

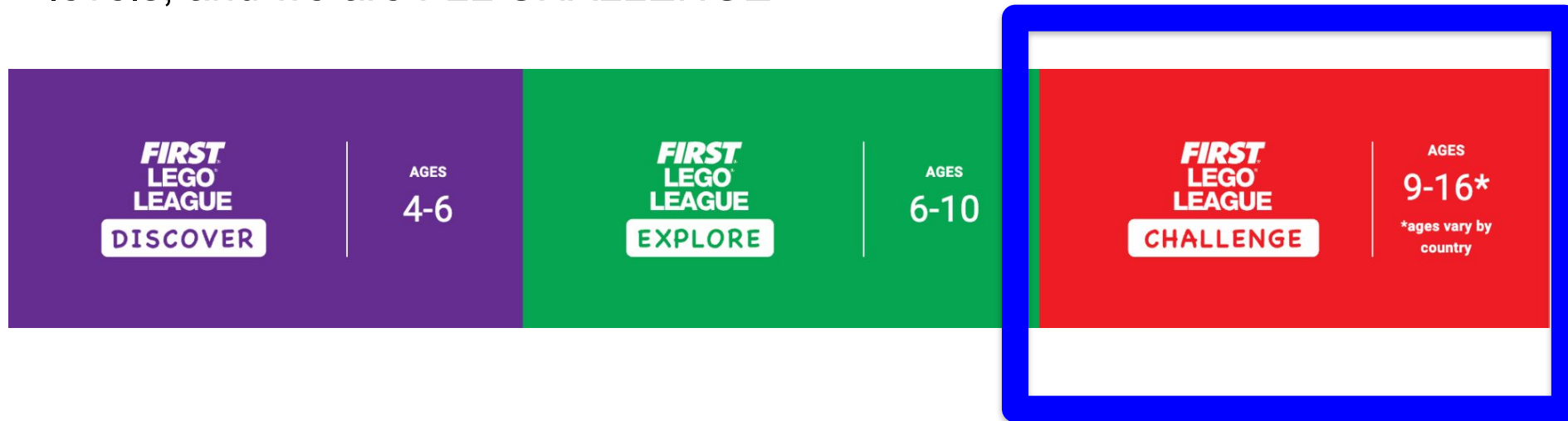
Maryland FLL Challenge and Qualifier Information

September 30, 2023



Welcome Back

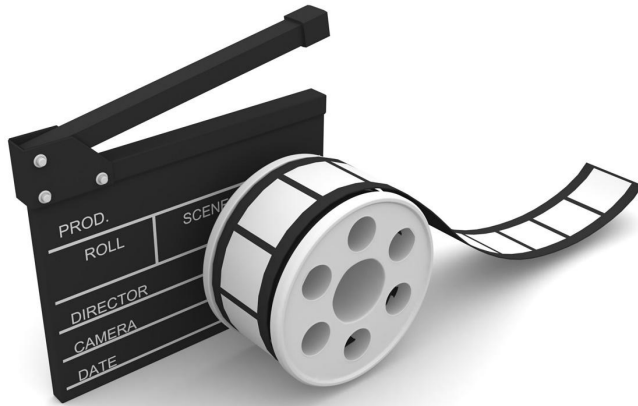
FIRST updated some branding over the last few years. FLL now has three levels, and we are FLL CHALLENGE.



FLL Challenges age range in the US is 9-14

FLL Explore in Maryland does not have a Partner at this time.

