



National Aeronautics and
Space Administration

Introduction to NASA: 4-H Military Partnership

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NASA 101



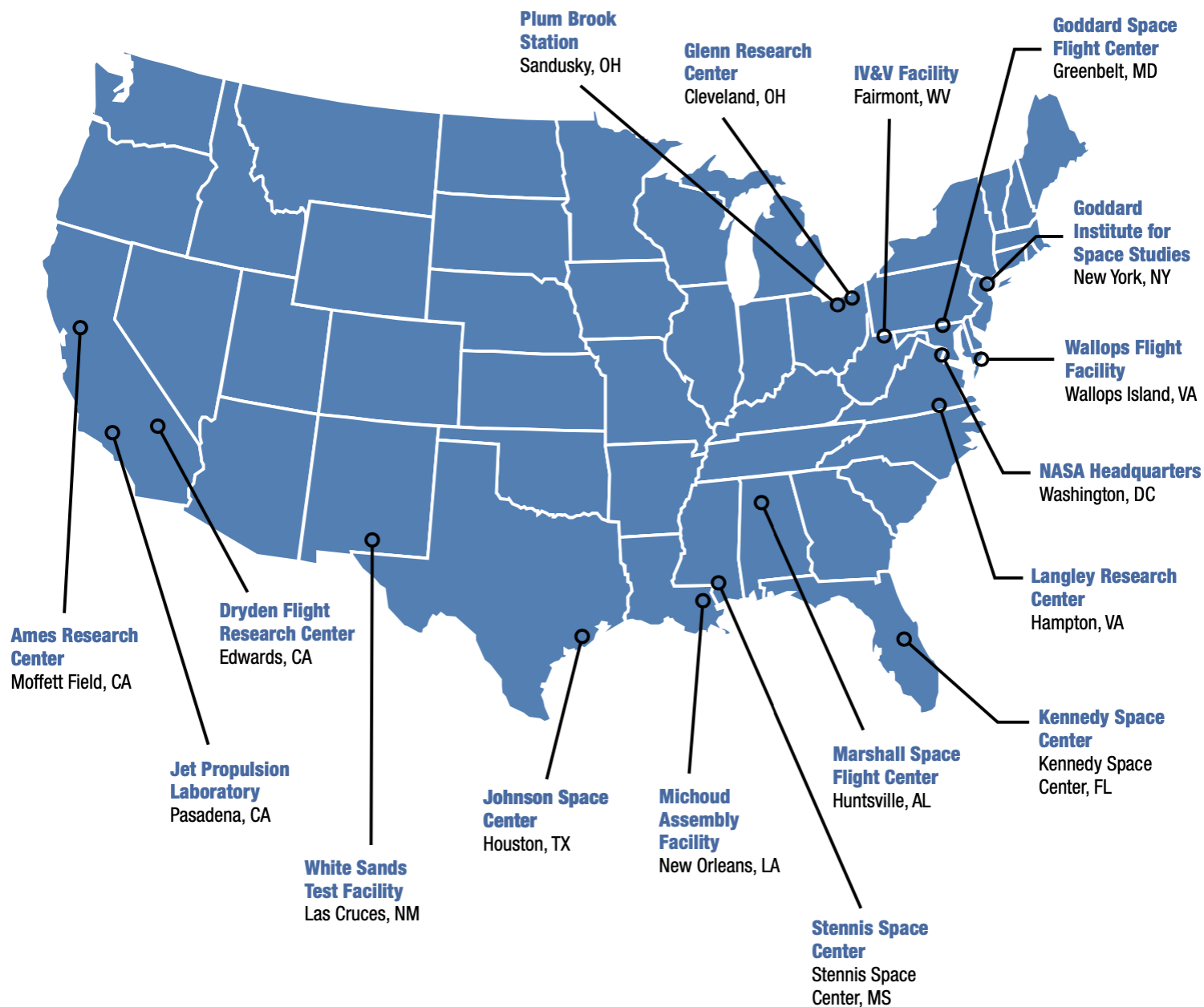
Exploring the secrets of the universe for the benefit of all.

