


WORDCAMP US 2023


For All Userkind

NASA Web Modernization
and WordPress

National Aeronautics and
Space Administration



**NASA explores the unknown in air and space,
innovates for the benefit of humanity, and
inspires the**  **through discovery.**



Feb 7, 1999

"NASA is deeply committed to spreading the unique knowledge that flows from its aeronautics and space research..."

Read NASA Administrator Daniel S. Goldin's [welcome letter](#), [bio](#) and [speeches](#).

[Welcome to NASA Web](#)

The NASA Homepage

- [Welcome](#) - This is a good place to begin your journey you will need to get the most out of what we have to offer.
- [Today@NASA](#) - If you've read about NASA recent links to the Shuttle Web and the latest news releases.
- [NASA Organization](#) - A list of the offices at NASA.
- [Questions and Answers](#) - Have you ever wondered information about the U.S. space program.
- [NASA Centers](#) - Most of NASA's work is done at various centers.
- [Go To](#) - Links back to the NASA Organization, the Shuttle Web, and other NASA sites.
- [Gallery](#) - Video, audio clips and still images are featured here.
- [Aeronautics](#) - An overview of NASA's aeronautics research and development.
- [Space Science](#) - What lies beyond our home world.
- [Mission to Planet Earth](#) - Dedicated to understanding our planet.
- [Human Space Flight](#) - This Web provides links to research aboard the Shuttle and is planning experiments for future spaceflights.
- [Education](#) - If you're a student looking for information on space, visit our education page.

You can send us [comments or questions](#) about our Web site.

Author: Brian Dunbar
 Curator: Jim Gass
 Website Design: Stephen E. Chambers

Last update: May 9, 1997



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For Public | For Educators

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IRIS Offers First View of Mercury

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9.25.03 Holy Ozone
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Dragon and Exp. 35

NASA Images

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NEWS AND EVENTS FEATURES

10.03.03 - NASA Celebrates 35th Anniversary
 The webcast, scheduled for Oct. 3, will feature NASA training facilities in Houston, Texas.

10.03.03 - Coverage For Next NASA Television plans extensive coverage of the International Space Station.
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10.02.03 - Mission Assurance U.S. Department of Defense Mission Assurance information about safety and quality assurance.
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10.02.03 - Earth Crew Webcast Students, families and educators can watch educational webcasts on Tuesday, Oct. 2, 2003.
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10.02.03 - New Recruitment Plan NASA needs a new generation with science, technology, engineering and mathematics skills.
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10.01.03 - New Glass Unveiled The Space Research Update 10.01.03

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International Space Station | Journey to Mars | Earth | Technology | Aeronautics | Solar System and Beyond | History | Benefits to You

Welcome to the New NASA.gov!

Events

Wednesday, April 22: Google+ Hangout: 20th Anniversary of Earth Day, 10 a.m. EDT

On Earth Day, Show NASA There's #NoPlaceLikeHome

April 23-25: Hubble Space Telescope 25th Anniversary Events on NASA TV

ISS HDV: Live Views of Earth from the International Space Station

NASA Calendar

#NoPlaceLikeHome

Earth

On Earth Day, Show NASA How There's #NoPlaceLikeHome

Image of the Day

White Dwarf May Have Shredded Passing Planet

Celebrate with NASA: Hubble Space Telescope's 25th Anniversary

Space to Ground: Dragon Delivery: 4/17/2015

Dragon is Berthed to the International Space Station

Images

Image of the day nasaimages

IRIS First Light

Galaxies

Hubble Views a Young and Dynamic Elliptical Galaxy

Solar System and Beyond

Dawn Glimpses Ceres' North Pole

Mars

NASA's Curiosity Rover Making Tracks and Observations

Mercury (Planet)

NASA Spacecraft Achieves Unprecedented Success Studying Mercury

Tweets

Sam Cristoforetti @astrocristoforetti

That thin blue stripe that signals, in the darkness, that our Earth is here, missing with the pic.twitter.com/vaZuLg29a

