



B A S E  C A M P

4-H STEM CHALLENGE

VA 4-H STEM MONTH

4-H Mars Basecamp How-To Sessions:

Oct. 6: Red Planet Odyssey

Oct. 13: Crop Curiosity

Oct. 20: Landing Zone Surveyor

Oct. 27: Insight from Mars

Come join us for a month of virtual activities for 4-H STEM Month in October!

**Tuesdays at 2:00 p.m. and
Thursdays at 7:00 p.m.
via Zoom!**

4-H STEM Experiences:

Oct. 8: Let's Talk STEM Careers!

Oct. 15: STEM Games

Oct. 22: Mars Geoscientist Panel

Oct. 29: Learning with NASA

Find more information about each session and register at

<http://bit.ly/VA4HSTEM>

If you are a person with a disability and desire any assistive devices, services or other accommodations to participate in this activity, please contact Erika Bonnett at 540-231-9931 during business hours of 8 a.m. and 5 p.m. to discuss accommodations 5 days prior to the event.

*TDD number is (800) 828-1120.



Virginia Cooperative Extension

Virginia Tech • Virginia State University

www.ext.vt.edu





Virginia 4-H STEM Month Activities

4-H Mars Basecamp How-To Sessions (Tuesday's at 2:00 p.m.):

October 6th, Red Planet Odyssey: Join us for some out of this world fun! We will introduce you to concepts of the engineering and design process through building a rover and going on an exploratory mission on Mars.

October 13th, Crop Curiosity: Join us to get "curious" about growing food on Mars! This session will focus on learning and playing Crop Curiosity as we learn about growing food on Mars!

October 20th, Landing Zone Surveyor: Did you know that Mars has one of the largest canyons in the Solar System? Join us for an exploration of things you might find if you landed on the surface of Mars and how scientists know that they are there.

October 27th, Insight from Mars: Want to tell your family about your trip to Mars? Come learn how to code your own message from Mars to your family after your trip! We will walk through how to use scratch to tell our story about Mars!

4-H STEM Month Activities (Thursdays at 7:00 p.m.):

October 8th, STEM Careers: Join us and talk to an actual scientist that works on the NASA Mars projects. They will share how they got where they are today and how you too can have a STEM career!

October 15th, STEM Games: Join us for some STEM and Space-Themed Games! Play Pictionary, Jeopardy, or other games to showcase your knowledge and skills in science, technology, engineering, agriculture, math, or space!

October 22nd, Mars Geoscientist Panel: What do you wonder about Mars? Join us for an engaging Question and Answer session where Virginia Tech Geoscientists who study Mars answer questions from Virginia 4-Hers.

October 29th, Learning About NASA: Join us to learn and ask questions from people who have or are currently working at NASA. This session will give you an opportunity to learn about projects and programs that they work on, and how they got the chance to work for NASA!