

I linked the resources to what they can help with. So, when I am teaching, I can look back to see what resource I can click on to help.

Real-Time Exploration & Interactive Tools

1. NASA's Eyes (Grades 4-12)

Real-time 3D visualization of planets, spacecraft, asteroids, climate, and exoplanets

science.nasa.gov/eyes

11. NASA Worldview (Grades 6-12)

Real-time satellite imagery of Earth

worldview.earthdata.nasa.gov

8. NASA Science Activation (K-12)

Web-based interactive science experiences like Solar System Explorer

science.nasa.gov/learn/lessons-and-activities

Elementary to Middle School Engagement

2. NASA Space Place (Grades K-8)

Games, crafts, projects, and puzzles for younger learners

spaceplace.nasa.gov

6. Sally Ride EarthKAM (Grades 6-8)

Request photos of Earth from ISS cameras

earthkam.org

Data Analysis & Science Investigation

4. My NASA Data (Grades 3-12)

Real satellite data and visualizations for climate and Earth system science

mynasadata.larc.nasa.gov

5. GLOBE Observer App (K-12)

Citizen science through environmental observations (clouds, land, water)
observer.globe.gov

Classroom Curriculum & Lesson Planning

3. JPL Education (K-12)

Standards-aligned STEM lessons using NASA mission data
jpl.nasa.gov/edu/teach

10. NASA Aeronautics K-12 (K-12)

Aviation-related STEM activities, flight design, and air traffic control simulations

nasa.gov/directorates/armd/k-12-educator-resources

12. NASA STEM Content Search (K-12)

Searchable database of videos, guides, lesson plans

nasa.gov/learning-resources/search

Student Programs & Challenges

NASA Student Challenges

Hands-on competitions in engineering, rocketry, app design, and more

nasa.gov/learning-resources/nasa-stem-opportunities-activities

Growing Beyond Earth (Grades 6-12)

Research growing plants in space through classroom experiments

fairchildgarden.org/science-and-education/science/gbe

Educator Professional Development

7. NASA CONNECTS

Educator community for networking and sharing resources

[Join here](#)

9. NASA SPARX

Professional development with standards-aligned STEM activities

[SPARX Overview](#)

NASA Educator Professional Development (EPD)

Workshops, webinars, and virtual events

[EPD Info](#)

Space Academy for Educators

Week-long immersive training at U.S. Space & Rocket Center

rocketcenter.com/SpaceCamp/Educators

JPL Education Workshops

STEM and space science-focused PD for educators

jpl.nasa.gov/edu/teach/workshops