PRESS RELEASE

LEARN, BUILD, LAUNCH: SATELLITE KITS FOR K-12 VISIONARIES

UGA Satellite Lab Debuts STEM Satellite Program – LEARNSat

Athens, GA – LEARNSat is a satellite kit program paired with an online learning platform for students to review guides, tutorials, and learning modules to construct a payload ready for launch. This program benefits students with hands-on experience in researching the Earth's stratosphere. Along with our satellite kits, LEARNSat's website uses interactive quizzes to maintain student engagement and overall retention of learned content.

"It really did feel one-to-one. Launching the weather balloon with my payload on there. And then seeing all that raw data come back—wow. I mean...I really did feel like I helped," says Ava Watson, a LEARNSat developer and launch trial tester.

No other program finds the right balance between affordability and educational outcomes. Full satellite launches and space missions are too costly and beyond the scope of K-12 students. At the same time, limiting scientific resources from younger generations leads to STEM stagnation. Our LEARNSat kits are affordable to school systems and designed to engage passionate students in hands-on learning.

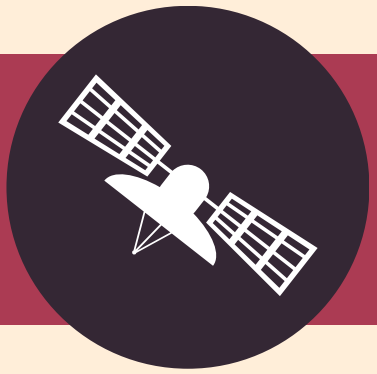
Ashwath Rajkumar, LabOps Lead at UGA's Small Satellite Lab, states, "My motivation for LEARNSat is knowing that students are excited to learn more about satellites and how scientists conduct research. It's quite fulfilling."

Educators and schools can easily get started by getting in contact with UGA's Small Satellite Lab to begin the competition phase. Winners of this phase will receive satellite kits for their students and LEARNSat instructional guides, readings, and quizzes to assemble the satellite payload. If you are interested, contact LEARNSat or visit our website for more information on how to start a sub-orbital mission!

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Sera Johnson, Amy Kitti, Kalvin Nguyen, Anna Pham, Ava Watson



FREQUENTLY ASKED QUESTIONS (FAQS)

Who is LEARNSat for?

LEARNSat is for STEM-driven K-12 institutes ready to introduce a new science program to their students and educators.

What is in a LEARNSat Kit?

Think of the LEARNSat kit as a bundle. Prospective high schools will receive kits to develop a payload housed in satellite buses developed by UGA SSRL. The LEARNSat kit also includes access to the online educational content needed to assemble the payload for a launch.

What will actually be built?

The actual build is a half-and-half venture. UGA SSRL will develop CubeSats which acts as a house for the payload; students will develop the payload which consists of the scientific instruments responsible for actually collecting sub-orbital data.

Is there an associated cost?

There will be an initial cost entering into the competition phase. Afterwards, however, satellite kits and the LEARNSat platform come at little to no cost.

FREQUENTLY ASKED QUESTIONS (FAQS)

Help me! How do I assemble a LEARNSat kit?

Institutions involved with our program can find education content on the construction of the payload on the LEARNSat website.

How can I acquire LEARNSat for my students/district?

Interested school systems should reach out to UGA's Small Satellite Research Lab at ssrluga@uga.edu to enter the initial competition phase.

Where can I stay up-to-date on LEARNSat news?

Apart from the LEARNSat website, we post regularly on Instagram and TikTok. If you enjoy long-form content and the latest in satellite science, watch our podcast through the LEARNSat website or wherever you find your podcasts!

How can I contact you?

For general information on LEARNSat and the future of the LEARNSat program, please see our Contact Page at learnsat.uga.edu.