

Liberty Qualifier Tournament Information

"Food Factor"

Saturday, November 5th, 7:30-4:15

Tournament Day Schedule

7:00 - Setup and Volunteer Check-in

- Saturday Table Delivery & Setup crew
- Judges & volunteers start arriving

7:30 - **Doors Open at Liberty Common School Gym**

- Coaches check in (Pay any fees owed, turn in Consent forms, pick up T-Shirts, Info. Packet, Practice, "Pit" Set Up)
- Judges' meeting with Head Judge in classroom near gym
- Breakfast items will be available in the early hours at the concession stand. This is a fund raiser for Liberty Common High School's robotics team.

8:10 - **Coaches Meeting with Tournament Director & Head Referee (main gym)**

8:30 - Tournament Kick Off / Opening Ceremonies

9:00 - **Judging and Robot Practice Rounds**

- Technical interviews, research project presentations, teamwork activity
- Each team will have two robot practice rounds in the morning

11:30 - Lunch

12:20 - **Competition Matches**

2:30 - Top Four Friendly Matches

3:00 - Medal Ceremony

3:15 - **Awards Ceremony[*]**

[*] May be delayed depending on judge deliberations.

Project Presentations

- Only teams indicating they have a project presentation (via TMS) will have a presentation time scheduled for them.
- Team needs to bring whatever they need for the presentation.
- Presentations should last no more than 5 minutes with an additional 5 minutes of Q&A with judges.
- Guests are welcome to observe.
- A team's schedule will allow 10 minutes between their presentation and any other activity.
- The research project presentation is one-third of a team's total score.

Technical Interview

- The technical interview will last for 10 minutes. During this time the team will be able to demonstrate their robot on one of the tables in the interview area.
- Teams should bring their robot, attachments and anything else they need to complete their missions to the technical interview with them.
- It is also beneficial to bring a laptop computer or print outs of your programs in order to discuss your software with the judges.
- The technical interview is one-third of a team's total score.

Teamwork Activity

- Teamwork & Gracious Professionalism is a fundamental component of all FIRST programs and this activity is an effort to raise the awareness and practice of Gracious Professionalism.
- All teams will have a teamwork activity during the event. The activity will not be announced ahead of time and should be kept confidential by the teams - don't want to give other teams an advantage!
- The teamwork activity will consist of a 5 minute task to be performed by the team followed by a 5 minute discussion period with the judges on "how things went". For folks familiar with Odyssey of the Mind this is similar to the "Spontaneous" event.
- Coaches of the team are welcome to observe, please limit this to two coaches.
- The teamwork activity is one-third of a team's total score.

Robot Performance

In the afternoon, there will be 3 competition matches for each team. There will be 6 competition tables set up as 3 table pairs (Table 1A/Table 1B, Table 2A/Table 2B, Table 3A/Table 3B). For round 1, the teams assigned to table pairs 1, 2, and 3 will run their robots. The tables will be reset and the teams assigned to round 2 will run their robots. Each round lasts 10 minutes and the rounds will continue to run like this continuously throughout the afternoon. Remember, a match only lasts 2 $\frac{1}{2}$ minutes and the additional time will be used for scoring review. Each team will have 30 minutes between the starts of their matches.

- Each team will receive their schedule at the beginning of the tournament and it can be downloaded on-line after Wednesday November 2nd.
- **Please note that the competition schedule may compress or expand depending on how smoothly the competition matches are running.** So please make sure you remain aware of how the competition schedule is progressing during the afternoon in order to avoid missing one of your matches.
- There will be a signal every 10 minutes for the next match to start. **If you are late for your match, you will forfeit that match.** There will be a waiting area for each team so they can arrive early and move onto the table at their appointed time. **Please show up at least 5 minutes prior to the start of your match so you can be queued up for your table.**
- The highest robot performance score of the three competition matches will be used to determine the top four finishers.
- Each of the top four finishers will take part in an additional friendly head-to-head match. These matches are for demonstration only.
- A team's robot performance must be in the top 50% in order to advance to the championship.

Advancement to Championship

Like all qualifiers, the Liberty Qualifier will advance 25% of its teams (4 teams) to the Championship event to be held December 11th at the Auraria Event Center in Denver. Some important details about advancing:

- Teams will advance based on their ranking at the event. A team's ranking is based on their project presentation, technical interview and teamwork interview. A project presentation is required to be considered for these advancement positions.
- Teams must also be in the top 50% in robot performance to advance.
- There is an additional \$75 event fee for the Championship event.
- Each advancing team will also be required to provide two event volunteers for the championship tournament.
- Advancement selection will be announced during the awards ceremony at the end of the tournament.

Awards

The following awards will be given as described in your team manual in the "Awards" section:

- Champion's Award (overall, highest honor).
- 1st Place Robot Performance
- Outstanding Robot Design
- Outstanding Research Project
- Outstanding Core Values
- Judges' Award
- Outstanding Volunteer Award*
- Outstanding Coach Award*
- Outstanding Young Adult Mentor Award*

* Each of the awards with a star will be selected from the nomination forms available at the tournament.

