

Eastern Missouri *FIRST*[®] LEGO[®] League
Qualifier 2 or 6 – St. Charles Community College
(Saturday or Sunday) November 11th or 12th 2017



We are anxious to welcome you to Saint Charles Community College and your FLL Qualifier! We hope the fun you have will encourage you to continue pursuing STEM (Science, Technology, Engineering and Math) opportunities in the future.

Please read the entire packet so that expectations are clear and things run smoothly. Please be advised that *all times are subject to change due to possible schedule changes throughout the day.*

FLL Projected Schedule

<i>Time</i>	<i>Activity</i>
8:00 AM	Registration Opens, Pits Opens for Teams
8:30 AM	Coaches' Meeting
9:00 AM	<i>Parade of Teams & Opening Ceremony</i>
9:30 AM	Judging Rounds begin and Practice Rounds begin
9:48 AM	Robot Competition Rounds begin
2:30 PM	Judging Rounds end
3:14 PM	Last Competition Rounds scheduled
3:30 PM	Closing Activities and Awards Ceremony (<i>appx. start time</i>)

How to get there

- Address: 4601 Mid Rivers Mall Drive, Cottleville, MO 63376.
- The teams will meet in the **College Center** (see attached map or link provided).
- Parking in the yellow (or blue) lot (easiest to use the SOUTHWEST entrance off Cottleville Parkway – look for the large round tin disc in front of the building!
http://www.stchas.edu/about-scc/maps_directions/campus-buildings.html
- Google map directions to Saint Charles Community College are [here](#)

When to be there

- The facility will open at 8 a.m. for teams to start unloading and setting up.
- Have a responsible adult stay with your kids at all times.

Judging and Competition Schedule Information

- Judging schedules will be available in your check-in packet.
- We will follow a multi-division format and all assignments are randomly generated.
Be advised the schedule may vary, please be flexible and gracious if things are not exact.

Judging Information

(Please discuss this with your team and with parents)

This tournament is about the achievements of the students, teamwork and sportsmanship. Gracious Professionalism is expected from all.

Our referees and judges have been trained and are professional in their attitudes and behaviors. They are, however, human and are participating in this tournament as volunteers. The ruling of a judge or referee in this tournament can be reviewed by the Head Referee or Head Judge on the day of the event but their rulings are final and will not be debated. There is no instant replay.

Judging Notes

- Please make sure you have read the Coaches handbook
<http://www.firstinspires.org/resource-library/fil/coaches-handbook>
- Review Judging Information at the FIRST website (www.firstinspires.org)
- Please pay close attention to your judging schedule and arrive at least five (5) minutes before your designated time. If you miss your time slot, you will NOT be rescheduled.
- Please thank your judges for their time.

Judging Process: A Team Perspective

Project and Robot Design can be impromptu presentations with no previously generated materials. However, your team will do better if you have a prepared presentation to cover all relevant material in the allotted time.

- All Judging times: 10 minutes/session.
- All judging takes place in classrooms.
- It is often difficult to understand a child who is chewing gum or sucking on hard candy.
- Please respect other teams by being quiet in the hallways when other teams are being judged.
- Project: 5 minutes to set up and present; 5 minutes for questions
 - Adults may carry very heavy or valuable items, but may not set up.
 - Bring/provide any equipment needed (laptop, projector, sets, costumes).
 - Set-up counts towards the 5 min. presentation.
- Robot: 4 minutes for Robot Design Executive Summary (RDES); 6 minutes for questions
 - Present RDES *if you have one*: The RDES can be as simple as walking the judges through what the robot does and why you chose to do those missions in that way.
 - Bring program printout *if you have one*.
 - The judges are oriented to the robot game, but are not experts in the minutiae of the rules. Questions about scoring, etc., should be addressed to the referees.
- Core Values: 5 minutes for exercise; 5 minutes for questions
 - Do NOT bring core values poster to the room if you made one - keep it at your Team Pit table.
 - No preparation required.
 - 5 minutes to read sheet, ask questions and carry out activity.

Awards

- There will be multiple competition divisions at an individual venue.
- Each division will have 5 awards (Championship, Robot Performance; Core Values, Project and Robot Design).
- The advancing teams from an event will be chosen by the judges as the best from all divisions. This could mean no teams advance from a venue division, though it is much more likely the advancing teams would be distributed across all divisions at the qualifier venue.
- Teams will still be evaluated on all matrix content.
- Teams will receive a feedback scoring rubric
<http://www.firstinspires.org/resource-library/fll/judging-rubrics>

Event notes

What to Bring

- **One (1) copy of your team roster** - to be turned in at check-in/Registration.
- **Copies of the Team Profile/Information Sheet** - one copy turned in during check-in.
- A plastic tub or trash bag for storing your coats and bags.
- Any tools you may need for your team's robot; tape; glue; First-Aid items
- Items to share with/give to other teams – as hand-outs (*strictly optional*).

For ANY precaution or accommodation required for your team, please notify the Tournament Director ASAP to allow for your special needs or considerations.

Food

- Our event is not considered “peanut free” but we will accommodate as much as possible.
- We request that teams do not pass out food or candy which contains nuts.
- *NO FOOD WILL BE ALLOWED in the JUDGING CLASSROOMS at SCCC.*
- At SCCC, we will have a “concession stand” onsite selling breakfast & lunch items (food & drink) for teams and audience members – a menu of items will be provided prior to the event (so you can plan for your team's lunch plan in advance). The “concession stand” will be run by an SCCC student campus organization as a fund-raiser.

