



BOY SCOUTS OF AMERICA
MICHIGAN CROSSROADS COUNCIL

★ COMMUNITY PARTNERS ★

UNIVERSITIES/COLLEGES:

Mott Community College, Hope College, Michigan State University, Kettering University, Lawrence Technological University, Oakland Community College and Van Andel Education Institute.

MUSEUMS/LEARNING CENTERS:

Henry Ford Museum of Innovation™, Grand Rapids Public Museum, USS Silversides Museum, Van Buren Technology Center, Ann Arbor Hands-On Museum, LEGOLAND Discovery Center, First Robotics Community Center, Cranbrook Science Center, STAGE Nature Center, Yankee Air Museum, Blandford Nature Center, Michigan Science Center, Kalamazoo Book Arts Center, Kent ISD, Kent District Library, and GR Makers Space.

BUSINESSES/ORGANIZATIONS:

Hurley Medical Center, Flint Farmers Market, YMCA, American Cancer Society, Fathom Drones, United States Patent Office, Shell Oil, Apple, Flint Firebirds, Women in Engineering, Engineering without Borders, Society of Material Science, GE Aviation, USDA, MDOT, JR Automation, General Motors, and the Geek Group.

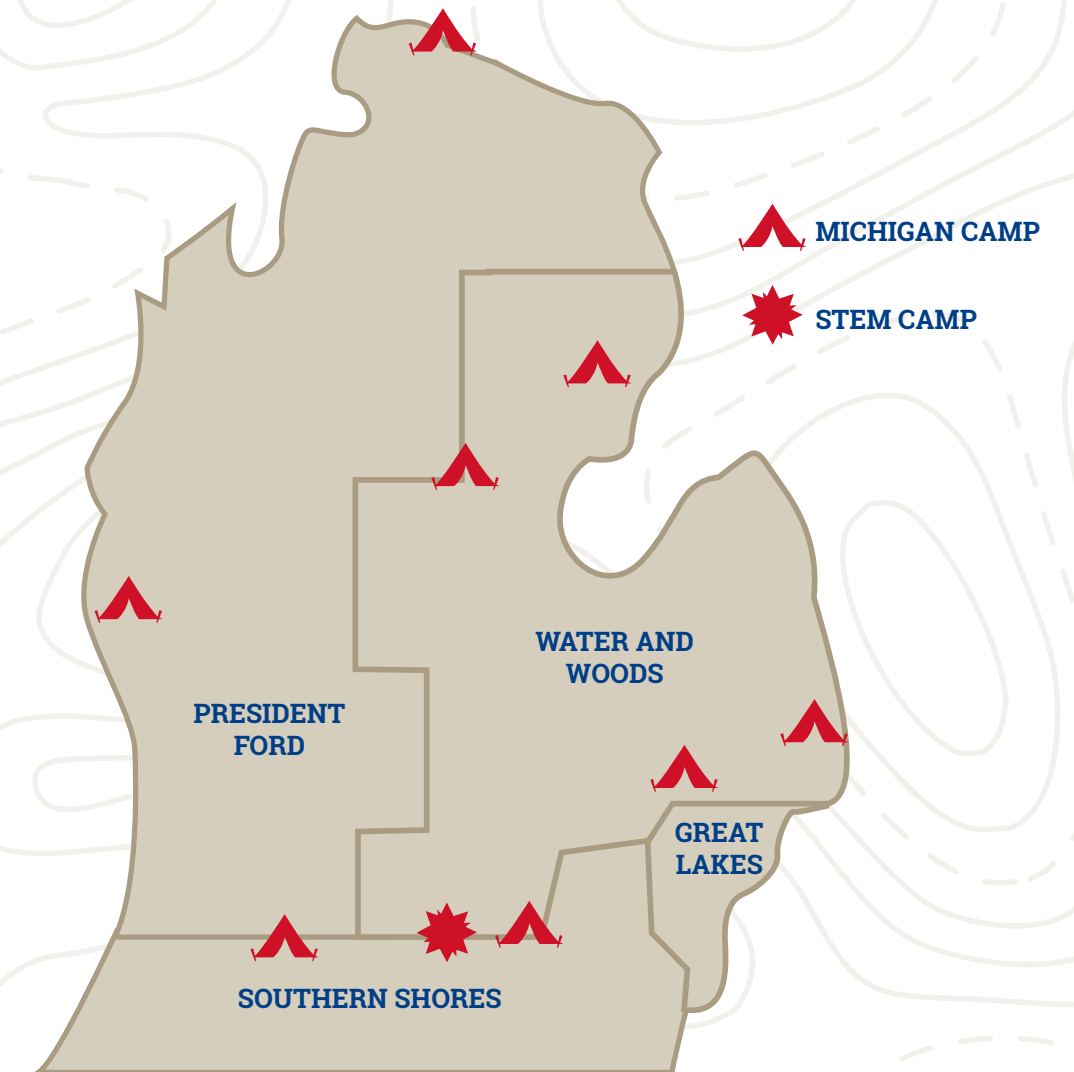
★ CONTACT US ★

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STEM 2017 ANNUAL REPORT



★ MESSAGE FROM THE DIRECTOR ★

Over the past year, the Michigan Crossroads Council STEM Initiative has been harnessing the inquisitive minds and Scouting spirit of thousands of youth and volunteers across the state to forge a new pathway in informal STEM education. Our vision is to provide a learning environment in STEM that maximizes individual potential and insures that youth are well equipped to meet the opportunities and challenges in the world around them. We are pleased to share the results of our 2017 efforts to achieve this vision. We are so proud of what we have achieved so far and look forward to even greater success in the future. Through the dedication of our staff, volunteers, partners, and funders we are giving today's youth the tools to not only be prepared for the future but to excel in it!



★ WHO WE SERVE ★

7,313

Scouts served



426

Adult leaders trained to provide hands-on STEM programming to their Scouts

62,509

STEM related achievements earned



85

STEM focused events held in 2017

3,160

Siblings of Scouts served

1,081