FLL Discover does not have events



Visit the
FIRST[®] LEGO[®] League
YouTube Channel
to watch the
MASTERPIECE
season launch video

Fun Facts about FLL in Maryland

Bel-air Boys and Girls club

20 Teams 2003

40 Teams 2004

UMBC

2005-2010: 60 to 200 Teams

2011-2019: up to over 350 Teams

2020-2022: ~100-200

2023 we anticipate 300 Teams



FLL Planning Committee

Operating Partner and Tournament Liaison - Rose Young

Committee Chair - Damian Doyle

Head Judge Advisor - Dave Baran

Head Referee - Joe Cunningham

State Volunteer Coordinator - Kalika White

FIRST Senior Mentor - Amber Driesman

Judge Advisors - Theresa Jahng, Rob Laura, Glenn Speights, John Mrowka, Bobby Brinkley

Head Referees - Andy Leeds, Keaton Taliaferro, Dr. Thomas Murphy, Ken Schreihofer

Communications and PR - Poulomi Banerjee

Operations and State Championship Manager- Robert Oehrli

Planning Logistics and Technology - Ken Schreihofer and Chris Moss

Partner - Dr. Jamie Gurganus

Sessions

Session topics repeat so if a room is full, please come back for Session 2, and opt for another Session 1 option!

9:00 am – 9:30 am	Maryland FLL Registration for Qualifiers Explained in ILSB 116 Rose Young– FLL Challenge Operational Partners for Maryland
9:30 am – 9:45 am	Qualifiers & Team Advancement Process Explained in ILSB 116 Dave Baran, Maryland FLL Challenge Head Judge Advisor
9:45 am – 10:30 am	Robot Game Explained in ILSB 116 <i>Head Referees Note: Referees will remain in this room for any additional questions</i>
10:45 am – 11:30 am	Session 1
11:45 pm – 12:30 pm	Session 2

What should I expect at the Qualifier?

FUN!!!!



- Each team will compete in ONE Qualifier, or Qualifying Tournament
- Same Judging, FUN, scoring, FUN, referring, FUN, team participation, core values, LOADS OF FUN, respect, learning, corporation, gracious professionalism.. FUN FUN FUN! As the State competition.
- Every Qualifier is trained to mimic the state level as close as possible



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Sample Schedule for Qualifiers and State

Example schedule



7am-8:30am Check –in and set up for teams to get into the PIT Area

8:15am Coaches Meeting

9am-12pm Judging and Practice Rounds
Combined Judging, all at once
At least one practice round in morning

12:30pm Opening Ceremony

1pm-4pm Robot Match Rounds

4:30ish Awards Ceremony



Qualifier Details

To participate in a Qualifier and State Tournament: One time
Registration Fee (Maryland) : \$90 Due: At registration

Qualifiers and State Tournament

To be assigned to a Qualifier, teams must be EVENT READY

- Two coaches YPP and Consent completed
- FIRST Registration paid

To receive entrance into the state tournament, teams must participate and be selected from the Qualifiers

Qualifier Registration:

- Your choice of top three
- Will begin no later than October 31 and close within one week.
- Assignments will be given out a week after.
- You must be able to go to the planned snow date.



Qualifiers in Maryland

Date	Snow	Name of Qualifier	City
Sun, Dec 10	Sat, Dec 16	South County Showdown	Hanover
Sat, Dec 16	Sat, Jan 13	M-NCPPC Qualifier	Fort Washington
Sat, Jan 13	Sat, Jan 20	Rockville Science Center	Rockville
Sat, Jan 13	Sun, Jan 28	Allegany	Cumberland
Sat, Jan 20	Sat, Jan 27	Roar of the Robots 1	Westminster
Sat, Jan 20	Sun, Jan 21	Montgomery County	Potomac
Sat, Jan 20	Sat, Jan 27	Eastern Shore	Salisbury
Sun, Jan 21	Sun, Jan 28	Roar of the Robots 2	Westminster
Sat, Jan 27	Sat, Feb 3	Baltimore City	Baltimore
Sun, Jan 28	TBD	McDonogh School	Owings Mills
Sat, Feb 3	Sat, Feb 10	Garrett County	Accident
Sat, Feb 3*	TBD	Anne Arundel County	Glen Burnie
Sun, Feb 4*	TBD	Frederick County	Ijamsville
Sat, Feb 10	Sat, Feb 17	Johns Hopkins APL	Laurel
Tentative*	TBD	Harford County/Baltimore County	TBD

As of 29 September, 2023. Subject to change (*).

