



WPAFB Educational Outreach



INSPIRING STUDENTS IN STEM

July 2022

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K-12 STEM ENQUIRER

FIRST® LEGO League Rookie Camp

Rookie FIRST LEGO League Challenge teams joined us for a Rookie Team Camp July 19-23. The teams spent the week learning about all aspects of FIRST LEGO League: research, innovation, mechanical design, programming, and teamwork.

The camp concluded with a mini-tournament on Saturday to give the teams the full competition experience. It was an exciting day for the teams with judging and robot games. They demonstrated an abundance of pride in their accomplishments, and we celebrated with them!

We are grateful for volunteer support from long-time FLL volunteers Colonel Chris Snyder, Austin Kochs, and Alex Ronnebaum. The camp also wouldn't have been possible without support from these incredible area FIRST teams: FTC Innovators Robotics, FTC Quantum Leap, FLL The Awesome TechKnowLogics, and FLL The QuickBots.

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...Join Us Next
Month

• LEGACY Apprentices

• FLL Kickoff



Team Code Ninjas practicing for judging



Team from Dayton Christian testing their programs



Team from Dayton Christian programming their robot



FTC Team Quantum Leap refereeing the robot game competition



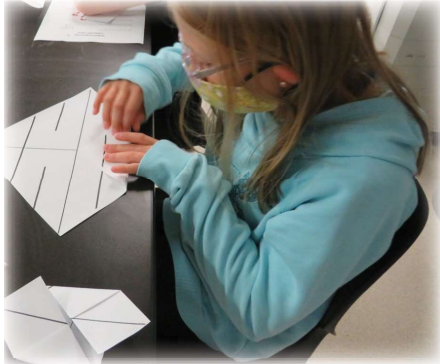
Team from Springboro scoring their match with the referee



Team Code Ninjas vs Team DC Flyers at the competition table

STARBASE Camp

Area-wide rising 5th and 6th graders joined STARBASE staff to learn and interact with parachutes, hot air balloons, and RVR disco party programming! Although the rain thwarted plans for rocket launches, we improvised and still had fun learning!





LEGACY Craftsman Camp

This month, LEGACY held Craftsman camps for age 14 and 15 year old students at Eglin AFB and 11-15 year old students at AFOSR. Students participated in hands on STEM activities during the one week camp. Sumo Robot, Raspberry pi, Learn to Solder, Boomilever, Rube Goldberg, and Egg Launch were camper favorites.

LEGACY Jr. Apprentices and Apprentices presented their final presentations and had the opportunity to attend a Collaboration and Oral Communication micro-credentialing session held at the University of Dayton. Jr. Apprentices and Apprentices also attended bi-weekly Professional Refinement sessions. Some topics for these sessions included Federal Resume Writing, ACT / SAT Test Prep, FAFSA, What I Wish I Knew as a Young Scientist and Engineer, and College Panel.



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