National Aeronautics and Space Administration's
Vision Statement

Earth Day 2024 Poster:
Water Touches Everything



NASA Centers





We Are NASA

Accountants

Artists

Astronauts

Doctors

Engineers

IT Specialists

Human Resource Specialists

Photographers

Scientists

Writers

NASA Mission Directorates



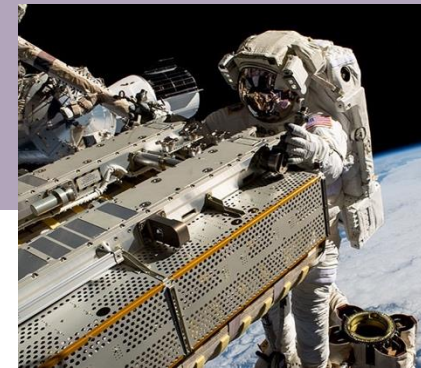
Aeronautics
Research



Explorations
Systems
Development



Science



Space
Operations



Space
Technology

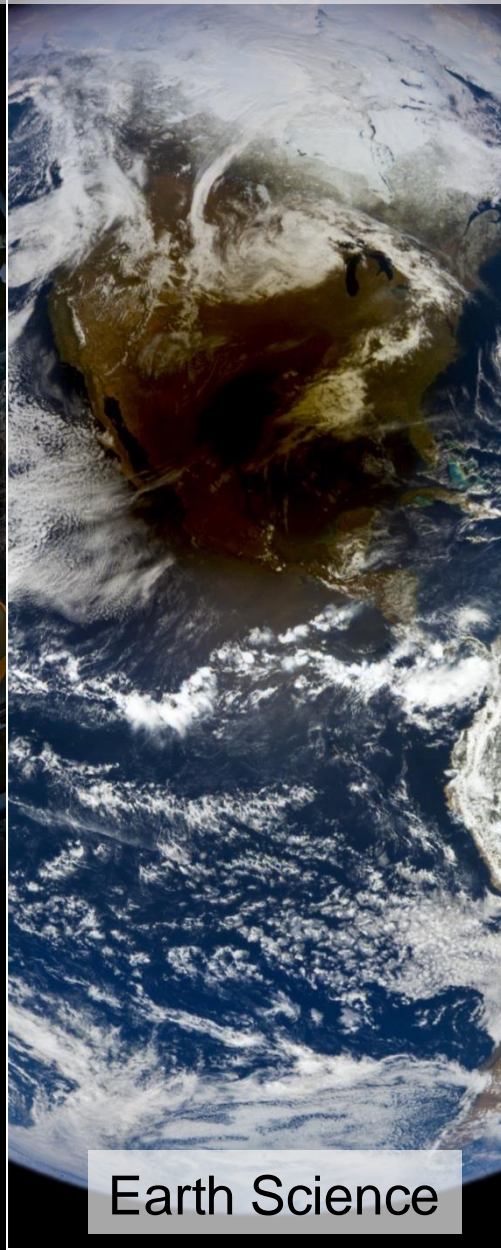
Science Mission Directorate Divisions



Astrophysics



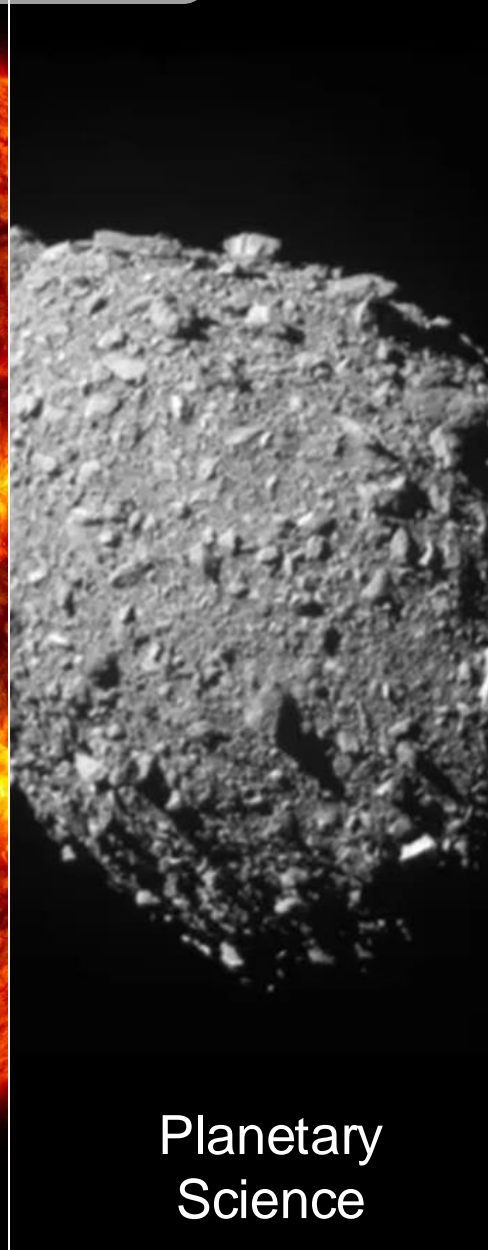
Biological and
Physical
Sciences



Earth Science



Heliophysics



Planetary
Science

Relevant Resources



NASA Resources for DoD

An official Defense Department website See our network of support for the military community

