Updates are posted daily featuring competitions, internships and more.

[Join Now](#)

Online Student Application



Eligible students can access a portfolio of NASA internship, fellowship and scholarship opportunities through a single portal and a single application.

[View site](#)

NASA Student Ambassadors



NASA has inducted more than 80 high-performing interns into a new virtual community.

[View site](#)

Find Teaching Materials

NASA's Education Materials Finder will help teachers locate resources that can be used in the classroom. Users may search by keywords, grade level, product type and subject. With hundreds of publications and Web sites indexed, the finder is the best way to locate NASA educational resources.

[Find Materials Now](#)



A-Z Index – Need Some Quick Links to NASA Information?

Search this alphabetical list for items of interest to educators. Locate top level sites for interesting topics, education pages for NASA missions, and other hard-to-find pages that offer resources for educators.

[View](#)



NASA Television



Educator Resources



What Is CORE?
CORE serves as the worldwide distribution center for NASA-produced multimedia materials.

11.19.12

NASA Announces Education Research Program Award Recipients

11.15.12

Students Conduct Live Conversation With Orbiting NASA Astronauts

11.14.12

NASA, American Geophysical Union Host NASA Social in San Francisco

11.13.12

Student Teams to Build and Fly Rockets With Onboard Payloads for NASA Rocketry Challenge

11.13.12

NASA Technology Showcase Lands in Cleveland Nov. 28-30

[View Archives](#)

Partnership Opportunity



NASA Partnership Announcement

NASA seeks unfunded

collaborations with organizations to enhance its ability to achieve its strategic goals, outcomes, and objectives as they relate to education.



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Educators K-4

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NASA Home > Education > For Educators > Grades K-4

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NASA Education

About NASA Education

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For Educators

Grades K-4

Grades K-4

Featured Materials

Featured Sites

Have You Seen ...

Education Programs

Grades 5-8

Grades 9-12

Higher Education

Informal Education

Find Teaching Materials

Education TV Schedule

Current Opportunities

For Students

NASA Kids' Club

NASA eClips™



Use these educational video segments to inspire and engage students.

> View site

Picture Dictionary



Find definitions for NASA-related words designed for younger students.

> View site

Find It Fast

Featured Teaching Materials



AERONAUTICS

An Educator's Guide with Activities in Science, Mathematics, and Technology Education



Aeronautics Educator Guide

These fun and simple activities help students learn the basic principles of flight.

> View

01 02 03 >

>View Archive

Featured Sites



The Wright Way Poster
Track the early accomplishments of the Wright brothers.



Eclipse Facts
Learn more about solar eclipses!



SLS Education
Use Space Launch System materials to

Have You Seen...



NASA: With You When You Fly
See what you can expect from NASA's work on aircraft.



Total Solar Eclipse -- Live From Australia
A total solar eclipse will be visible in Australia on Nov. 14, 2012. Join this live webcast from Cairns, Australia!

Education Programs

NASA offers many educational programs for K-4 educators throughout the year. See what is available now.

> View Programs Listing

Current Opportunities

Name That Asteroid!

Students worldwide are invited to name an asteroid from which an upcoming NASA mission will return samples to Earth. Entries are due Dec. 2, 2012.

2013-14 Albert Einstein Distinguished Educator Fellowship

Applications from K-12 educators are due Dec. 5, 2012.

OPTIMUS PRIME Spinoff Video Contest

Participants must register for this video contest for students in grades 3-12 by Dec. 15, 2012.

View more

Homework Topics

Create your lesson plans using NASA articles for students.



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NASA Home > Education > For Educators > Grades 9-12

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Grades 9-12

Grades 9-12

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Featured Sites

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For Students

NASA Kids' Club

NASA eClips™



Use these educational video segments to inspire and engage students.

View site

2012 FIRST Robotics



Find out how NASA is participating in the 2012 FIRST Robotics competition.

View site

Do-It-Yourself Podcast

Featured Teaching Materials

NASA'S LAUNCHPAD

THE GREAT BOOMERANG CHALLENGE



The Great Boomerang Challenge

This guide from NASA eClips explores the engineering design process and discover the ways forces affect a boomerang.

View

01 02 03

View Archive

Educators 5-12

Education Programs

NASA offers many educational programs for 9-12 educators throughout the year. See what is available now.