After Your Qualifier

- Some teams from event qualifier advance to the February 24th Maryland State Tournament at UMBC
- Options for official tournaments after February
 - FRC District Championship (TBD) Apr 4-7 in Petersburg, VA
 - World Championship (1 team) Apr 17-20 in Houston, TX
 - Open/Invitational events in the US and in other countries
- Options for unofficial events
 - Team sponsored scrimmages
 - Local showcases
 - Outreach and demonstrations



State Tournament Info

Core Awards Given out at Qualifiers and State Championships

Champion's Award
Robot Design Award
Robot Performance Award
Innovation Project Award
Core values Award
Judges Choice (May be up to 2 Teams)

Amount of Awards is based on the amount of teams in each qualifier

Every Student will receive a Medal at competition

How many teams advance to States?

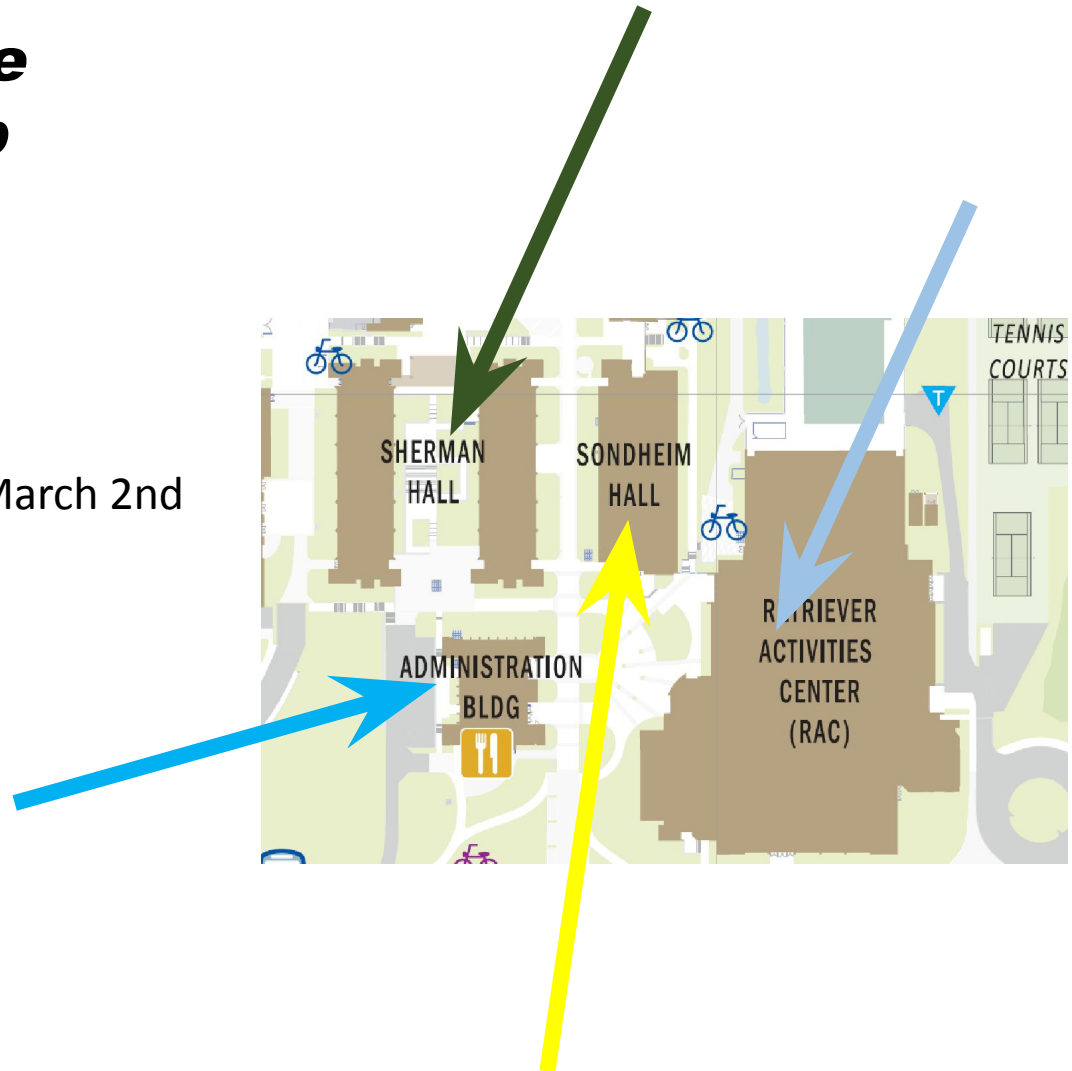
Around 20% of teams advance

Can my Team visit, even if we don't Qualify?

Of course, You may not be able to compete, but please come see the competition! It's a blast, and fun to watch.

Maryland State Championship Location

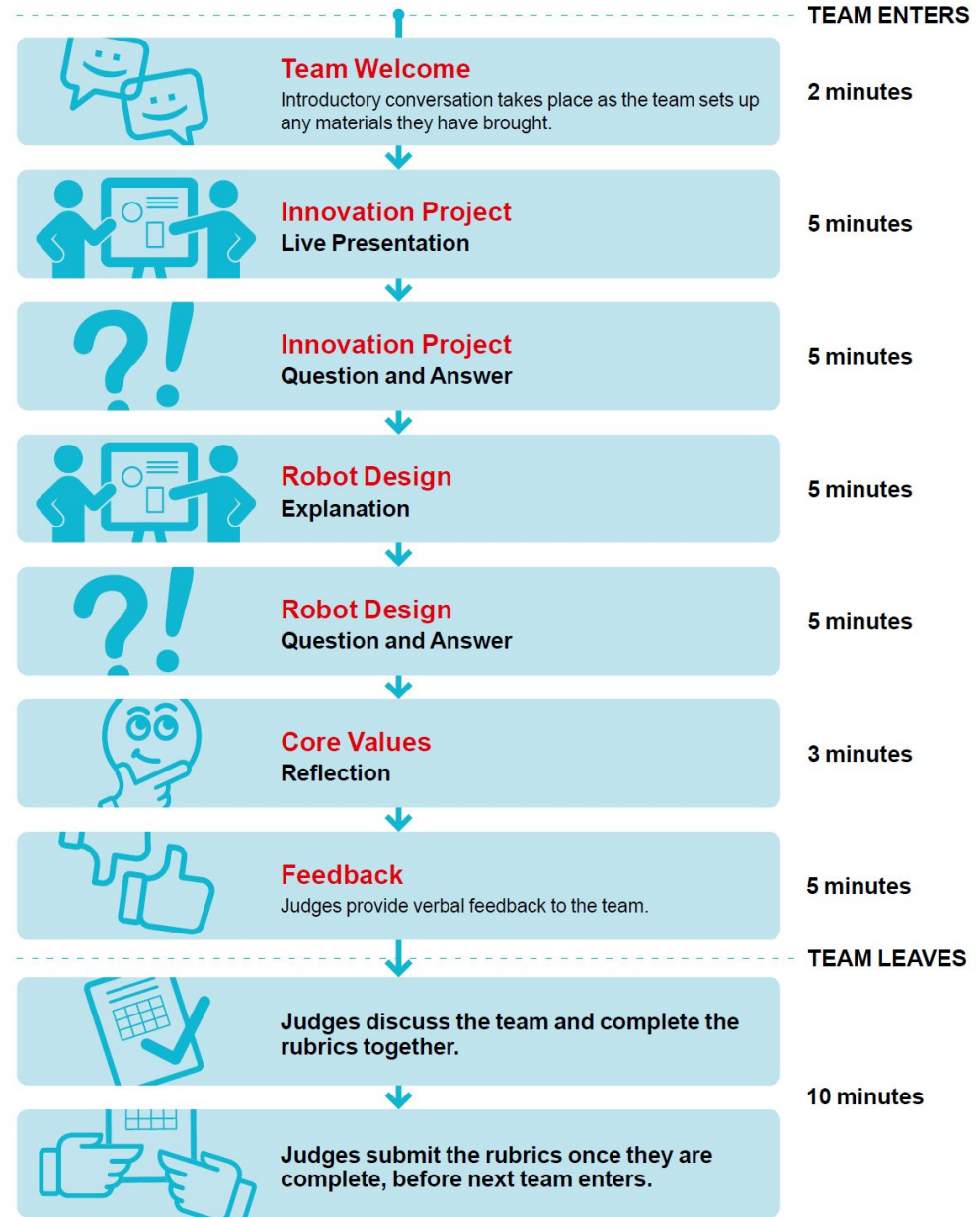
Date: February 24th, Snow Date March 2nd
Location: The RAC at UMBC