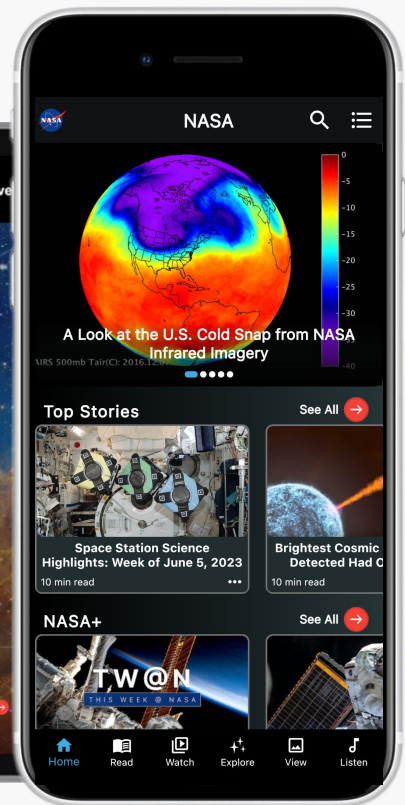
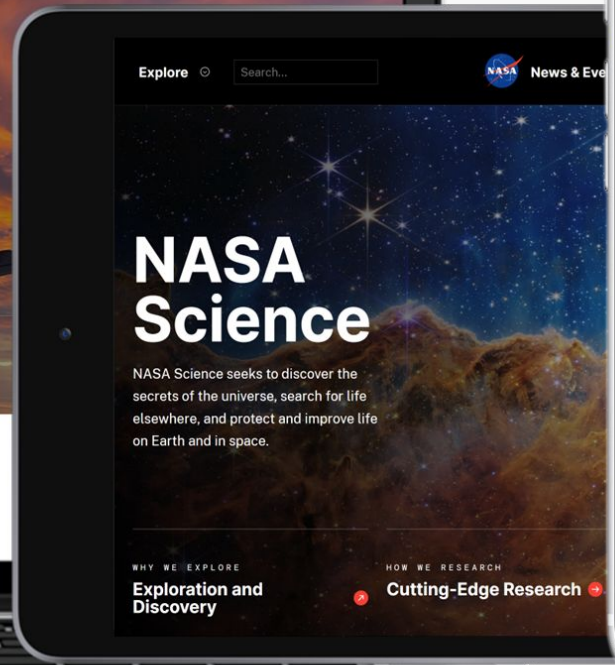
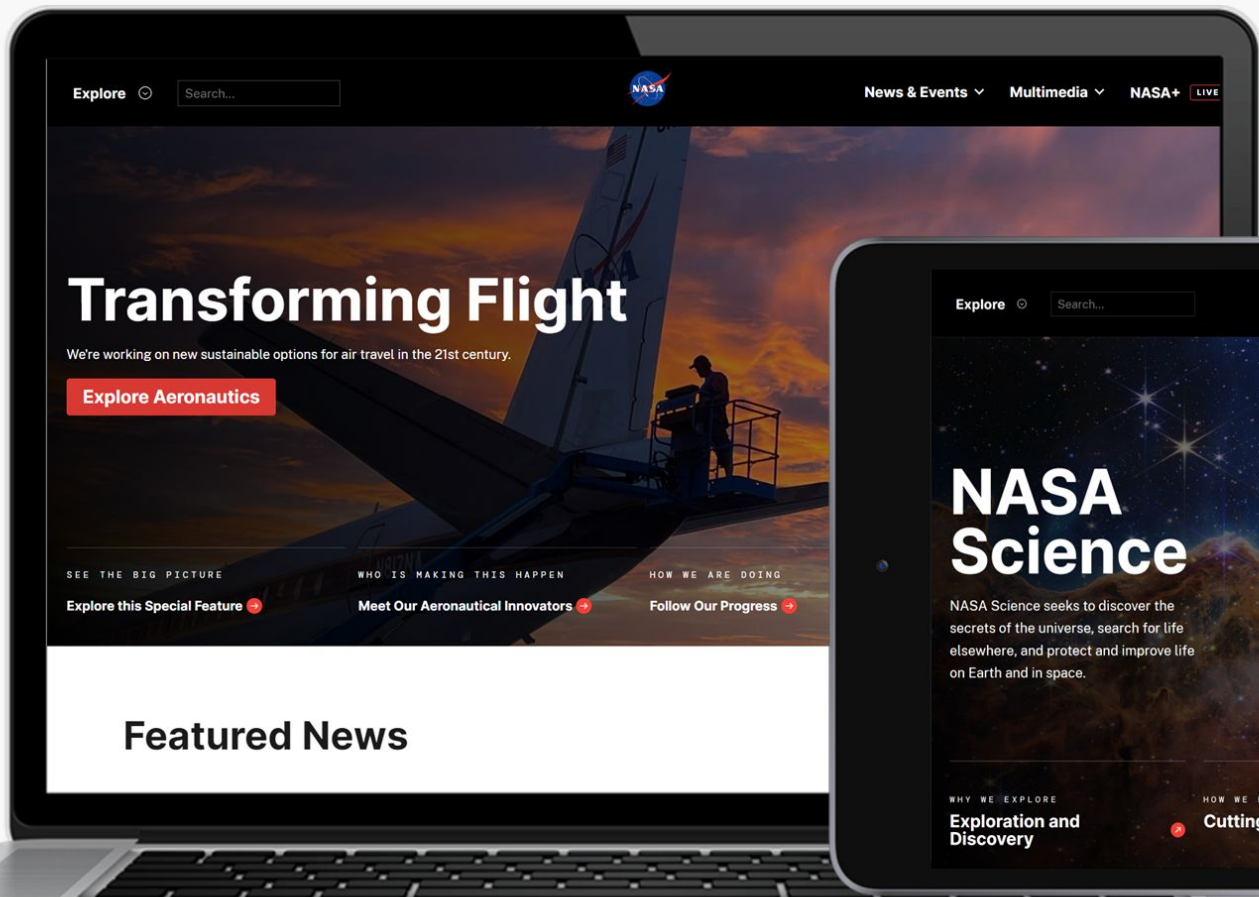
RT @NASA

