



Rookies at GRC

SEPTEMBER 29, 2018

With two new rookies in S. Illinois, FRC4931 made a second robot for the Gateway Robotics Challenge. Dupo was supposed to come, but had a conflict. So Mascoutah was able to jump in and drive Marie 2 (our second Power Up robot). We showed them how a competition worked, shared a mega-sized pit with them, and exposed them to all FRC has to offer. They were excited and frightened at the same time!

Who: *About 10 FRC4931 students*

Impact: *~5 students and coach from Mascoutah FRC7496*



2018 Halloween Parade

October 31, 2018

The Edwardsville/Glen Carbon Chamber of Commerce hosts the annual Halloween Parade in downtown Edwardsville. It's a huge tradition on Halloween night (for FRC4931 & ERC too!), and thousands of spectators come out rain or shine to watch the parade of over 100 floats sponsored by local businesses and organizations. 25,000 people affected! Besides Walter, Marie 2 showed everyone how we handled cubes in Power Up this year.

Who: *Luke, Ethan, Dustin, & DJ*

Impact: *~25,000 parade members and spectators!!*



Dupo Training Session

November 28, 2018

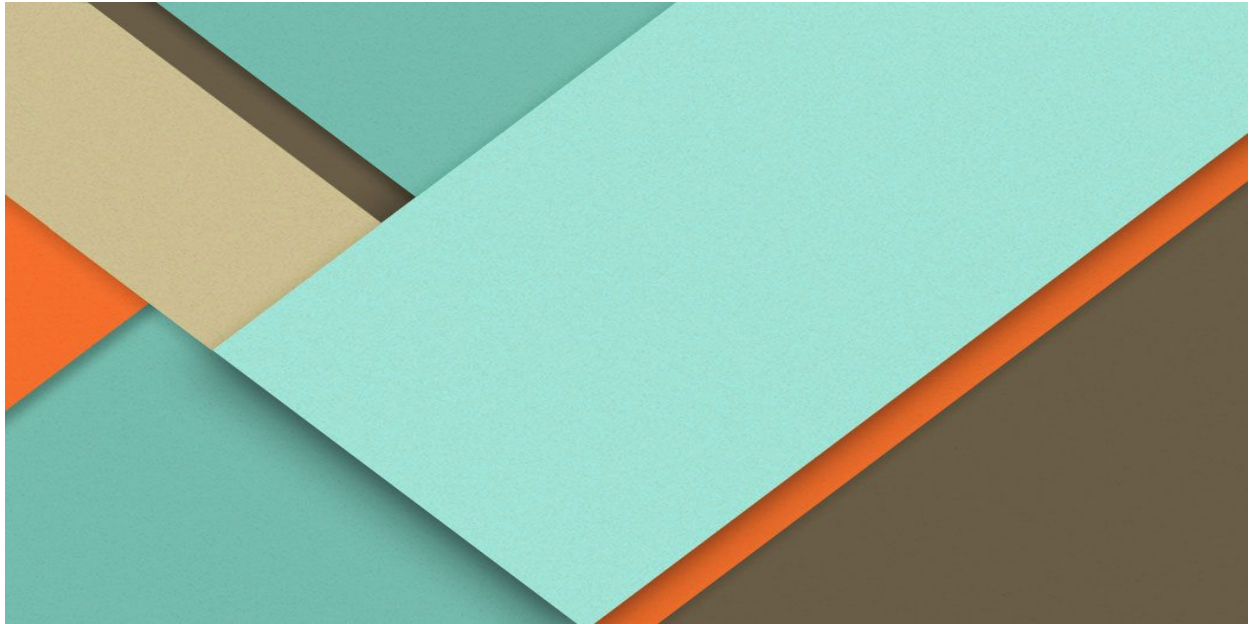
FRC4931 went to visit one of our rookies, Dupo FRC7452, for about 2 hours. We brought our off season robot and CAD binders. Dupo students drove our robot and then we all had a chat session about anything they wanted to ask about. We explained competitions, alliances, the points system, autonomous, and many other items. We even let them borrow Marie 2 to show their school administration and take a photo with one of their sponsors - Monsanto.

Who: Emily, Shawn, & Garrett V

Impact: 10+ Dupo students & school reps, Monsanto rep

Another Rookie Visit

November 29, 2018



One of the rookies, Mascoutah FRC7496, came to Lewis & Clark to visit with us for about 3 hours. They drove Walter and Marie 2, and we showed them our half destroyed Marie 1 with the goal of diagraming where things go and how it things work together inside of a robot. They also helped build up some planetary gearboxes.

