

About the BEAR

The BEAR (Berrien Engineering AI and Robotics) Summer Program is a ThinkerBox initiative hosted at Andrews University, offering engaging STEM experiences for students across Berrien County. While The BEAR encompasses a broad focus including engineering, robotics, and AI, this pilot program features a dedicated 5-day robotics workshop using the VEX IQ platform. Designed specifically for middle school students, the workshop focuses on hands-on learning in robot construction, mechanical design, and block-based programming. Students work in teams to build, program, and compete in a weeklong journey that builds skills, confidence, and a love for engineering.

Session Dates

Beginner Level (Grades 6–8, no prior experience required)

- Week 1: June 16–20
- Week 2: June 23–27
- Week 3: July 7–11

Intermediate Level (Grades 6–8, returning or experienced students)

- Week 4: July 14–18
- Week 5: July 21–25
- Week 6: July 28–August 1

Sponsored by
ThinkerBox




ThinkerBox



Book now!

We can only take 15–20 students per session!

SPACE IS LIMITED!

Book By

MAY 31, 2025

CONTACT US NOW!

(269) 471-3632

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More Information

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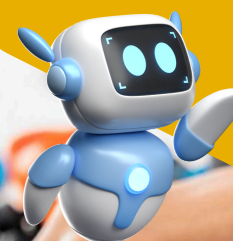
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Andrews University
World Changers Made Here.


ThinkerBox

Presented by ThinkerBox in partnership
with Andrews University.

**Berrien Engineering AI and
Robotics
Summer Program at Andrews
University**



Think.
Tinker.
Transform.



 poblete@andrews.edu

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About ThinkerBox

ThinkerBox is an innovation initiative that empowers students through hands-on learning in robotics, programming, and entrepreneurship. With a focus on creative problem-solving and STEM education, ThinkerBox provides accessible, real-world experiences designed to inspire the next generation of makers and leaders.

Our Philosophy

At ThinkerBox, we believe that every student has the potential to become a creator, not just a consumer of technology. Our philosophy centers on experiential learning—where curiosity, collaboration, and creativity drive meaningful engagement with real-world challenges, empowering young minds to think critically, build boldly, and lead with purpose.



Program Packages

Beginner

\$250.00

- 5-day Beginner VEX IQ Robotics Workshop
- Program hours: 8:00 AM – 4:00 PM
- Hands-on robot building and block-based coding
- Team challenges and final-day showcase
- Nutritious lunch and two daily snacks
- Certificate of completion
- Daily progress report

Intermediate

\$350.00

- 5-day Intermediate VEX IQ Robotics Workshop
- Program hours: 8:00 AM – 4:00 PM
- Advanced builds, sensor integration, and semi-autonomous coding
- Strategy-based challenges and showcase event
- Nutritious lunch and three daily snacks
- Daily progress report and personalized feedback

Sunny Package

\$500.00

- 2 full weeks (10 days): both Beginner and Intermediate Workshops
- Extended hours: 7:00 AM – 6:00 PM daily
- Robotics, coding, and creative engineering challenges
- Nutritious lunch, and snacks (2x daily)



Sessions

Beginner Level (Grades 6–8, no prior experience required)

These sessions are designed for students who are new to robotics or VEX IQ.

- Week 1: June 16–20
- Week 2: June 23–27
- Week 3: July 7–11

Intermediate Level (Grades 6–8, returning or experienced students)

These sessions are for students with prior VEX IQ experience or who have completed the beginner track.

- Week 4: July 14–18
- Week 5: July 21–25
- Week 6: July 28–August 1

Time: Monday–Friday, 8:00 AM – 4:00 PM

Location: Andrews University

Program Fee: \$250–\$350 per student
(includes robotics kits, computers, lunch, and activities)