View Programs Listing

Current Opportunities

Free Webinar: Robotics on a Budget

Join aerospace education specialist Steve Culivan for a free hourlong webinar on Nov. 28, 2012.

Opportunity to Publish Student Climate Research

Students in grades 5-12 are encouraged to submit their research to be included in Harvard University's Journal of Emerging Investigators. A notice of intent is due Nov. 30, 2012.

NASA's REEL Science Communication Contest

NASA is looking for talented high school students to create videos that engage students in Earth science. Entries are due Feb. 15, 2013.

View more

Educators Search

Alphabetic Index

Featured Sites



Virtual Skies Explore the exciting worlds of aviation technology and air traffic management.

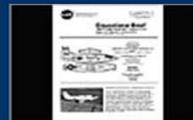


Mechanics of an Eclipse This video explains what causes a solar eclipse.



Hubble Gallery Explore the

Have You Seen ...



X-1 Paper Glider Kit This NASA educational brief, featuring the X-1, investigates the basics of flight with a paper model of the first supersonic aircraft.



Total Solar Eclipse -- Live From Australia A total solar eclipse will be visible in Australia on Nov. 14, 2012. Join this live webcast from Cairns, Australia!

Locate NASA Educational Resources



Use these educational video segments to inspire and engage students.

[View site](#)

Career Information



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Administrator for Education Integration a request that your organization assist NASA as widely as possible throughout the ed

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[View](#)



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11.13.12

Student Teams to Build and Fly Rockets With Onboard Payloads for NASA Rocketry Challenge

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NASA Television



Educator Resources



What Is CORE?
CORE serves as the worldwide distribution center for NASA-

Find Teaching Materials Tool

The screenshot shows the NASA Find Teaching Materials tool interface. At the top, there is a navigation bar with the NASA logo and links for HOME, NEWS, MISSIONS, MULTIMEDIA, ABOUT NASA, and COLLABORATE. Below this is a search bar with a 'Search' button. The main content area is titled 'Find Teaching Materials' and includes a search term input field and a list of filters. The filters are organized into three columns: Grade Levels, Type of Product, and Subject. The 'Grade Levels' column includes options like Grades K-4, 5-8, 9-12, Higher Education, and Informal Education. The 'Type of Product' column includes options like Bookmarks, Classroom Activities, Educator Guides, Lesson Plans, Lithographs, Play and Learn, Posters, Program Brochures, Video Learning Clips, and Web Sites. The 'Subject' column includes options like Careers, Earth Science, General Science, History, Life Science, Mathematics, Physical Science, Aeronautics, Aerospace, Chemistry, and Energy. A 'View' button is located at the bottom right of the filter area. A callout box labeled 'A- Z List of Publications' points to a link at the bottom left of the filter area. Another callout box labeled 'Type of Product' points to the 'Type of Product' column. A third callout box labeled 'Pull Down Lists' points to the subject list. A fourth callout box labeled 'Keyword Search' points to the search term input field. A fifth callout box labeled 'Grade Levels' points to the 'Grade Levels' column.

HOME NEWS MISSIONS MULTIMEDIA ABOUT NASA COLLABORATE

Log In To MyNASA | Sign Up

Search

Home > Education > For Educators > Find Teaching Materials

NASA Education

- About NASA Education
- For Educators
 - For Educators
 - Grades K-4
 - Grades 5-8
 - Grades 9-12
 - Higher Education
 - Education TV Schedule
- For Students
 - NASA Kids' Club

Find Teaching Materials

To narrow selections, check all boxes that apply. Click subject titles to expand options. Hit the view button.

Search Term:

Grades K-4 Bookmarks Careers

Grades 5-8 Classroom Activities Earth Science

Grades 9-12 Educator Guides General Science

Higher Education Lesson Plans History

Informal Education Lithographs Life Science

Play and Learn Mathematics

Posters Physical Science

Program Brochures Aeronautics

Video Learning Clips Aerospace

Web Sites Chemistry

Energy

> Browse A-Z List of Print Publications 300 Materials View

A- Z List of Publications

Type of Product

Pull Down Lists

Keyword Search

Grade Levels

Lesson plans and classroom activities for all grades

NASA Education

- ▶ About NASA Education
- ▼ For Educators
 - For Educators
 - Grades K-4
 - Grades 5-8
 - Grades 9-12
 - Higher Education
 - Informal Education
 - Find Teaching Materials**
 - Education TV Schedule
 - Current Opportunities
- ▶ For Students
- NASA Kids' Club

Educator Guide

Text Size + - Tweet 0 Like 17 +1 1 Pin it ★★★★★ ?

