

dreamUp

**Bringing space to your
classroom, and your
classroom to space.**

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DreamUp proprietary



We've enabled 85,000 students to research in space.



Offering Space Services

DreamUp provides space-based educational and media services to students and entrepreneurs.



Launching Payloads

375+ to date.



Building a Community

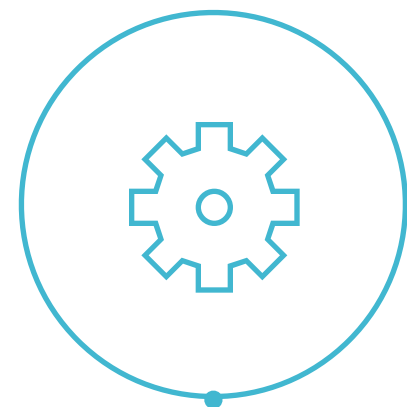
Bringing student researchers together.



Enhancing Classrooms

Providing educators with engaging STEM projects, professional development and opportunities to change the way students see the universe.

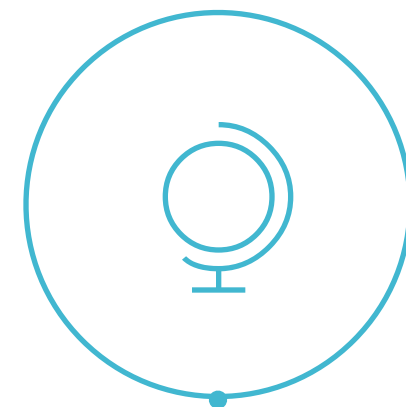
Initial Offerings for Students (K-16) — Payloads and Contests



Launch your dreams.

Payloads

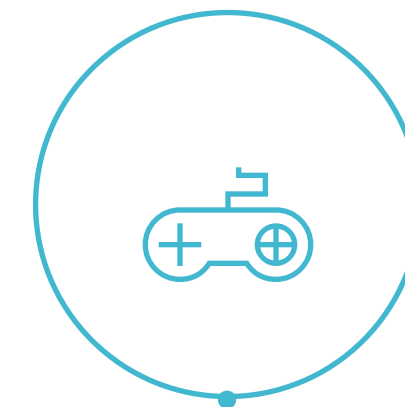
We work with students in K-16 to develop research experiments to explore the effects of microgravity for the betterment of humanity. DreamUp has launched over 375 student payloads via launch partner NanoRacks LLC.



To the stars and beyond.

International Space Station

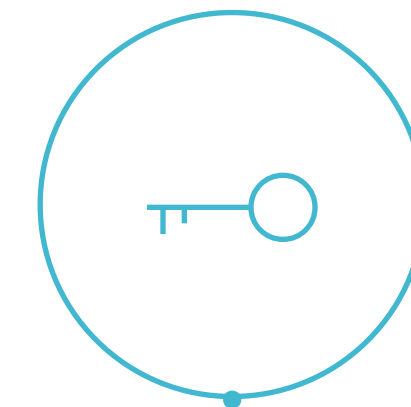
Our students' research has been on the ISS for nearly 7 years. Students have grown plants in space, researched worm behaviors and examined the interactions of chemicals in microgravity. We can design custom curriculum for educators focused on space-based educational opportunities.



The next generation.

Blue Origin

In 2017, DreamUp began partnering with Blue Origin to fly student payloads in suborbital space on Blue Origin's *New Shepard* space vehicle. We develop multi-disciplinary programs for regular flights of students' payloads where they'll experience 3-5 minutes of microgravity and experience all aspects of STEM (and STEAM)!



For Every Classroom.

DreamUp Challenge

We design contests, inviting students to submit a payload design, with winners, selected by our team of technical experts, launching their experiment into microgravity. Contest can be run locally or scale nationally, allowing students to use their imagination to solve real-world problems.

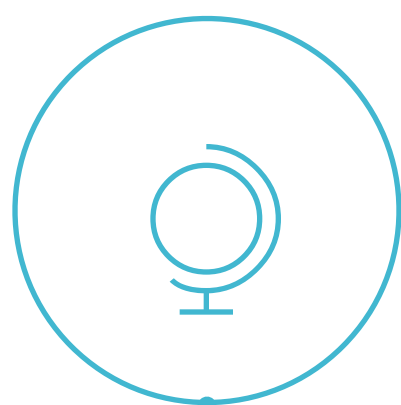
Products and Services - In progress and coming soon



The Experience of a Lifetime.

myLAUNCH

We bring students to rocket launches, allowing them to experience the magic of watching their research leave the planet. DreamUp offers a stellar experience including launch viewing, professional development events, and more.



Reach for the stars from your home!

Space-in-a-Box Kits

DreamUp is partnering with sponsors to create kits for students to use in their home or classroom, allowing them to conduct science experiments that duplicate those done by astronauts on the ISS.



Show the world what students can do!

DreamCoder

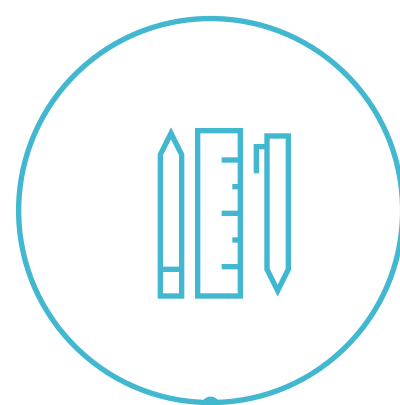
We will soon provide the opportunity for any US classroom to write and send code directly to the ISS. Their experiment will be conducted and results returned to them for analysis. DreamCoder is not just software development but rather a comprehensive platform for first-time engineers.



History in the making.