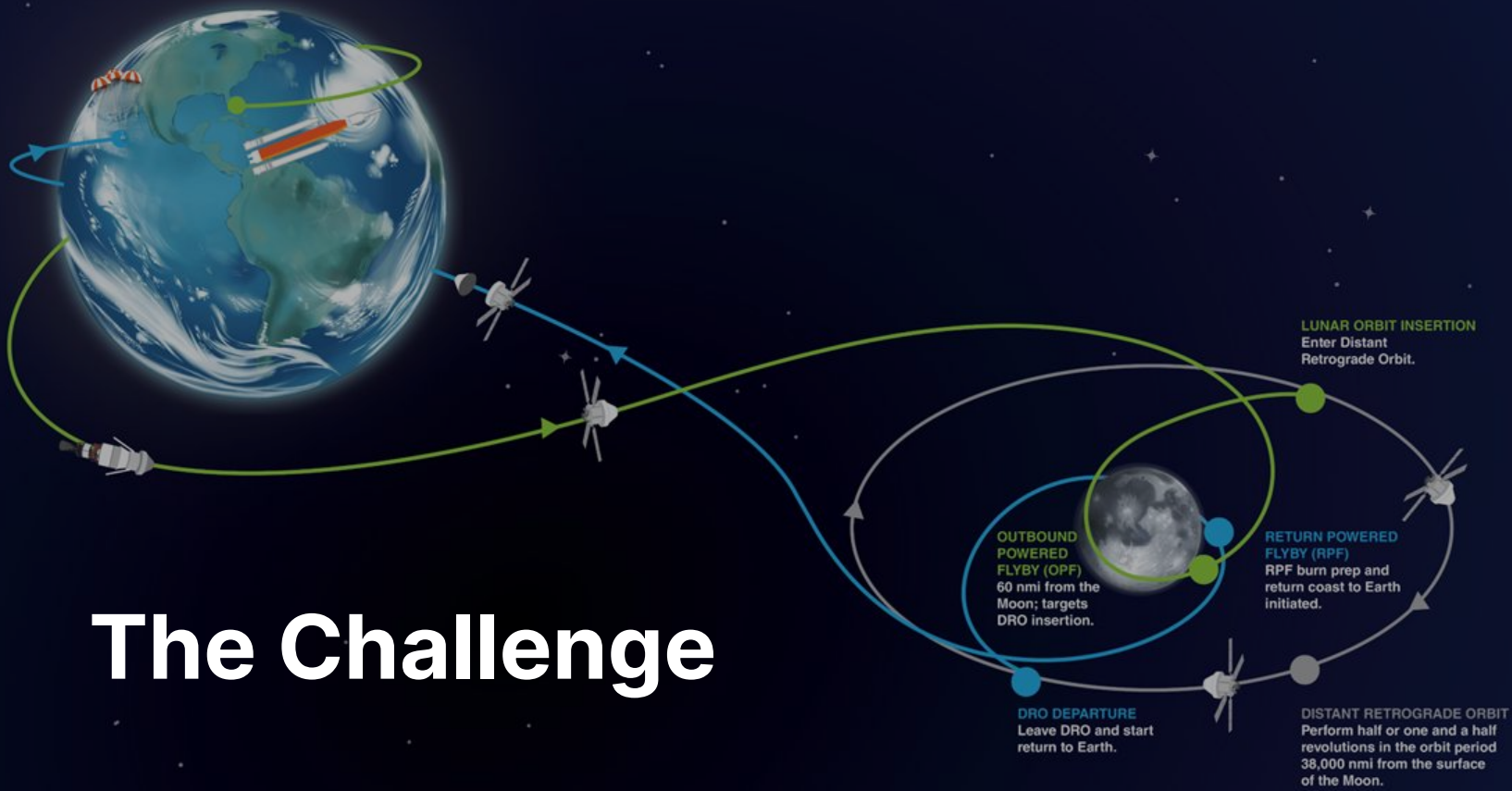
MORE STORIES

NASA National Aeronautics and Space Administration
 NASA Official: Brian Dunbar

No Fear Act | FOIA | Privacy | Contact NASA

Launching soon...