Who: *Numerous FRC4931 students*

Impact: *~5 Mascoutah students & coach*



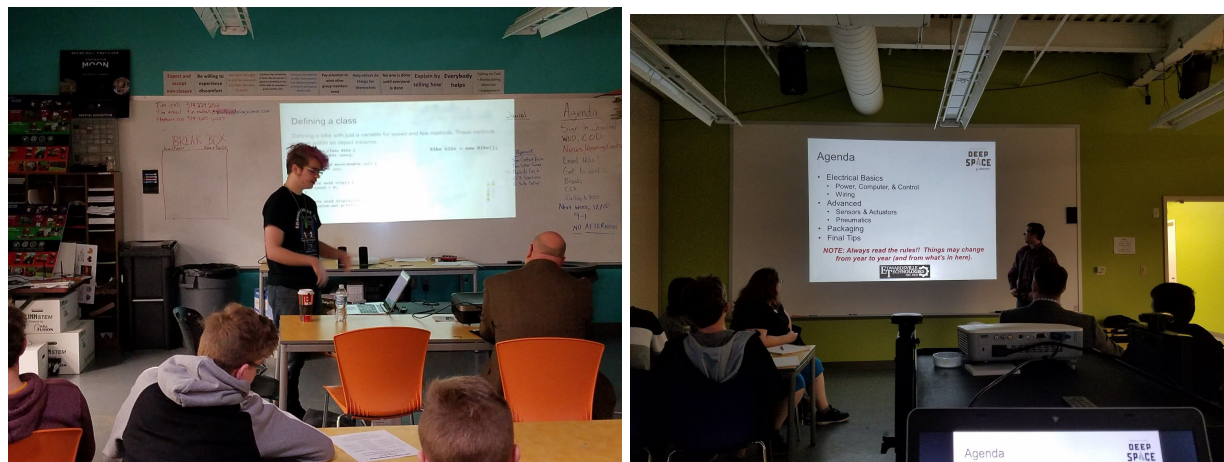
Troy, IL FLL Qualifier

December 1, 2018

As is usual, FRC4931 was a major player at the **32-team** Troy FLL Qualifier. James setup live streaming and DJ'd, he and others provided overall tech support & setup/teardown, DJ & Cole J. judged, Emily and Clint were there mentoring FLL teams, & Sean and others ran the concessions stand. FRC4931 is always desperately needed (and available) to help make this event run smoothly!

Who: James, DJ, Dustin, Garrett, Emily, Cole(s), Clint, Sean & more

Impact: ~450-500 FLL students, coaches, & spectators



FRC Training Camp

December 28, 2018

Every year the St. Louis Science Center puts on a FRC Training Camp to get teams ready for the upcoming season. This year, James presented several sessions on Java programming, while Sean gave a session on the robot electrical & control systems. Several other FRC students came to attend the other sessions on Chairman's, fundraising, etc, and a few sat in with Mascoutah at the rookie session.