Announcements:

- Unprofessional behavior by any member of a team may result in disqualification of the team.
- Tournament T-shirts can be ordered on the fll.coloradofirst.org website. Cost is \$8 per shirt.
- Every competitor gets a medal at the tournament. Extra medals can be ordered on the fll.coloradofirst.org website. Cost is \$4 per medal.

What to do?

Before the tournament:

- Pay the tournament registration fee and the T-shirt fee **no later than October 30th**. This will be done using the shopping cart on fll.coloradofirst.org.
- Supply two volunteers per team to the tournament (recruit a parent or two!).

The day of the tournament:

- Start with team check-in; **turn in your Consent forms**; pick-up your team packet (T-shirts and tournament schedule)

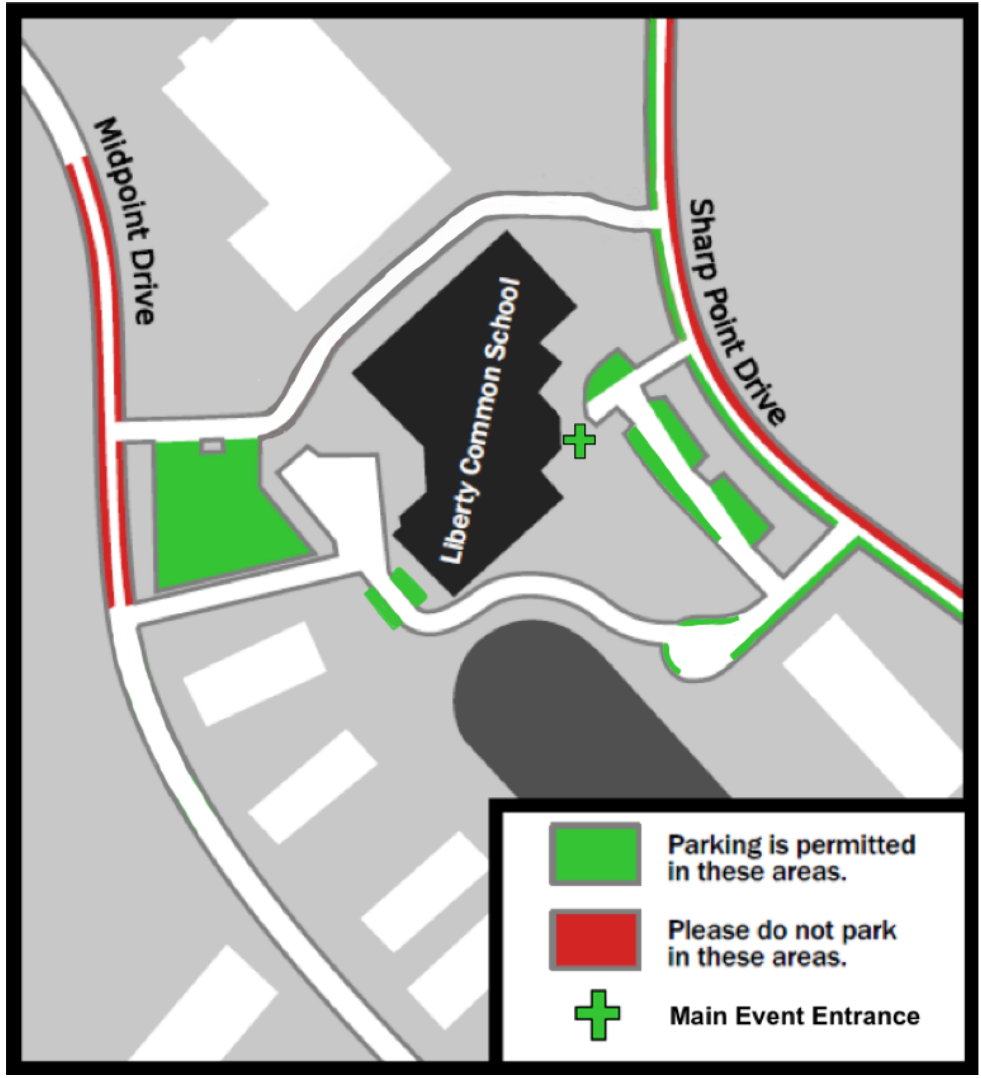
- Find your pit table. There will be a Table Assignment poster in the pit area.
- 8:10 Coaches meet with Tournament Director and Head Referee for last minute updates.
- Attend kick-off ceremony at 8:30AM
- Do technical interview, project presentation, teamwork activity, robot matches!!
- **Have Fun!**

What to Bring

- Consent forms for ALL participants (team members, coaches, mentors, etc.)
- Nomination forms (optional)
- Remember to bring your own extension cords (100 ft. or so) if needed. Power will be limited due to site constraints.

Event Map and Parking

Parking at Liberty Common School is limited so car pooling is encouraged. The map below shows where parking is allowed in and around the school.



The event will take place in and around Liberty's gymnasium. The following map will help you find your way around the event.

Liberty Qualifier Event Map

