

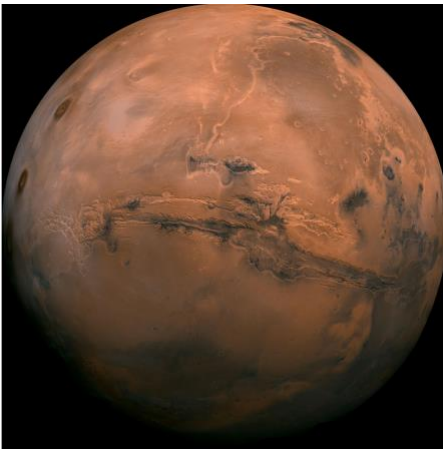


UTAH STATE UNIVERSITY, LOGAN

4-H Moon to Mars Tetrathlon

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Students will explore the moon, and Mars
Credits: NASA/JPL-Caltech

This four-part curriculum series, to be implemented through Utah 4-H, aims to provide underserved youth with experiential “Moon to Mars” based space activities and informal educators with a series of activities that can be used in stand-alone format or as a learning series. It will also provide a two-tiered approach by training and utilizing high-school age youth as near peer mentors. The curriculum and kits will support four thematic experiential activities: Drone challenges to introduce space travel to the moon and Mars; Robotics

challenge where students program robots simulating a rover on the surface of the moon and Mars, gathering data and overcoming obstacles; a project challenge using teamwork and engineering design to create solutions to space-based concerns; and a healthy living component utilizing physical and mental health in space to draw correlations with health on Earth.

List of Partners:

- Utah 4-H
- Utah Afterschool Network

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