The Challenge

LUNAR ORBIT INSERTION
Enter Distant Retrograde Orbit.

OUTBOUND POWERED FLYBY (OPF)
60 nmi from the Moon; targets DRO insertion.

RETURN POWERED FLYBY (RPF)
RPF burn prep and return coast to Earth initiated.

DRO DEPARTURE
Leave DRO and start return to Earth.

DISTANT RETROGRADE ORBIT
Perform half or one and a half revolutions in the orbit period 38,000 nmi from the surface of the Moon.

One Hundred Fifteenth Congress
of the
United States of America

AT THE SECOND SESSION

*Begun and held at the City of Washington on Wednesday,
the third day of January, two thousand and eighteen*

An Act

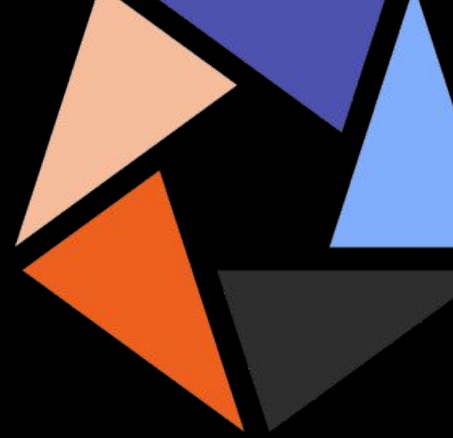
To improve executive agency digital services, and for other purposes.

*Be it enacted by the Senate and House of Representatives of
the United States of America in Congress assembled,*

SECTION 1. SHORT TITLE.

This Act may be cited as the “21st Century Integrated Digital Experience Act” or the “21st Century IDEA”.

One Hundred Fifteenth Congress of the United States of America



Public-facing websites and digital services should use the **U.S. Web Design System** and meet eight specific requirements:

- Accessible
- Consistent
- Authoritative
- Searchable
- Secure
- User-centered
- Customizable
- Mobile-friendly

SECTION 1. SHORT TITLE.

This Act may be cited as the “21st Century Integrated Digital Experience Act” or the “21st Century IDEA”.



 Founder and Editor Emeritus

 Eric M. Jones

 Edited by Ken Glasse



www.hq.nasa.gov/alsj/

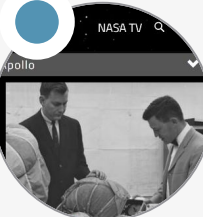


 Apollo 17 - Eugene Cernan working at the Rover.

 Image Credits: NASA/Glenn Schoetzl (assembled by Mike Constanter)

- Apollo Missions -

www.nasa.gov/specials/apollo50th/missions.html



 NASA TV

 apollo

www.nasa.gov/mission_pages/apollo/index.html

CURRENT STATE



Apollo Program (1963 - 1972)

 Anniversary of Apollo 11 - July, 1992

 Apollo program was designed to land humans on the Moon and bring them safely back to Earth. Sixteen missions (Apollos 11, 12, 14, 15, 16, and 17) achieved this goal. Apollos 7 and 9 were Earth-orbiting missions to test the Command and Lunar Modules, and did not return lunar data. Apollos 8 and 10 tested various components while orbiting the Moon, and returned photography of the lunar surface. Apollo 12 did not land on the Moon due to a malfunction, but also returned photographs. The six that landed on the Moon returned a wealth of data and almost 600 kilograms of lunar specimens including soil mechanics, seismic, heat flow, lunar ranging, and solar wind experiments.

nssdc.gsfc.nasa.gov/planetary/lunar/apollo.html

NASA Links About Apollo:

- All Apollo 7 - 10 NASA Entry Act by NASA
- Apollo 7: 50 NASA Entry Act by NASA
- Apollo 7: 50 NASA Entry Act by NASA
- The Apollo History and Legacy Foundation, moderated by NASA Chief Historian Dr. Steven J. Dick marked the 40th anniversary of the launch of Apollo 11 on July 16, 2009.
- Apollo 11 Orbital Audio Database with mp3 files ready for download.
- Apollo 50th Anniversary web site celebrates the many accomplishments of the Apollo Program.
- Apollo Program Overview of the Kennedy Space Center: A fine collection of materials relating to each Apollo mission.
- Apollo 11: A collection of Apollo photos by the Apollo Lunar Surface Journal.
- Apollo Lunar Surface Journal: An excellent site containing transcripts of all the conversations between Earth and the Moon while the astronauts were on the surface.
- Apollo 50th Year Project: A site commemorating the anniversary of the Apollo Soyuz Test Project and other significant Apollo agreements.

