

HANDS-ON MINDS-ON INDUSTRIAL PRACTICES

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Plant the Moon Challenge: STEAM Skills through Collaborative Project-Based Learning

Explore the Plant the Moon Challenge (PTMC), which was inspired by NASA's Artemis mission and uses problem-based learning to establish a sustainable human presence on the moon. PTMC is ideal for elementary grades through college and is run by the Institute for Competition Sciences. PTMC engages students in real-world hands-on STEAM challenges, fostering student collaboration and critical skills development. Learn about how two Middle School AVID teams won North Carolina, regional and international awards through skills that can be applied across all grade levels and subject areas. This session also will incorporate the North Carolina Space Grant and North Carolina Space Education Ambassadors programs and opportunities.

Presentation Target:

Middle School

Presenter(s):

1. Christine Sudzina Schut, AVID Site Coordinator and Grade 6-8 Elective Teacher, Culbreth Middle School
2. Jobi Cook, Associate Director, NASA/NC Space Grant