

# THE PATHFINDER

NEWS AND EVENTS FOR PATHWAYS SCHOLARS

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## PATHWAYS For Future Engineers

### PATHWAYS PROFILE: VICTORIA DAVIS



A Freshman from Spotsylvania, Virginia, Victoria intends to major in Chemical Engineering. "I learned about Pathways through an email from Virginia Tech during my junior year of high school, and my experience was beyond what I expected signing up. All the students and faculty are supportive, open, and honest, and plan fun events. I attended a retreat where Pathways students went to a museum, painted ceiling tiles for a local children's hospital, and then went go-kart racing!

Pathways helped me find opportunities to navigate college as a first-generation student: from asking upperclassmen about their experiences, applying for study abroad, and balancing my workload.

I'm studying abroad in Italy and Germany in the Rising Sophomore Study Abroad Program this May, am part of the Honors College, and am the Communication Chair for the Theme Park Engineering and Design Club. "

### SUMMER CAMP 2023

Pathways Summer Camp slated for July 16th - July 30th. This year's theme is a *Phineas and Ferb Summer*, where we will tackle daily design and build projects inspired by the Phineas and Ferb series. The camp will also include tours of labs, guest speakers from Virginia Tech, NASA, the Hume Center for National Security & Technology, among others.

#### Camp Sign Up for Current Pathways Students

Students previously admitted into Pathways for Future Engineers and who will be in High School in the Fall of 2023 are automatically accepted for the Summer Camp of 2023 and are expected to attend to remain active with the Pathways Program. **To confirm your attendance you must submit a returner form by clicking here.**



#### Application for New Pathways Students

We invite our current Pathways families to share information on the Pathways programs with new students who may be eligible for the program.

First generation students in a Virginia high school (i.e., neither parent has received a bachelor's degree in any field) are eligible for the Pathways for Future Engineers program. Students who will be entering 10th, 11th, or 12th grade in Fall 2023 are encouraged to apply at this link:

<https://admit.vt.edu/register/Pathways2023>



## Pathways for Future Engineers

Summer Camp 2023: We are going to do it all!

## MAKER MONDAYS FALL 2022

Select Mondays throughout the semester, pre-college students and Pathways staff meet via Zoom to engage in the Engineering Design Process and learn from Virginia Tech professionals and students to best execute their designs. This past fall, students were tasked with designing an outlaw Pinewood Derby Car that would be tested on-campus for a Derby competition between all participants.



On November 12, 2022, participants and families were hosted for lunch and the derby competition at the New Classroom Building on campus. With over 30 Pinewood Cars, students were judged in the following categories: speed, aesthetic, meaning behind its name. Students' grade levels varied from elementary to high school.



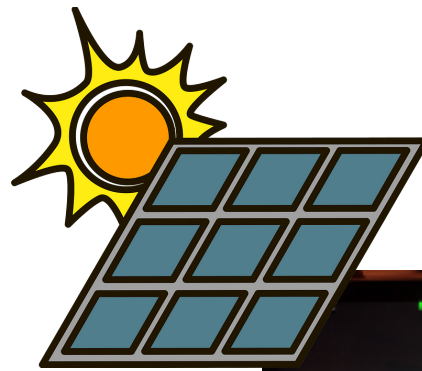
## FOR MORE INFORMATION

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## MAKER MONDAY & FUNCTION JUNCTION

All Pathways Scholars are invited to join us on Monday evenings from 7 pm-8 pm over Zoom.

**Maker Mondays** For this upcoming spring, Maker Monday's design project will be SolArt. The challenge will be to create an art piece using methods of solar energy. Materials and resources will be provided to those who register. All making creations will be invited to the annual CEED Tailgate on April 15th at the VT Spring Football Game. Maker Monday participants are offered bus transportation and box seat tickets to the VT Spring Football Game.



Additionally, Pathways is offering homework help for math throughout the week through program called **Function Junction**. If you are taking any type of math and would like help, join our course chat on Piazza and you post your problems!



Pathways Fall Visitation Students 2022