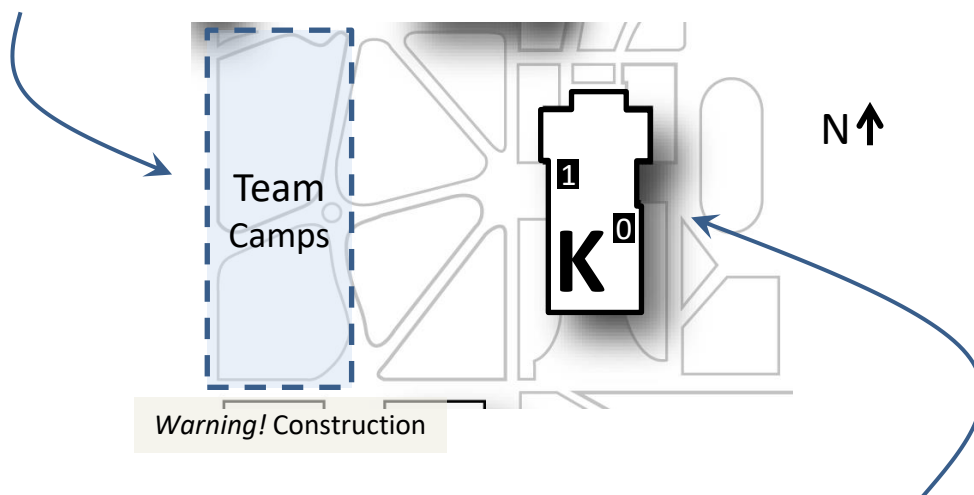


# Team Camps

Teams may create a “camp” for their team as an alternative to their team table. We have designated a specific area behind the K building near the gazebo. To preserve this nice opportunity for future years, please follow these policies:

- One tent per registered team, no larger than 12' x 12'.
- No staking of tent legs.
- The campus food policy still applies:
  - Individual families may bring food for themselves.
  - Group orders of food may not be delivered to campus.
- No fires or grills are allowed.
- Do not climb on or damage the David Barr sculpture in the area.
- Please be considerate of other teams.
- Be aware of the dangerous construction area to the south.
- Your team camp should be cleaned up entirely by 2:30 pm.



## Open Events in the K Building

### 0 Coding and Robotics Presented by *EonSTEM Academy*

A hands-on opportunity for students to explore the world of coding and robotics. Students will use Scratch and Python coding to control Wonder, VEX, and RoboMaster robots.  
K Building, 1<sup>st</sup> floor



### 1 Chemical Reactions Presented by *South Lake High School*

20-minute presentation starting at: 9:10 9:50 10:30 11:10 11:50 12:30 1:10 1:50  
Come be part of this fun interactive demonstration and discover what happens when certain chemicals and compounds are mixed.  
K Building, 2<sup>nd</sup> floor

**Open events** are activities that are open to all students and family members. They are designed to test one’s general knowledge or engage problem solving skills. Spectators are welcome. Sessions run approximately 10-25 minutes. If a session is full, please wait patiently. Most open events will award a ribbon for completion.

# Open Events in the SEC

**2** Amazing Astronomy & Fantastic Physics! Presented by the *Michigan Science Center* (25 minutes)  
 Show times: 10:25 11:05 11:45 1:05 1:45 2:25

The Universe is full of past, current and future scientific discovery. Join us as we explore the known and unknown world of physics in space and help us simulate concepts that are often too big, too dark, or too far away to see.



**3** Apollo Adventure 9:30 – 3:00 Presented by the *Michigan Science Center*

- Space Radiation** – Assemble a tool that can detect harmful UV rays.
- Straw Rockets** – Identify the key design components of a rocket, then build and test your own.
- Gravity Well** – Simulate gravitational energy and explore its effects on objects of varying size and mass.
- Expanding Universe** – Observe the ongoing expansion of our universe on a smaller scale.
- What’s the Impact?** – Investigate how asteroids and meteorites shaped the lunar surface.
- Filtered Light** – Manipulate different energies of light to study the universe.
- Astronaut Tools** – Is your dexterity as good as an astronaut’s?
- Objects in Motion** – Use clay to create functioning models of interacting objects in space.
- Pocket Solar System** – Make a scale model of the distances between objects in our solar system.
- Vacuum Chambers** – Place objects inside a vacuum chamber and observe how materials behave differently in space.

**4** The Bridge of Solocup 9:30 – 3:00 Presented by the *Discovery Center of Macomb*  
 Participate in a test of ingenuity. Is paper stronger than steel? Stop by and find out.

**5** Come Fly With Me 9:30 – 3:00 Presented by the *Civil Air Patrol*  
 Experience the thrill of a realistic flight simulator, controlling the Yoke, Rudder and Power.

**6** All About Quadcopters Presented by the *Civil Air Patrol*  
 Demonstration Times: 9:45 10:25 11:05 11:45 12:25 1:05 1:45 2:25  
 Learn how unmanned aerial vehicles work, what they can do and how to fly them safely.



**7** Build a Plane 9:30 – 3:00 Presented by the *Civil Air Patrol*  
 Learn how to build a foam airplane and then have an opportunity to test it.

**8** Secondary Demonstrations 2:00 – 3:30 Presented by *Middle & High School Olympians*  
 Get a peek at some of the cool Science Olympiad events that await you in the upper grades.

**9** Emergency Vehicles 10:00 – 12:00 Presented by the *Warren Police Department*  
 Did you ever wonder what was inside an emergency vehicle? Now you have an opportunity to look inside one and talk with the people who drive them.

*Where can I find them?*

