

PLANT THE MOON CHALLENGE



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About Us

The Plant the Moon Challenge allows educators and their students to take a giant leap into lunar exploration by developing and conducting plant growth experiments with lunar soil simulant.

By joining the Plant the Moon Challenge NASA Regional Expansion Project, your students will engage in research that can assist NASA scientists in understanding how to use lunar soil to provide crops for future missions to the Moon.

Who can apply

Virginia middle or high school teachers and organizations offering STEM educational programming at these grade levels

Participating educators will receive the following:

- ✓ Mentoring from Virginia Space Grant Consortium (VSGC) and the Plant the Moon Challenge
- ✓ Lunar regolith simulant kit with digital project guide, 10 small pots, 10 N95 masks, and a 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 content
- ✓ Opportunity for students to engage in activities, special speakers and virtual events highlighting NASA's Artemis mission

Application Deadline September 1- October 10

<https://tinyurl.com/ApplyPTMC>



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<https://vsgc.odu.edu/plantthemoon/>

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