Magnetic Math Educator Guide

Audience: Educators
Grades: 6-12

This collection of mathematics-related problems pertaining to magnetism is the next logical step beyond what students explore in their middle school Earth science textbooks. The lab exercises prepare students to work the mathematics problems with a better understanding of magnetism. The variety of problems includes analyzing graphs, scientific notation, geometry and trigonometry. The problems call for students to apply mathematics and science concepts to understand magnetic fields and magnetism. Each one-page assignment includes background information. One-page answer keys accompany the assignments.

[Magnetic Math](#) [7MB PDF file]

More booklets in this series:

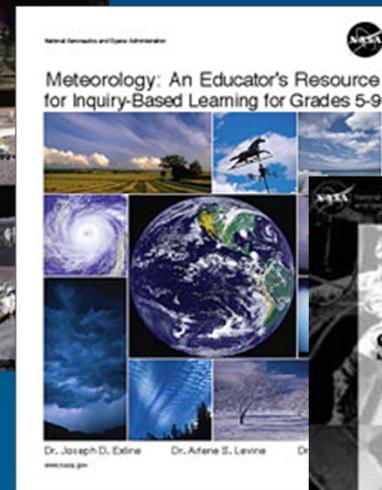
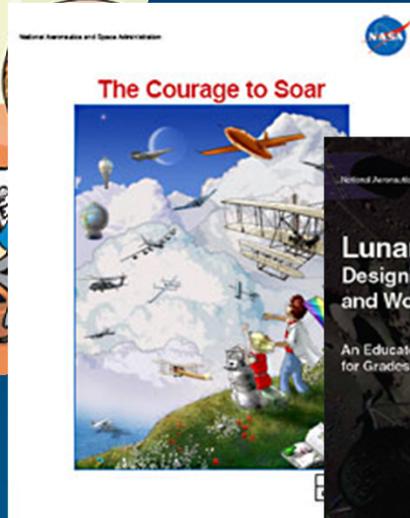
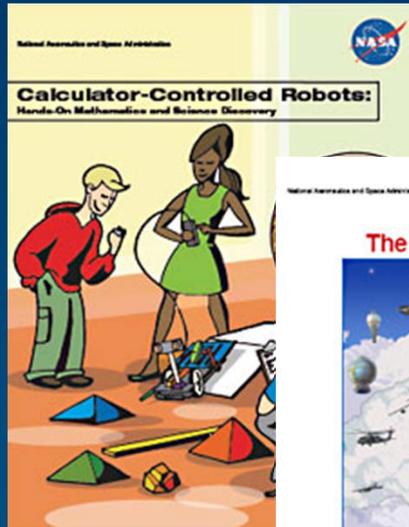
- Space Math I
- Space Math II
- Space Math III
- Space Math IV
- Space Math V
- Space Math VI
- Space Math VII
- Astrobiology Math
- Black Hole Math
- Earth Math
- Electromagnetic Math
- Image Scale Math
- Lunar Math

National Aeronautics and Space Administration

Magnetic Math

The information in this document was accurate as of the original publication date.