Pit Table

- Each team will be provided one table and two chairs.
- Tables will be marked with assigned team numbers.
- Please no balloons, candy suckers or running during the event.
- Display your research or solution.
- *Please keep your pit area clean.*

Power Availability in the Pit

- Power will NOT be provided at the individual pit tables.
- Please make sure laptops and robots are fully charged before arriving.
- A power charging station (with surge protectors) will be available.
- Please mark all items with your team number.

Practice Facilities

- Practice tables will be available in the pits for teams to use. Please take turns.
- Please leave all mission items on the Practice table(s) – **do your best to not walk away with items.**
- Individual teams *may* bring their mat and mission objects to lay on the floor but if you bring it, *you must share and the Tournament Director must approve its placement prior to set-up – please inquire at time of Registration (or by contacting the Tournament Director ahead of time).*

Safety Notes

- Please be sure you know where your team members are and that they are behaving appropriately.
- A First Aid station will be available at the Information table.
- This event is advertised to the public. We encourage others to come and see what your students have done. FLL is growing because of your efforts and those of others. Use common sense. Don't leave valuables unattended. If something is expensive and a likely target of theft, leave it at home or keep it with you at all times. Encourage your students to do the same.
- *We are not responsible for lost or stolen items.*

Let's Celebrate!

- All team members will receive Participation ribbons at the Awards Ceremony, please plan to stay.
- Award winning teams will receive a Team Certificate. Feel free to copy for each team member.
- Teams advancing to the Eastern MO Championship (**Saturday, January 13, 2018**) will be recognized at the Awards Ceremony. Teams **MUST** accept or decline their invitation before leaving the competition (full details provided at event).

Participating Teams

Please take time to visit other teams and share each other's enthusiasm!

SATURDAY – November 11, 2017

Team Number	Team Name	School or Affiliation	Team City
947	Hannibal Gear Gals	Girl Scouts of Eastern Missouri	Hannibal
3416	Smartie Cats	Girl Scouts of Eastern Missouri	Saint Charles
5977	Super Splash Bros	Barnwell Middle School	Saint Charles
6367	FHMS Delta-Bots	FRANCIS HOWELL MIDDLE SCHOOL	Saint Charles
7448	Robot Eagles	Immanuel Lutheran Wentzville	Wentzville
8755	Cyborg Sharks	Living Word Christian School	Saint Peters
10928	The Eagles	Immanuel Lutheran	St. Charles
11949	Bobcat Builders	Blackhurst Elementary School	St. Charles
12216	Cyber Knights	Saeger Middle School	Saint Charles
12220	Fin Dovah Kriid	Saeger Middle School	Saint Charles
17038	Robombs	Living Word Christian School	Saint Peters
17039	Robo Raccoon Rockers	Living Word Christian School	Saint Peters
17541	Aqualegos	Chesterfield Montessori	Chesterfield
20206	Iron Phoenix PSE Team 1	Progress South Elementary	Saint Peters
20786	Discovery	Keysor Elementary	Saint Louis
24546	Muto Lego	Girl Scouts of Eastern Missouri	Fenton
24788	Junior Geniuses	Girl Scouts of Eastern Missouri	O Fallon
25190	FHMS Delta-Bots 2.0	FRANCIS HOWELL MIDDLE SCHOOL	Saint Charles
27365	Fruit Loops	Saeger Middle School	Saint Charles
31037	Girl Power Bots	Girl Scouts of Eastern Missouri	Saint Peters
31109	H2O GO	Private Group	Saint Louis
33128	Progress South Elementary Team Gold	Progress South Elementary	Saint Peters

SUNDAY – November 12, 2017

Team Number	Team Name	School or Affiliation	Team City
4282	MoBots	None	Ballwin
4508	Pink Programming Pandas	Girl Scouts of Eastern Missouri	Fenton
6069	Atlantian Beasts	Barnwell Middle School	Saint Charles
11528	Gadget Girls	Academy of the Sacred Heart	St. Charles
11531	Sharp Minded Stingers	Academy of the Sacred Heart	St. Charles
11532	Kings of Robotics	Academy of the Sacred Heart	St. Charles
11670	Clawz	Messiah Lutheran School	Saint Charles
13625	Roarbotz	Messiah Lutheran School	Saint Charles
18736	Sons of Chuck Norris	Neighborhood	Saint Peters
19949	The Makers!	Keysor Elementary	Saint Louis
20307	Builddogs	St. Simon the Apostle	Saint Louis
24547	Pixelated Pelicans	Girl Scouts of Eastern Missouri	Saint Louis
24556	Iron horse robotics club	Zitzman	Pacific
25155	CyberClaws	Homeschooled	Wentzville
25199	Pride Protectors	Keysor Elementary	Saint Louis
25434	Mechanized Jedi	Homeschool	Arnold
26522	Null Elementary Wildcats	Null Elementary	Saint Charles
28606	GSA GO	Gateway Science Academy of St.Louis	Saint Louis
31042	Cuckoo Bots	Girl Scouts of Eastern Missouri	Saint Peters

Campus Buildings and Room Locations

