

## AAUW TECH TREK NM

### 2021 VIRTUAL STEM CAMP FOR GIRLS

A project of the American Association of University Women (AAUW) and  
AAUW Tech Trek New Mexico, Inc.

Camp dates: Sunday, July 18, 2021 - Friday, July 23, 2021

### What to Expect at Tech Trek NM

#### Who Are the Campers?

Campers are girls who are in 7<sup>th</sup> grade right now and are from all over New Mexico. There will be up to 60 campers who are all excited by science, engineering, and math – just like you.

#### Core Classes

Campers attend their core class every morning. All classes are hands-on and taught by experienced female teachers. Core classes may include Computer Science and Cybersecurity, Civil Engineering, Physics and Electrical Engineering, and Environmental Science (NASA Globe).

Each camper is given the opportunity to request her core class assignment.

#### Field Trips

With virtual field trips this year, we will have the opportunity to explore many NM locations. Campers may visit a National Wildlife Refuge to learn about wildlife conservation and some of the research projects conducted on the Refuge, maybe a space travel or communication site, or even visit an exciting research facility at New Mexico Tech University in Socorro.

All field trips will be led by science or engineering professionals.

All field trips will be in the afternoons. Campers will be transported virtually to the various locations.

#### Workshops

A variety of hands-on workshops will be provided throughout the week. Workshops may include using small drones, making rockets or robots, and even learning about crystals and minerals with New Mexico Tech University geologists.

#### Professional Women's Events

You will have the opportunity to meet and speak with female professionals in a variety of STEM careers and from different employers in New Mexico. The guests will share their inspirations, discuss their educational and career paths, answer questions, and interact with you and the other campers in an online meeting venue.

## Online Structure

The 2021 Tech Trek NM campers will participate in a Core Class in the mornings. In the afternoons, campers will take part in virtual field trips, professional women's events, and workshops.

All staff and teachers have undergone federal background checks and been cleared. They have also been provided training on a variety of situations that may be experienced during camp.

## Materials and Supplies

We will send each camper a box of materials and supplies you'll need to participate in the camp events. We'll also send you a Tech Trek NM T-shirt, backpack, and journal.

## Internet Connection

We know that most of you have been attending school online this year and have mostly figured it out. There are still large areas of New Mexico where internet connections are spotty so we will make every effort to provide the required technology and technical assistance for the selected girls to be able to attend Tech Trek NM in an online format. We will be asking you to tell us what you need after we have selected this year's campers.

## What You Will Bring to Camp

Curiosity, Excitement, Interest, Willingness to Participate, Sense of Humor.

In a word: Yourself!



## More Information

You can find out more on our website: <https://techtrek-nm.aauw.net/>.

You can also watch this video clip to get a flavor of what Tech Trek is like: <https://vimeo.com/377153592>

Look for photos on Instagram at: [#techtrek2020](#) or [#techtreknm](#)