Who: *James, Sean & several others*

Impact: *~50 FRC students & coaches/mentors*



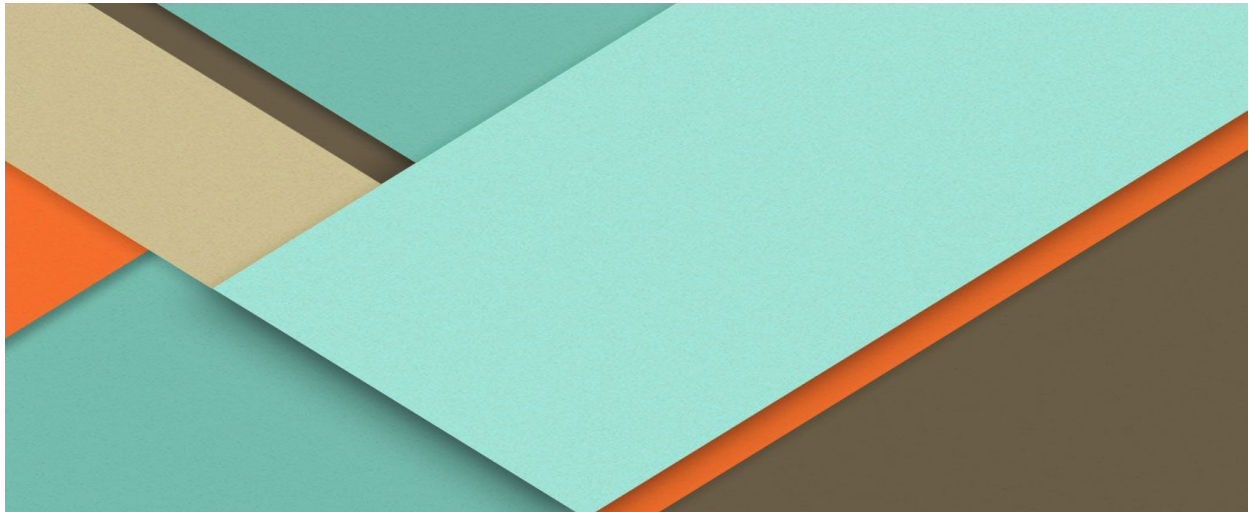
Nerinx Prep for GRC

September 15, 2018

Nerinx Hall was in a bind - their robot was taken apart, and they were having trouble getting it back together before GRC. They were thinking of backing out, but the local FRC community, including Team 4931, would not let them! We went over on a Saturday and helped them machine a few parts to start the re-assembly process. Several other local teams joined them each night throughout the following week. Their robot performed GREAT at GRC, finishing 10th!

Who: *Garrett V, Dustin, and Cole J.*

Impact: *~5 Nerinx students and mentors*



Nerinx Safety Chat

January 2, 2019

Three members of FRC6660 came by Lewis & Clark to chat with FRC4931 about safety processes and safe use of tools when building robots. Nerinx's administration and coaches wanted to make sure the girls had a good understanding of building safely and FRC4931 was happy to provide assistance.

Who: *Numerous FRC4931 students.*

Impact: *~3 Nerinx students and mentors*



2019 Deep Space Kickoff

January 5, 2019

FRC4931 helped verify contents of the KOP for several teams and then helped them load their totes. We picked up the KOP for FRC4246 (who could not attend), helped rookies Mascoutah and DUPO check their kits, and helped both FRC5060 and FRC7773 check & load their kits. We even helped FRC7773 fix a mechanical problem with their van!

Who: *Numerous FRC4931 students.*

Impact: *~30 students and coaches from other teams*



2018 Trebuchet Competition

March 23, 2018

We continued our annual support of the Trebuchet contest at Lewis & Clark Community College in Godfrey. We let students from high schools throughout the St. Louis region (both Missouri & Illinois) drive the robot and gain GREAT exposure to FIRST and FRC! This is quite the yearly event for us!

Not only did we demo our robots, but Emily was even featured in a video by local media - *The Riverbender*.

Who: Emily, Andrew, Cole S, James & Margeaux

Impact: ~80 - 100 high school students + Riverbender audience



Calhoun Elem. STEM Night

March 18, 2018

FRC4931 brought our FRC robots, FLL bots, and 3D printer for Calhoun Elementary School students to look at and drive. We also spoke about STEM - engineering, programming, and how much fun FIRST robotics is!

Who: Emily, Cole S, & Garrett S.

Impact: ~150 students, parents, and school staff



Gracious Professionalism Again

2018 Power Up - St. Louis Regional

For the third time in five years, FRC4931 again won the Gracious Professionalism Award at the St. Louis Regional. It is a thrill to receive an award voted on by our peers on other teams. Plus we love seeing all the robots we helped compete at their best and truly enjoy the fun of FIRST!

Thank You to our 2018 Madison County ROE STEM Camp Sponsors



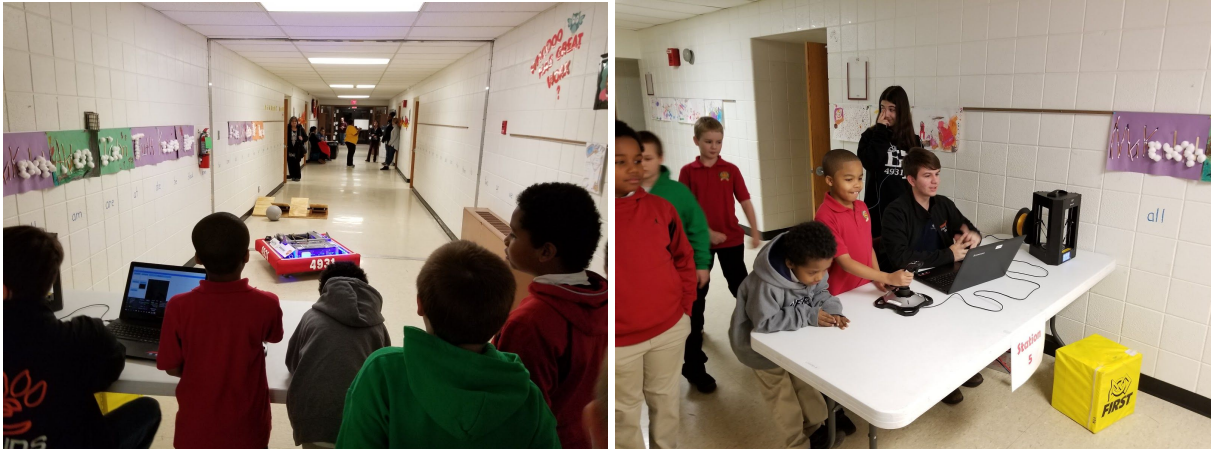
ROE STEM Camp in Troy

June 18-22, 2018

Madison County's Regional Office of Education (ROE) and Superintendent of Schools hosts "Camp Innovation" for a week in June for middle school and high school students. FRC4931 students attend and help with presentations - with Garrett Valley and Garrett Short being camp counselors this year! We also demo our robots with FRC4246. More students driving robots and learning about STEM!!