Educator Guides Grades K - 12



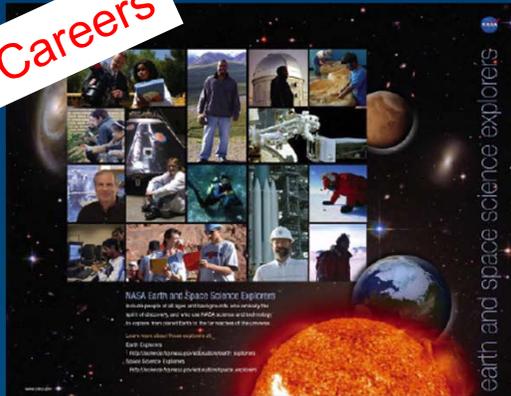
Lithographs



Lithos are NASA pictures with information on the back

NASA Education Posters

Careers



Saturn



International Space Station



Careers

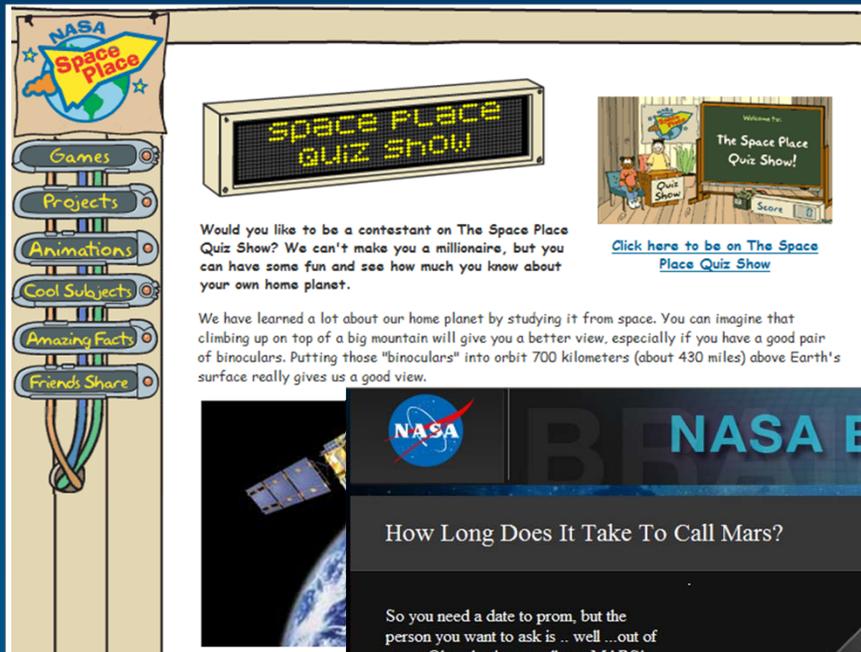


Universe

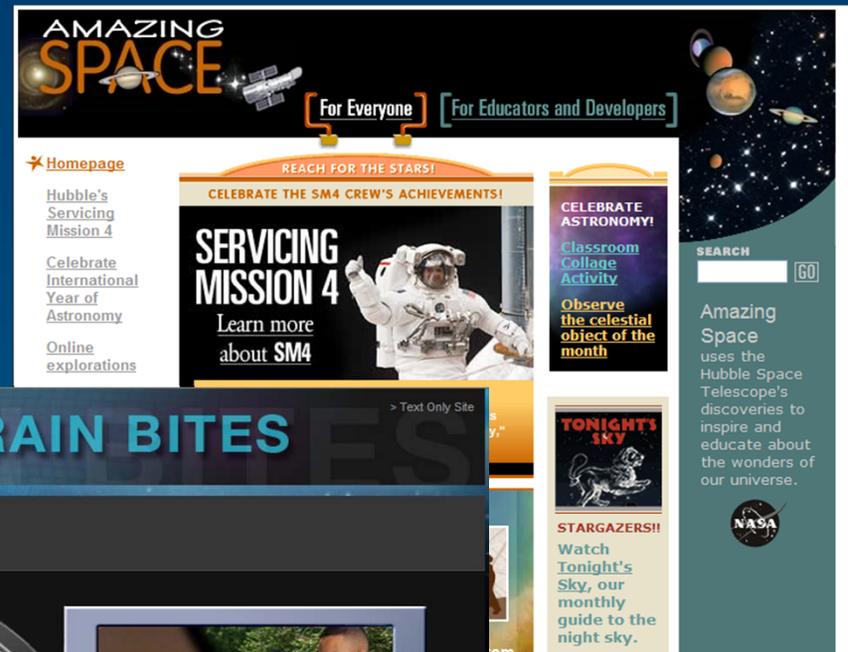


Activities are printed on the back of posters

NASA Web Sites



The screenshot shows the NASA Space Place website. On the left is a vertical navigation menu with buttons for Games, Projects, Animations, Cool Subjects, Amazing Facts, and Friends Share. The main content area features a digital sign that reads "SPACE PLACE QUIZ SHOW". Below the sign is a cartoon illustration of a quiz show host and a chalkboard that says "Welcome To The Space Place Quiz Show!". Text below the illustration asks if the user would like to be a contestant and provides a link to "Click here to be on The Space Place Quiz Show". A paragraph explains that the user can learn about Earth from space by imagining climbing a big mountain. Below the text is a small image of a satellite in orbit.