Non-Scouts served

★ STEM IMPACT ★

IMPROVED ATTITUDE TOWARDS STEM

- 76% of youth felt the activities made science seem fun
- 78% of youth are more interested in STEM because of the events
- 426 adult leaders are trained to deliver fun and engaging STEM programming

INCREASED CAPACITY TO PRODUCTIVELY ENGAGE IN STEM

- 89% of youth said they improved their understanding of the STEM subject presented at the event they attended
- 53% of youth participants have attended more than one event
- 70% of Scouting units have incorporated STEM into unit activities
- Scouts earned 1,477 NOVA Awards (requires demonstration of knowledge)

INCREASED VALUE OF STEM

- 89% of youth said they know more about the ways STEM impacts their everyday life as a result of the event they attended
- 22 Scouts earned Super NOVA awards (requires significant dedication to complete)
- 32 STEM Certified Scouting Units (shows units are committed and value STEM)

★ STEM INITIATIVE ★

CAMP TEETONKAH

We are repurposing our Camp Teetonkah property in Jackson, MI into a Special Initiatives Facility that will have a focus on STEM activities. The Camp will provide a variety of weekend and summer STEM programs for both Scouts and the general public. We will also retrofit one of the camp buildings into an onsite makerspace so that participants can experience a variety of collaborative, hands on learning opportunities.

DEVOS FAMILY CENTER FOR SCOUTING

Our Service Center in Grand Rapids will also be transformed into a Special Initiatives Facility to deliver STEM activities and other programs year-round. Ideally located in Grand Rapids, it will target the surrounding school districts and high density urban community, serving thousands of youth (both Scouts and non-Scouts) annually.

MOBILE STEM

We are increasing our STEM outreach by providing a number of pop-up makers space events across Michigan. To do this, we are refurbishing an existing trailer with all the supplies and equipment needed to provide a wide variety of activities. The trailer will be brought to both Scouting events and public events as well as to schools and other partner organizations to deliver unique STEM curriculum throughout the year.

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