



# PARKLAND STEAMM ACADEMY



MIDDLE SCHOOL - SUMMER DAY CAMP JUNE 15-18, 2026  
(MONDAY-THURSDAY AT OMS)

## WHY STEAMM CAMP?

- *Parkland* STEAMM Camp brings learning to life through hands-on projects, creative challenges, and real-world problem-solving. Students explore future career pathways while building confidence, collaboration, and innovative thinking skills.
- STEAMM (Science, Technology, Engineering, Art, Mathematics, and Medicine) is a national movement that *Parkland* proudly embraces as an essential part of preparing students for success in an increasingly global and competitive economy. Through STEAMM experiences, students don't just learn concepts; they design, create, test, and discover.

## STUDENT PARTICIPATION:

- This is an immersive STEAMM experience for middle school students **currently in grades 6-8**.
- All sessions will be held at [Orefield Middle School](#) this summer.
- Registration for the summer program will be on a first-come, first-served basis, with a waiting list available if needed. A **maximum** of 25 students will be accepted per session.
- The fee is **\$50 per student per session**, with the majority of the cost being absorbed by the *Parkland Education Foundation*. REGISTRATION DEADLINE: **May 15, 2026**

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## FUTURE ENGINEERS (Session 1: 8:00 - 11:30AM)

- This middle school engineering design camp is perfect for students interested in PLTW and design. Through hands-on challenges, students will apply science and math to solve real-world problems, then design and build a cam-driven mechanical toy using traditional woodshop tools. This fun experience builds creativity and problem-solving skills that prepare students for future engineering courses.

## AMAZING BRAIN (Session 2: 8:00 - 11:30 AM)

- Students will be introduced to the concepts involved in biology and the psychological functions of the brain. Students will simulate brain surgery through both dissections and virtual medical laboratories. Students will create their own biomedical inventions and explore the field through hands-on activities.

## MAKERS UNLEASHED (Session 3: 8:00 - 11:30 AM)

- Calling all MAKERS in grades 6-8! This fun, hands-on workshop will allow students the opportunity to build their capacities to use critical thinking and problem-solving skills through the creation of creative projects. Campers will explore LEGO Education, 3D Printing, Robotics, MAKEDO tools, KEVA Planks, Ozobots/Digital Storytelling, and so much more!

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## VIDEO PRODUCTION (Session 4: 12:00 - 3:30 PM)

- This STEAMM session will provide students with the opportunity to learn multiple aspects of video production, including scriptwriting, storyboarding, basic camera skills, video editing, and digital media. We will design, create, and edit video projects using WeVideo in Orefield's middle school TV Studio.

## FORENSIC SCIENCE (Session 5: 12:00 - 3:30 PM)

- Students will be introduced to the exciting world of forensic science. They will learn current forensic techniques, perform experiments, and uncover secrets about crime investigations. Students will explore and examine physical evidence found at the scene of a crime and solve a real mystery.

## FUTURE INNOVATORS: CODING & AI FOR A BETTER TOMORROW (Session 6: 12:00 - 3:30 PM)

- Computer Science is so much more than just coding! In this adventure, students will learn about Artificial Intelligence (AI) and how AI can be used for good to address world issues and increase efficiency through task automation. Campers will investigate AI and machine-learning, explore coding activities, and learn from guest speakers.

To register for STEAMM camp, please use the following link: <https://forms.gle/Nur8tK5unGbg9MJ86>