The screenshot shows the AMAZING SPACE website. The header features the text "AMAZING SPACE" and "For Everyone" and "For Educators and Developers". Below the header is a "Homepage" section with links to "Hubble's Servicing Mission 4", "Celebrate International Year of Astronomy", and "Online explorations". The main content area has a banner for "SERVICING MISSION 4" with the text "Learn more about SM4" and an image of an astronaut. To the right is a "CELEBRATE ASTRONOMY!" section with a "Classroom Collage Activity" and "Observe the celestial object of the month". Below that is a "TONIGHT'S SKY" section with the text "STARGAZERS!! Watch Tonight's Sky, our monthly guide to the night sky." and a small image of a dog. A search bar is located on the right side of the page.



The screenshot shows the NASA BRAIN BITES website. The header features the NASA logo and the text "NASA BRAIN BITES". Below the header is a section titled "How Long Does It Take To Call Mars?". The text below the title reads: "So you need a date to prom, but the person you want to ask is .. well ...out of town. Ok... they're actually on MARS! Your parents may not want the long distance charges on that one. Press the play button to see what'll happen when you call your date...who's out of this world!". Below the text is a small image of a girl and a boy talking on a mobile phone. To the right of the text is a large image of a remote control with buttons for "PLAY", "PAUSE", "CHANNEL", "DOWNLOAD", and "GO".

Educational content for all ages



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Higher Education

Higher Education

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NASA Kids' Club

Read About It



USRP Intern Finds Her Future

During her summer internship at NASA's Jet Propulsion Laboratory, Jean Weatherwax was motivated to consider a career in space technology.

> View →

01 02 03 ▶

>View Archive

Education Programs

NASA offers many programs for higher education throughout the year. See what is available now.

> View Programs Listing

Engineering Course



Space Systems Engineering >
Visit the Space Systems Engineering Web site to find materials designed for the three-credit-hour prerequisite to the senior-level capstone spacecraft/mission design course.

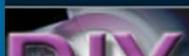
Online Student Application



Eligible students can access a portfolio of NASA internship, fellowship and scholarship opportunities through a single portal and a single application.

View site

Do-It-Yourself Podcasts



Create your own podcast with NASA

Have You Seen...



NASA Aeronautics Research Onboard

NASA is with you when you fly. See NASA innovations found on commercial, military and other aircraft.



Total Solar Eclipse -- Live From Australia >

Current Opportunities

2013 CanSat Competition >

Participants compete in a contest to design, build and launch a sensor payload called a CanSat. Applications are due Nov. 30, 2012.

2013 NASA Space Technology Research Fellowships

Current and prospective graduate students may apply for this opportunity to contribute to NASA's strategic space technology objectives. Applications are due Dec 1, 2012.

NASA Television





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NASA History



Visit NASA's History Division Web site.

> History

NASA Podcasts



Check out the podcasts available from NASA.

> Podcasts

About It



Museum in a Box

Great for engaging the public at museums, science centers and schools, the Museum in a Box series provides hands-on lessons with an aeronautics theme.

> View

01 02 03 ▶

>View Archive

Visitor Centers and NASA Exhibits



Visit NASA

The general public is welcome to visit and tour many NASA installations.



Bringing NASA to Your Community

NASA exhibits provide an opportunity for people to interact with NASA in a tangible way.

Museums and Planetariums



Museums and Planetariums Find many resources from NASA for museums and planetariums.

Youth and Community Activities



Youth and Community Activities NASA has many resources for those involved in activities with students, or with groups within the community.

Digital Learning Network



Digital Learning Network

The goal of the DLN is to deliver unique content by linking customers with one or more NASA Centers.

