



Plant the Moon CHALLENGE



NASA

Space Grant Plant The Moon Challenge

Who can apply

South Carolina Middle or High School Teachers and Organizations offering STEM educational programming at these grade levels.

Application

Opens - September 6, 2022

Closes - October 16, 2022

(11:59PM)

Apply using the QR code below

Participating educators will receive the following:

- Mentoring from South Carolina Space Grant Consortium (SCSGC) and the Plant the Moon Challenge
- Lunar regolith simulant kit with project guide and pH meter – one per approximately 10 students
- \$100 stipend for project supplies (per kit)
- Professional development on NASA's Artemis mission to return humans to the Moon and related STEM
- Opportunity for students to engage in weekly activities, special speakers and virtual events highlighting NASA's Artemis mission

About

Come join NASA in their mission to bring humans back to the moon! One of the biggest challenges with manned space exploration is figuring out how to sustain a crew for long periods of time. So, is it possible to grow crops on the moon? And can these crops supply adequate nutrition for future astronauts? Join the NASA Space Grant Plant the Moon Challenge to explore just how feasible it might be to grow plants on the lunar surface. This global, teacher-led, project-based learning science experiment will challenge students to grow crops using lunar regolith simulant.

While at KSC, the top teams will present their projects and attend an award ceremony that will include NASA. The winning South Carolina team will compete regionally for an all-expense paid trip to Kennedy Space Center (KSC), including a Visitor Center Complex experience and a bus tour to the Saturn V Complex. While at KSC, the top teams will present their projects and attend an award ceremony that will include NASA, Plant the Moon, and Space Grant invitees. Four state winners will receive an all-expense paid in-state STEM experience.

The Challenge will begin in January 2023 and the crop growing season will extend from February 13th to April 7th. This opportunity is offered at no cost to educators through the South Carolina Space Grant Consortium in a multi-state Space Grant partnership with the Institute for Competition Sciences under a NASA grant. Ready for your next big space adventure? Join the Plant the Moon Challenge today!

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