www.history.nasa.gov/apollo.html



Apollo Mission Overview

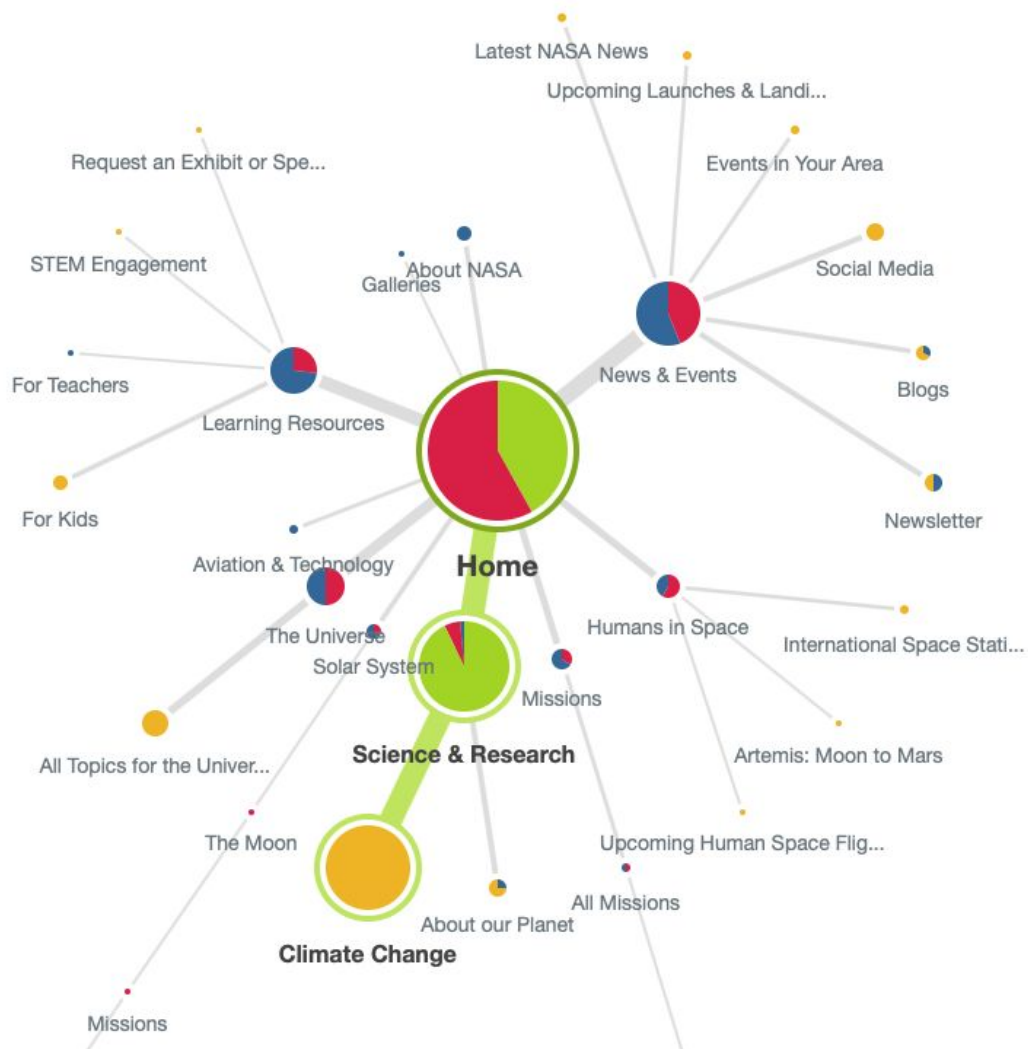
 "The Eagle has landed..." The primary objective of Apollo 11 was to complete a national goal set by...