NASA Television

MyNASA



MyNASA

Dashboard for Students

NASA Education

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- For Students**
 - For Students
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 - Grades 5-8
 - Grades 9-12
 - Higher Education
 - Current Opportunities
 - NASA Kids' Club

Grade Levels

Education Image Galleries
View image galleries on a wide variety of NASA topics.
> Go now

Career Information
Students can use this page as a starting point to learn about jobs at NASA.
> View site

Online Student Application
Eligible students can access a portfolio of NASA internship, fellowship and scholarship opportunities through a single portal and a single application.
> View site

Is the Spotlight

Sector 33

Sector 33 -- Air Traffic Control Mobile Game
Download this app to guide airplanes through a sector of airspace by changing routes and speeds (available for iPad®, iPhone®, and iPod touch®).
> Read More

Special Announcement

NASA RECOMMENDS DISCONTINUATION OF STUDENT ROCKET ACTIVITY

Recently, an air pressurized paper rocket launcher being used by an educator failed. This launcher is described in NASA's Rockets Educator Guide, publications EG-2011-11-223-KSC, pp. 86-90 and EG-2008-05-060-KSC, pp. 86-90. NASA completed an engineering investigation into the failure and determined that the launcher, or design equivalents, should not be used. NASA has removed the launcher design from its website and its education curriculum. Individuals and organizations should immediately discontinue use of the launcher published in the referenced NASA publications. The point of contact for additional information is James Stofan, Deputy Associate Administrator for Education Integration at nasaedpartners@nasa.gov. We request that your organization assist NASA in disseminating this information as widely as possible throughout the education community.

Popular Content

- Most Viewed
- Top Rated
- Quick Links

Stories Images Videos Interactive

- Young Moon Sets Stage for Annual Leonids Meteor Shower
- 2012: Shadow of the Dark Rift
- NASA Great Observatories Find Candidate for Most Distant Object in the Universe to Date
- NASA Rover Providing

Education Programs

Education News

NASA Kids' Club



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For Students

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Play & Learn

Picture Dictionary

Homework Topics

Grades 5-8

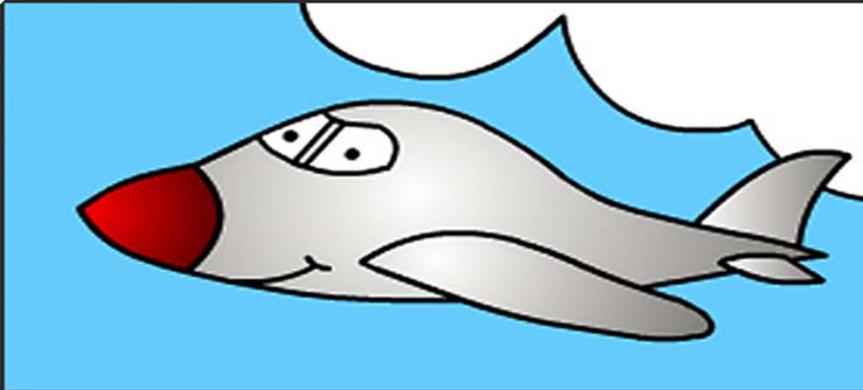
Grades 9-12

Higher Education

Current Opportunities

NASA Kids' Club

Stories



How Do Planes Fly? Storybook

Just what keeps that plane in the air?

> View

01 02 03 ▶

.More

Vote Now!

Astronauts have many hobbies. Which would do you like to do?

- Building things
- Skydiving
- Marathons
- Mountain climbing
- Inventing new things

Answer

Picture Dictionary



Check This Out!

The picture dictionary will help you learn about NASA.

Homework Topics



Have Homework About NASA?

Find answers to questions about NASA missions, vehicles, science topics and more!



Play and Learn



Join Nebula in the Clubhouse

Transport yourself up to the new room for kids on the NASA Kids' Club website.



Eclipse Facts

Learn more about solar eclipses!



Color NASA

Color pictures and read about the animals and

Find It Fast!



Search by Subject

This list of NASA topics can help with homework.



Sites Listed by Alphabet

Use this list to find NASA Web sites.



Search NASA

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NASA Kids' Club

Do-It-Yourself Podcast



Create your own podcast with NASA video and audio clips. > Go Now

In the Spotlight



Clara Ma
Naming Contest Winner

Clara Ma -- Naming Curiosity

In sixth grade, Clara won an essay contest to name the Curiosity rover. Almost four years later, she talks about her inspiration for the name.

> Watch the Video → | > Read Clara's Essay | > Audio Clips of Clara

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>View more

Vote Now!

Astronauts have many hobbies. Which would do you like to do?

- Building things
- Skydiving
- Marathons
- Mountain climbing
- Inventing new things

Answer

NASA Dictionary

Topics & Careers

Fun and Games



Air Force to the Rescue
The Reserve's 920th Rescue Wing was ready to help astronauts.