Who: Garrett S & Garrett V

Impact: ~80 elementary to middle school students



Belleville Academy STEAM Night

2019-01-25

FRC4931 brought our FRC robot Walter and 3D printer for Belleville STEM Academy students to look at and drive. We also spoke about STEM - engineering, programming, and how much fun FIRST robotics is! We will be following up with them in 2019 to help set up some STEM activities and curriculum.

Who: Cole S and Mary

Impact: ~35 elementary to middle school students & parents



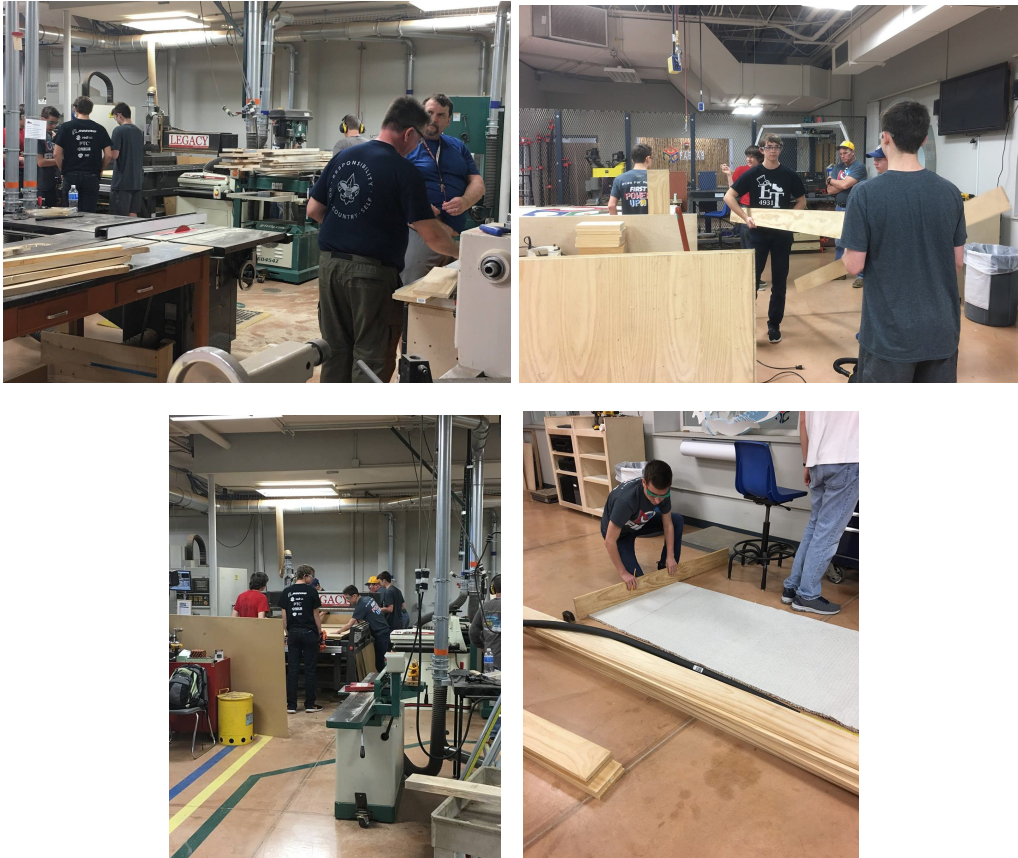
FRC4931 Open House!!

September 2018

FRC Team 4931 is starting a new season and looking for new recruits! Any high school age student in 9-12 grades (public, private, or home school) is eligible. While we are based in Edwardsville, any students in the Metro East area willing to make the trip to our meetings is welcome to join us!

Who: *Numerous FRC4931 students*

Impact: *~25 potential FRC students, parents, and others*



Andrew's Eagle Project

2018-04-14

Numerous students came to the Lewis & Clark Fabrication Lab to help our own Andrew Schalk complete his Eagle Scout project. He was building a cello holder for Edwardsville High School's Band. It was a great day of woodworking and fellowship!

Who: Andrew, Garrett V, Garrett S, Dustin, and others

Impact: ~100 EHS Band students

