

Cubes in Space™

ingenuity taking flight™

Cubes in Space™, a program by idoodledu inc., is the only global competition offered at no cost for students 11-18 years of age to design and propose experiments to launch into space or a near space environment on a NASA sounding rocket and zero-pressure scientific balloon.

Cubes in Space is offered in collaboration with NASA's Goddard Space Flight Center Wallops Flight Facility, NASA's Langley Research Center and the Colorado Space Grant Consortium.



**Registration Open
Closes: February 14, 2020**

The Cubes in Space curriculum is adaptable and designed to be integrated into the classroom or homeschool environment as a comprehensive science and engineering design project. In addition, community outreach programs, after-school clubs or science and technology centers are just a few examples of organizations that are eligible to host and deliver the Cubes in Space program.



Big Science in Little Cubes

Science, technology, engineering, the arts and mathematics (STEAM) knowledge and skills are seamlessly combined and applied in the design of these small experiments. Students use their imaginations and critical thinking skills to design research and experiments that connect to real-world Earth or space-based problems or needs.

How the Program Works

Educators register for the program and deliver the course to students 11-18 years of age that are not attending a university or college.

Students complete an Application for Spaceflight for which educators submit on behalf of students. **Deadline to register: February 14, 2020.**

www.cubesinspace.com

Program Goals

- Demonstrate to students relevant interconnections between STEAM concepts.
- Provide real-world experiences in which students apply their knowledge.
- Build students' confidence in their own intelligence and problem-solving abilities.
- Enable students to believe they are analytical and effective thinkers capable of pursuing future STEM-related courses and careers.

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