The Sun Song
Learn fun facts about our star in this tune.



Your Weight in Space
Learn your weight (in pounds and kilograms) on places in the solar system.

More

Find It Fast!

Stuff You Can Do



Opportunity to Publish Student Climate Research

Students in grades 5-12 are encouraged to submit their research to be included in Harvard University's Journal of Emerging Investigators. A notice of intent is due Nov. 30, 2012.



Name That Asteroid!

Students worldwide are invited to name an asteroid from which an upcoming NASA mission will return samples to Earth. Entries are due Dec. 2, 2012.



OPTIMUS PRIME Spinoff Video Contest

Participants must register for this video contest for students in grades 3-12 by Dec. 15, 2012.

Homework Topics



Have Homework About NASA?
Find answers to questions about NASA missions, vehicles, science topics and more!

Career Corner



Want to Work at NASA?
Find career information, and learn more about what people do at NASA.



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2012 FIRST Robotics



Find out how NASA is participating in the 2012 FIRST Robotics competition.

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NASA Podcasts



Check out the podcasts available from NASA.

> Podcasts

In the Spotlight



Total Solar Eclipse -- Live From Australia

A total solar eclipse will be visible in Australia on Nov. 14, 2012. Join this live webcast from Cairns, Australia!

> View

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>View more

Education Programs



NASA 9-12 Education Programs
NASA offers many education programs for students throughout the year. See what is available now.

NASA Students on Facebook



Join Now
NASA has a Facebook page specifically for high school and college students. Updates are posted daily featuring competitions, internships and more.

Current Opportunities



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OPTIMUS PRIME Spinoff Video Contest

Participants must register for this video contest for students in grades 3-12 by Dec. 15, 2012.



NASA's REEL Science Communication Contest

NASA is looking for talented high school students to create videos that engage students in Earth science. Entries are due Feb. 15, 2013.

Research Tools



Alphabetic Index
Use this alphabetic index to find resources within NASA.



MyNASA
Students 13 years and older may use MyNASA to help with homework and projects relating to NASA.

Video Features

Hubble: 20 Years of Discovery



Career Profiles



So You Want to Work for NASA...
This resource page provides information about some of the careers NASA has to offer and the opportunities available for students.

Interactive Features



Cassini-Huygens Mission to Saturn



The NASA Spaceuit



Higher Ed. Students

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Online Student Application



Eligible students can access a portfolio of NASA Internship, fellowship and scholarship opportunities through a single portal and a single application.

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Do-It-Yourself Podcasts



Create your own podcast with NASA. Video and audio clips.

Go now

Read About It



USRP Intern Takes a Stand and Delivers

Alabama engineering student Robert Talley spent 10 weeks at NASA's Stennis Space Center helping to set the stage for a nuclear thermal rocket program.

View

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View more

Current Opportunities



2013 CanSat Competition

Participants compete in a contest to design, build and launch a sensor payload called a CanSat. Applications are due Nov. 30, 2012.



2013 NASA Space Technology Research Fellowships

Current and prospective graduate students may apply for this opportunity to contribute to NASA's strategic space technology objectives. Applications are due Dec. 1, 2012.



2013 RASC-AL Robo-Ops Competition

Student teams must submit project plans for this engineering...

NASA Students on Facebook



Join Now

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Career Profiles



Want to Be an Intern With NASA?

This resource page provides links to information about the many opportunities available to students, along with information about a variety of NASA careers.

Education Programs

NASA offers many education programs for students throughout the year. See what is available now.

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Video Features

Hubble: 20 Years of Discovery



View This Video

Hubble Celebrates 20 Years

View More Videos

Images

Portrait of Global Aerosols



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Text Only Site

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kids' club

Mars FunZone



Asteroid Naming Contest



Elmo Visits NASA



Buzz Lightyear Returns From Space



For Parents & Teachers

Teach your kids & students safe surfing habits.

- > [Tips for Parents](#)
- > [Tips for Teachers](#)

Children's Protection Act

Learn about what you can do to protect your privacy online.