 Read the Story

www.nasa.gov/apollo

FUTURE STATE

Single topic hub for Apollo





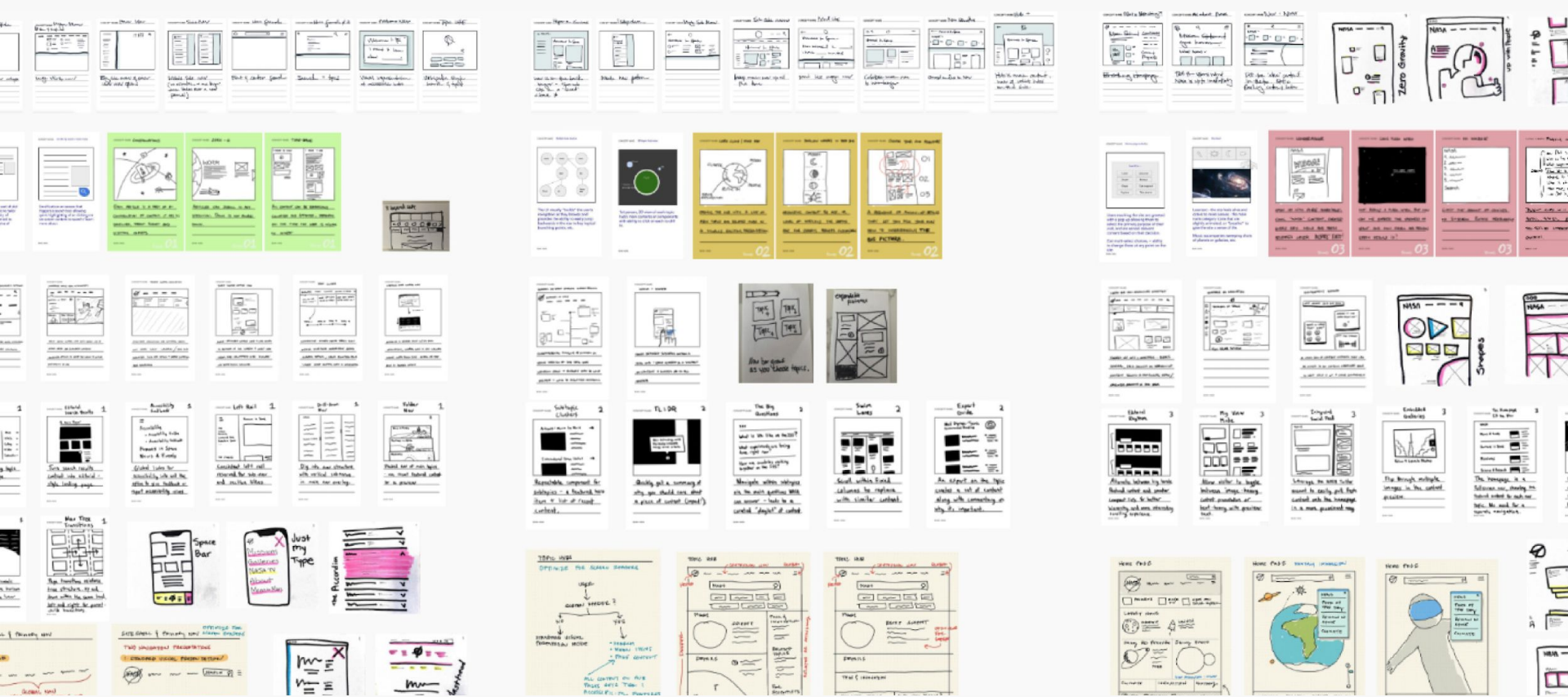
The Dream

“ The goal of our project is to provide a better user experience and make it easy for everyone to find the information they need.



