



JOIN US FOR INNOVATIVE SUMMER FUN !

Camp Tech is a summer camp for students entering grades 3-8 in the fall of 2019. Students will explore science, technology, engineering, math, computer science and more with new and innovative technology! Students will rotate through 4 sessions each day, beginning at 8:30 am and ending at 3:30 pm. Sessions fill quickly and space is limited to 48 participants at each site. Make sure to register early! Students must attend all day. Registration fee is \$175 for the week (\$140 for second student in same household), which includes all sessions, materials, and daily snacks. Students are asked to bring a bagged lunch.

REGISTRATION WILL OPEN MARCH 28, 2019 AT 9:00AM

<https://sites.google.com/iu1.org/innovationanddesign/student-programs>

North Strabane Intermediate School: July 15 – July 19, 2019

W & J College: July 22 – July 26, 2019

Waynesburg University Main Campus: August 5 – 9, 2019

SESSIONS INCLUDE:

Humming Bird Robotics: Design, Program, Make, Create!: Using Hummingbird Robotics Kits students will design, program, and create custom robots relating to this years' space theme! Students will build on skills such as programming, engineering, sensor operations, and more to create unique robots that will in the end complete a custom task.

Minecraft Mars Expedition: Using iPads and the Minecraft Pocket Edition App students will explore the history and science behind space exploration. Students will be given a barren world and as candidates for their Mars One mission they simulate in teams how they will terraform, survive, and colonize Mars for future generations. Students will be faced with new challenges every day.

Automation and Robotics Space Exploration: Students will use VEX Robotics Kits to explore how robots work on Mars and the Moon to complete tasks for NASA. Students will work together, diving into new tasks each day using a range of robots with different abilities to complete the days challenge. Students will investigate the procedures of robots and space exploration as the dive into each project learning automation and robotics concepts as they go.

NEW!! Space Launch!: Students will take technology to the next level by launching a balloon into space! This hands-on session infuses innovative technologies, teamwork, and hands-on learning. Students will explore the science of our atmosphere, altitudes, and pressure while preparing their balloon to gather and collect data when launched into space!



Please contact Sarah D'Urzo, IU1 Coordinator for Innovation and Design, at sarah.durzo@iu1.org for more information on Camp Tech or with any questions.