**MILITARY
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MILLIFE GUIDES

From Earth to Space: NASA Science for Everyone

IN THIS MILLIFE GUIDE

- [Overview](#)
- [Choose a project and do NASA Science](#)
- [Resources for formal and informal](#)

Overview

NASA Science offers a wide array of educational opportunities for both formal and informal learning. Service members and their families, including students of all ages, can engage. These free resources include interactive websites, hands-on activities, workshops and competitions. NASA Science aims to inspire curiosity and cultivate interest in STEM fields, helping to develop the next generation of

<https://www.militaryonesource.mil/resources/millife-guides/from-earth-to-space-nasa-science-for-everyone/>

Citizen Science

Through these projects, sometimes called "citizen science" or "participatory science" projects (<https://science.nasa.gov/citizen-science/>), volunteers and amateurs have helped make thousands of important scientific discoveries. These 31 projects are open to everyone around the world (no citizenship required).



The International Astronomical Search Collaboration (IASC) provides high-quality astronomical data to citizen scientists around the world. These citizen scientists are able to make original astronomical discoveries and participate in hands-on astronomy. Asteroid Search Campaigns are the primary focus of IASC.



Observations help monitor the conditions of clouds, water (especially as a habitat for mosquitoes), plants (trees and other land cover), and see change over time and can be used to help interpret NASA and other satellite data.

NASA Space Place

Find activities about the Earth, sun, solar system, the universe, as well as science and technology.

Includes: Games, Crafts, Activities, Media

Art Challenge: Each month a new challenge asks younger children to draw their response to a different space-related situation and send it to NASA, which selects a few to be highlighted online.

NASA Science
Space Place
Explore Earth and Space!

Vea en Español Search

Earth Sun Solar System Universe Science and Tech Educators

Make a Colorful Crayon Europa!

What Is an Aurora?

Europa: Jupiter's Ocean World

Skywatching Tips!
What's up in the night sky this month? [Check out a summary and skywatching tips from NASA!](#)

Play DSN Uplink-Downlink!
Uplink and downlink data with NASA spacecraft in this game!
Click here to play!

What Are the Different Types of Full Moons?

<https://spaceplace.nasa.gov/>



Earth Observation Camp Experience

This e-book is designed for students in grades 3-5 and aims to introduce them to the fascinating world of Earth observation, Earth science processes and the intricate connection between our planet and the sun.

<https://www.nasa.gov/wp-content/uploads/2023/07/earth-observation-camp-508.pdf>



The NASA's Universe of Learning team connects the public to the data, discoveries, and experts that span NASA's Astrophysics missions. They provide a range of ready-to-go programming to add to informal educators' events and activities – and connect learners to scientists and engineers who actively support NASA's Astrophysics missions.

Examples: Informal educator guides, request an expert, science resources, planetarium assets

<https://www.universe-of-learning.org/>



Skywatching

Main page: <https://science.nasa.gov/skywatching/>

- Night Sky Network – astronomy clubs (<https://science.nasa.gov/skywatching/night-sky-network/>)
- What's Up – monthly skywatching video series (<https://science.nasa.gov/skywatching/whats-up/>)
- Daily guide for watching the sky (<https://science.nasa.gov/skywatching/nasa-daily-skywatching-guide/>)

AstroCamp Community Partners (ACCP)



<https://www.nasa.gov/stennis/stem-engagement-at-stennis/nasa-accp/>

NASA ACCP consists of student-centered, standards-based STEAM activities that utilize NASA resources to give educators, leaders, and facilitators everything they need for engaging, high-quality STEM learning experiences for all students.

Eligible Organizations: Youth Service Organizations, Schools, Universities, Museums, or Libraries, who serve students grades K-12

NASA ACCP Education Specialists will provide:

- ACCP digital facilitators guides
- Training for facilitators/educators
- Activity supply list
- NASA online resources
- Printable materials
- Online support by NASA ACCP Education Team

**In-depth
briefing
can be
scheduled**