DR. JIM GREEN

NASA's Former Chief Scientist; Founder of the Web Modernization Team



Discovery Experiences

Compounds

Timeline



Search Results



Earth Dashboard



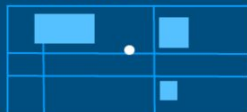
Exhibits



Solar System



Guided Tours



Presentation Templates

Molecules

Articles



Galleries



Asset Library

Atoms

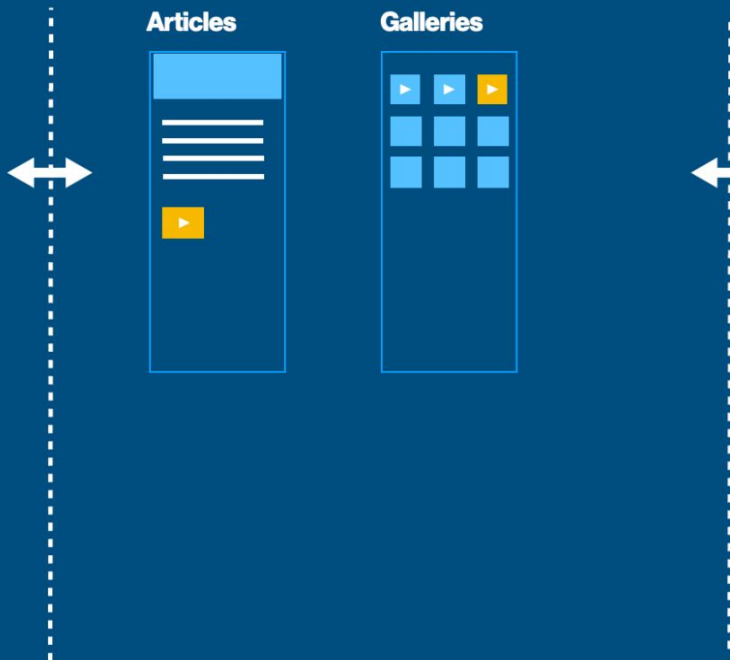
Videos



Text Blocks

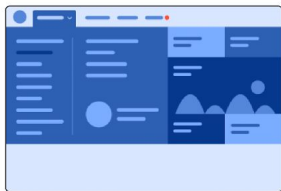


Charts





Navigation



MURPHY
BED



ROCKET
BOOSTER

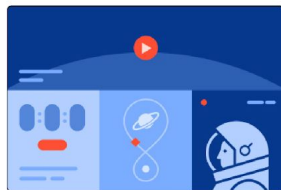


DOUBLE
DECKER

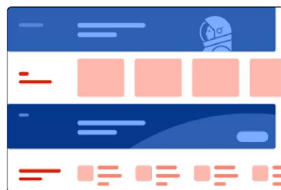
Homepage



NASA
MAGAZINE



MISSION
CONTROL

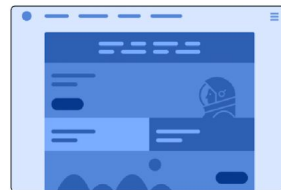


RHYTHM &
FLOW

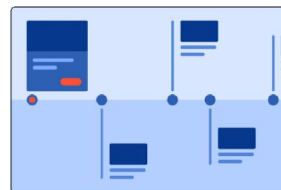
Topic Hub



NASA
MAGAZINE



HUB &
SPOKE



TIME AFTER
TIME



The Reality

**A design system is a
starting point, not a
finish line.**



Space Technology Mission Directorate

Technology drives exploration and the space economy. NASA's Space Technology Mission Directorate (STMD) aims to transform future missions while ensuring American leadership in aerospace. STMD develops, demonstrates, and transfers new space technologies that benefit NASA, commercial, and other government missions.

[Learn More About STMD](#)

Latest News

[More NASA News](#)



First Woman

Discover the First Woman digital universe. Read the graphic novels in English and Spanish, access educational tools and experiences, and learn about real space technologies for our missions to the Moon, Mars and beyond!

[Learn More](#)

Your Orbiting Laboratory

Over the more than 20 years of continuous habitation since the first crew stepped aboard, the International Space Station has evolved from an orbital outpost into a state-of-the-art scientific lab.

ONBOARD

68 Expedition **10** Crewmembers

BEST OF 2022 ISS Science Images

From deploying CubeSats to studying fluid dynamics in space, the orbiting lab expanded its legacy of science and discovery for the benefit of humanity. Look back at some of the best photos of breakthrough science the crew members conducted in 2022.

[Learn More](#)

AT THE STATION

See All →



Kate Rubins

Flight Engineer currently stationed in the ISS



Sergey Ryzhikov

Commander currently stationed in the ISS



Sergey Kud-Sverchkov

Flight Engineer currently stationed in the ISS



Michael Hopkins

Commander currently stationed in the ISS



The Mercury Seven

On October 7, 1958, shortly after NASA opened for business, it announced its first major undertaking, Project Mercury. The objectives were threefold: to place a human spacecraft into orbital flight around Earth, observe human performance in such conditions, and recover the human and the spacecraft safely. In January 1959, the committee received and screened 508 service records of a group of talented test pilots, of which seven were ultimately chosen.

Learn More →

THE MERCURY SEVEN



M. Scott Carpenter
Mercury-Atlas 7 astronaut



L. Gordon Cooper
Mercury-Atlas 9 and Gemini V astronaut



John H. Glenn
Mercury-Atlas 6 and STS-95 astronaut



Virgil I. "Gus" Grissom
Mercury-Redstone 4, Gemini III and Apollo 1 astronaut



FREQUENTLY ASKED QUESTIONS



Are Internships Paid?

The majority of interns receive a stipend award, but there are some volunteer opportunities noted in project descriptions.



Is housing my responsibility if I receive an internship?

Interns are responsible for making their own housing arrangements. This includes locating their own housing options and paying for their housing. Centers may be able to offer minimal assistance by providing a list of local available housing and/or establishing a private social media group for interns to utilize for relocation planning purposes.



Is a Letter of Recommendation required?

The Office of STEM Engagement does not require a letter of recommendation.



More Frequently Asked Questions →

Will I need a car?
Your center location and housing options will determine if you need a car. At most centers, unless you find housing within walking distance, you will most likely need a car. However, there are simple public transportation options at some centers.