DreamSat

DreamUp is exploring a partnership with renowned cubesat inventor Bob Twiggs to develop lower-cost cubesat opportunities for middle and high school students.



The sky is not the limit.

Infinity and beyond

DreamUp is uniquely positioned to take advantage of all upcoming flight options including new space vehicles. We are also looking to commercial space station opportunities as they become available. Finally, we are enabling educators with customized, project-based professional development that translates directly to classrooms.

Educational Payloads: International Space Station and Blue Origin's *New Shepard*



DreamUp is able to offer unique launch opportunities for student research via our launch services provider, NanoRacks LLC, and their NASA Space Act Agreement. In total, DreamUp has been able to launch over 375 student payloads to space via our partnership with NanoRacks. We look forward to continuing to grow our STEM program and making access to space something that is available to every student around the world.

Our Most Popular Student Platforms

MixStix

Fluid Mixture Enclosures for Materials, Biology, Plant Science and More.

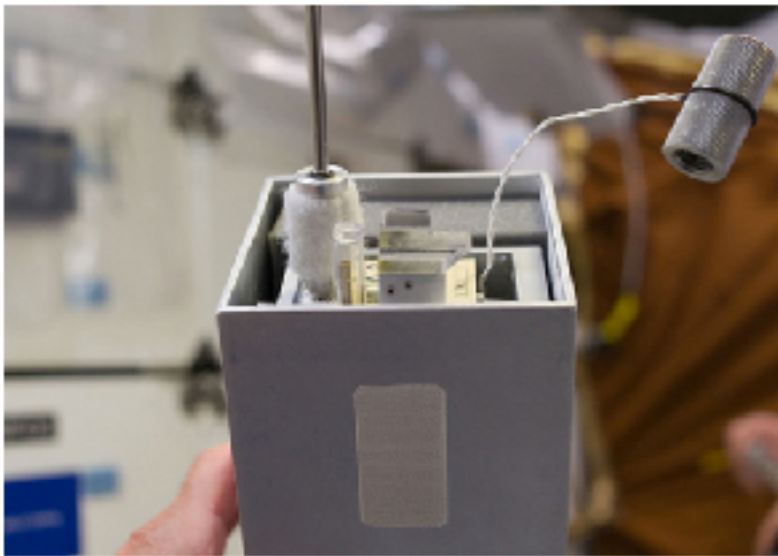
Starting Price: \$15,000



NanoLab

Plant Growth Chambers, Physical Sciences, Sensors & Cameras. Power & Data.

Starting Price: \$35,000



Cubesat Deployer

Earth Observation, Tech-Demonstrations, Radios & Sensors.

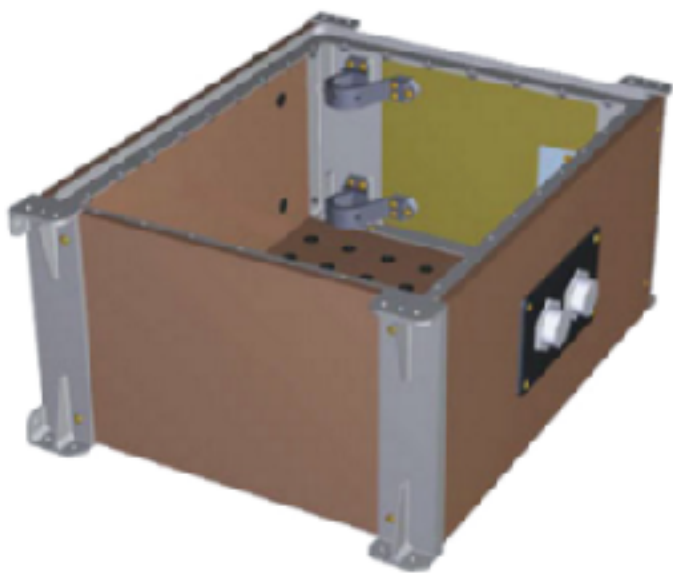
[Click Here: CubeSats for Students](#)



Blue Origin Payload Locker

Microgravity sciences, space life sciences, Earth sciences, land use, and space systems development.

Single Payload Container



DreamUp Collaboration with Space Grant



DreamUp seeks partnerships to build STEM programs with all 52 Space Grant consortia to serve as a model for the rest of the nation and the world.

Among the opportunities we'd like to jointly create:

- Design impactful engineering program/contest with DreamCoder, allowing students in all 52 consortia to share, analyze, amplify and send code to space.
- Ensure professional development opportunities for educators to inspire and empower them and remove “myth” of space as a classroom challenge.
- Engage students through design challenges, on state-by-state, regional or national level.
- Coordinate DreamUp opportunities, like internships, to be part of the OSSI portal
- Other ideas from Space Grant members to increase the impact of existing and future programs.



Our Impact

Providing an opportunity for students and teachers to excel



Build A Payload

This kind of experience can't be taught in a textbook.



Get Alumni Support

A network to support your endeavors throughout your academic journey.



See a rocket launch

Where science meets awesome.



Grow Leadership Skills

Learn project management, teamwork, and more with payload teams.



Excel Among Peers

Students gain a competitive edge when participating in this unique experience.



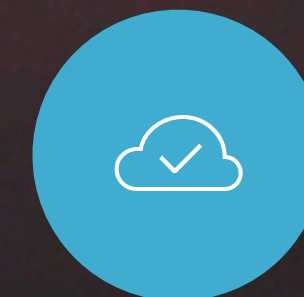
Professional Development

Mix and mingle with industry professionals and pave the path to your future.



Interview Astronauts

Meet the men and women that risk their lives for the betterment of humanity and advancement in space.



Win a nationwide competition

National recognition for an out-of-this-world experience.



Dare to Dream



Launch with us into a world where technology and education meet, inspire the next generation, and invest in the future.

Contact:

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