



At the Aldrin Family Foundation (AFF), we believe space inspires. When you couple powerful STEAM-based educational tools with the fascinating backdrop of space, you set the stage for unleashing immense creativity and passion in our next generation of explorers.

STUDENTS EXPAND THEIR HORIZONS TO LEARN SPACE SCIENCE, ENGINEERING PRINCIPLES AND TEAMWORK THROUGH STORY-BASED LEARNING!

The Aldrin Family Foundation (AFF) partnered with Private Division to integrate its Kerbal Space Program EDU video game into AFF's signature Giant Moon Map™ and Giant Mars Map™ program. By combining the digital and physical components of education, students unlock an entire realm of possibilities with real-world scenarios to learn about space while traveling to other planets and building critical skills in science, technology, engineering, arts and math (STEAM).



THE KERBAL SPACE PROGRAM EDU BUNDLE INCLUDES:

- A gaming PC with a custom keyboard, flight stick and 3D mouse for moving with six degrees of freedom
- Five project-based learning activities for students to work in teams to strengthen communication/ collaboration skills, understand spacecraft systems design, explore orbital mechanics and design a settlement on the Moon or a research station on Mars
- *The Kerbal Player's Guide – Easiest Way to Launch a Space Program* book

All activities are aligned to the Next Generation Science Standards (NGSS) and include interdisciplinary core ideas including science, physics, chemistry and biology. Every lesson incorporates science and engineering practices. AFF can also customize activities to further align to specific state standards and local curriculum guides.

Let's work together to create an inspirational, educational adventure that will ignite students' passions and influence the course of their lives to grow tomorrow's STEAM-based workforce.

For more information contact us through our website aldrinfoundation.org/contact-us