- > [Tips to protect your online identity](#)



› Text Only Site



Spacesuits & Spacewalks Resource Page for Education

[Click to Learn More](#) [main]

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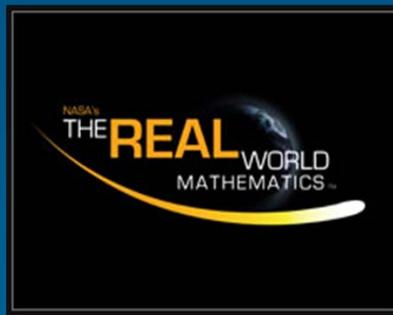
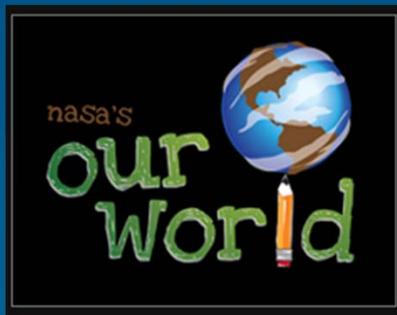
www.nasa.gov/education/spacesuits

NASA eClips

Short relevant educational video segments



- K-5: Our World
- 6-8: Real World Mathematics
- 9-12: NASA LAUNCHPAD
- General Public: NASA 360°



Dashboard for Office of Education

The screenshot shows the NASA Office of Education website dashboard. At the top, there is a navigation bar with the NASA logo, 'HOME', 'NEW', 'NASA's Office of Education' (highlighted in a red callout box), and 'ABOUT NASA'. Below the navigation bar is a search bar and a breadcrumb trail: 'NASA Home > Education > About NASA Education'. The main content area is divided into several sections:

- NASA Education**: A large banner image showing a lunar surface with rovers and a person in a red shirt.
- About NASA's Education Program**: A text block describing NASA's commitment to education and its goals for 2012 and beyond.
- Special Announcement**: A text block titled 'NASA RECOMMENDS DISCONTINUATION OF STUDENT ROCKET ACTIVITY'.
- Announcements**: A vertical list of three news items, each with a small image and a brief description.
- Left Sidebar**: Contains several utility sections: 'About NASA Education' (with sub-links like 'Education Leadership'), 'For Educators', 'For Students', 'NASA Kids' Club', 'Online Student Application' (with a 'ONE STOP SHOPPING INITIATIVE' graphic), 'EXPRESS E-mail Signup', and 'Comments and Questions'.

NASA's Office of Education

NASA Education

About NASA's Education Program

NASA's journeys into air and space have deepened humankind's understanding of the universe, advanced technology breakthroughs, enhanced air travel safety and security, and expanded the frontiers of scientific research. These accomplishments share a common genesis: education. As the United States begins the second century of flight, the Nation must maintain its commitment to excellence in science, technology, engineering and mathematics education to ensure that the next generation of Americans can accept the full measure of their roles and responsibilities in shaping the future. NASA will continue the Agency's tradition of investing in the Nation's education programs and supporting the country's educators who play a key role in preparing, inspiring, exciting, encouraging, and nurturing the young minds of today who will be the workforce of tomorrow.

In 2012 and beyond, NASA will continue to pursue three major education goals:

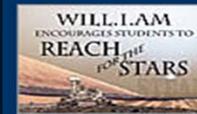
- Strengthening NASA and the Nation's future workforce
- Attracting and retaining students in science, technology, engineering and mathematics, or STEM, disciplines
- Engaging Americans in NASA's mission

Special Announcement

NASA RECOMMENDS DISCONTINUATION OF STUDENT ROCKET ACTIVITY

Recently, an air pressurized paper rocket launcher being used by an educator failed. This launcher is described in NASA's Rockets Educator Guide, publications EG-2011-11-223-KSC, pp. 86-90 and EG-2008-05-060-KSC, pp. 86-90. NASA completed an engineering investigation into the failure and

Announcements



Students Reach for the Stars with will.i.am

Musician will.i.am addresses

students during an event celebrating the first time in history a recorded song has been beamed back to Earth from Mars.



International Space Education Board

ISEB members offer educational

activities and programs for international participation.



NASA Expands Its Education Portfolio With Digital Badging

NASA's efforts to

promote interest in science, technology, engineering and mathematics education took a giant leap forward this week at a digital learning badges event.



NASA Partnership Announcement

NASA seeks unfunded collaborations with organizations

Questions?

www.nasa.gov