GET SOCIAL WITH NASA STEM ENGAGEMENT



NASA STEM YouTube



NASA STEM Flip



NASA STEM Pinterest

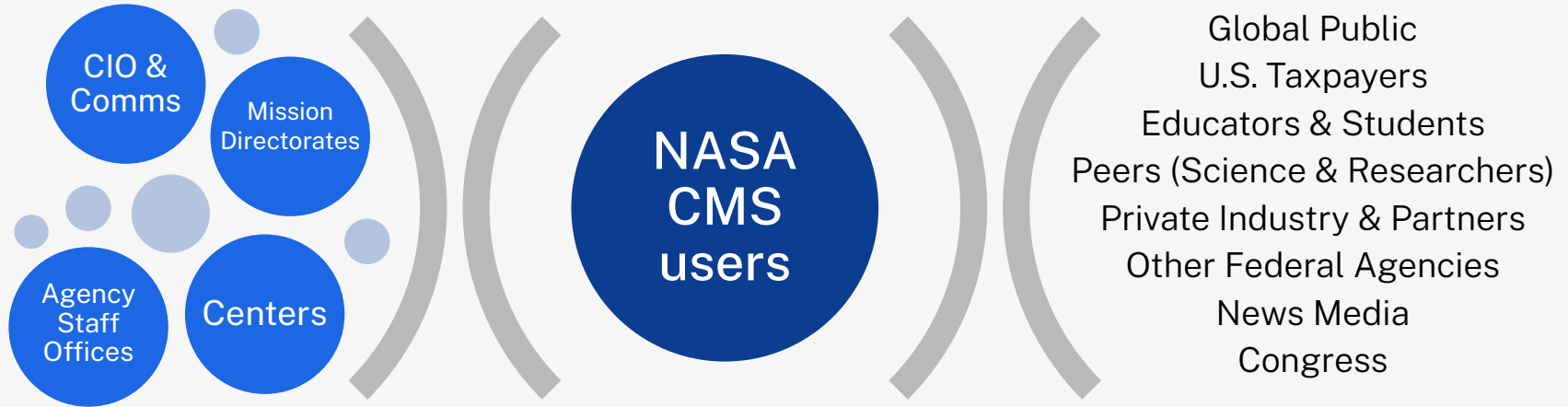


NASA STEM Twitter



**It's easy to change a
CMS, but hard to
change how we do
web together.**

Managing Editors & Center Editors



440

users onboarded to new CMS

3,023

new landing pages created

68,006

pages migrated from old CMS



The Takeaway

**Build with your users,
not for them.**

Why On is Space ▾ Astronauts ▾ Commercial Space ▾ Human Missions ▾ Spacecraft and Vehicles ▾ Destinations ▾ News and Events ▾ Multimedia

Humans in Space

Why We Go To Space Destinations

Why We Go To Space

Human space exploration helps to address fundamental

Explore Search NASA Galleries

People of NASA

NASA is more than astronauts. We're scientists, engineers, IT specialists, human resource specialists, accountants, writers, photographers, and many other kinds of people working together to break barriers to achieve the seemingly impossible.

1958

18K Professionals 20 Centers and Facilities

MEET OURS

- Dana Bolles, Global Integration Technology Lead
- Dewanya Washington, Senior Communications Manager
- Jeremy Schettman, Business Development
- Irma Rodriguez, Program Specialist

See All

Explore Search NASA Galleries

Drones and You

NASA's vision for Advanced Air Mobility (AAM) Mission is to help emerging aviation markets to safely develop an air transportation system that moves people and cargo between places previously not served or underserved by aviation - local, intraregional, urban - using revolutionary new aircraft that are only just now becoming possible.

TO DAY

4TB Amount of Earth Science Data Archived Every Day

50+ Years of planetary science mission data

Research and Databases

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Overview News ▾ Benefits for Humanity ▾ Opportunities ▾ Research Results ▾ Commercial Space ▾ Resources ▾ Media Contacts

Benefits for Humanity

The International Space Station is an unprecedented achievement in global human endeavors to conceive, plan, build, operate, and utilize a research platform in space. With assembly of station at completion, continuity of visiting vehicles, and support of a full-time crew of six, the era of utilization for research advances.

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NASA Directorates

The National Aeronautics and Space Administration is broken down into five Mission Directorates: Aeronautics, Exploration Systems, Science, Space Operations and Space Technology.

Aeronautics Exploration Systems Science Space Operations Space Technology

Aeronautics

For more than a century, NASA and its predecessor organization have been the global leader in aviation

Explore Search NASA Galleries

Science & Research

NASA scientists, researchers and technicians conduct groundbreaking work to answer some of the most profound questions facing humanity.

TO DAY

4TB Amount of Earth Science Data Archived Every Day

50+ Years of planetary science mission data

Research and Databases

FIELDS OF STUDY

- Human Space Travel Research
- Earth Science: Your planet is changing. We're helping. Right efficiency.
- Aeronautics Research
- Planetary Science: The exploration and discovery

One last thing.

**Teamwork makes
the dream work.**



“

I've never been involved in anything that has required as great an amount of coordination and team work.



GENE CERNAN

NASA Astronaut, Apollo 10
Pre-Launch News Conference
April 26, 1969



And many, many more.



Thank you. All of you.

Questions?

The background of the slide features two fighter jets flying from the bottom right towards the top left. They are set against a dynamic background of curved, glowing lines in shades of orange, red, and yellow, suggesting speed and energy.

Join Team NASA at our breakout session
in the Annapolis Room at 10:15 a.m.