Judging Overview

- Maryland will continue to use Consolidated Judging
- Teams will spend one 30 minute session with judges
- Robot Design, Core Values and Project all covered
- Coaches are observers, not participants
- Know the Rubrics!

Judging Session



Awards

Required Awards

- Champion's Award
- Core Awards (given to equal depth)
 - Core Values
 - Innovation Project
 - Robot Design
 - Robot Performance

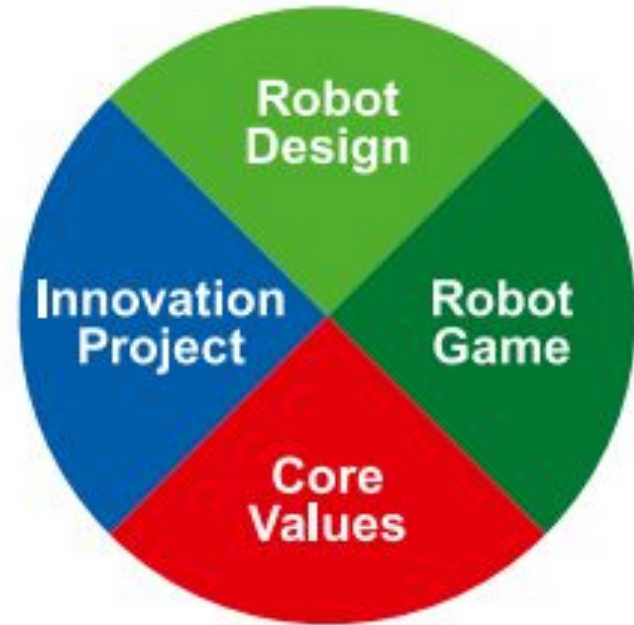
Optional Awards

- Judges Awards
 - Engineering Excellence
 - Breakthrough
 - Rising All-Star
 - Motivate
- Local Awards

- **Teams can only win 1 judged award**
- Total Awards given at a Qualifier (Required + Optional) based on number of teams attending
- Target percentage is ~40% of teams at a qualifier receive an award

Advancement

- Similar percentage of advancing teams across all qualifiers
- Criteria: Performance across all four areas
 - Robot Design
 - Core Values
 - Innovation Project
 - Robot Performance



Teams may win awards without advancing and may advance without winning Awards!

Other Great Resources



Ways to Connect and Ask Questions

Maryland Coaches Google Group
(all coaches automatically subscribed)

- No Spamming
- No Fundraising
- Anything said, remarked, and commented as inappropriate will have you removed.

Please:

- Ask questions to other teams
- Ask for technical Help about FLL
- Good conversation on ideas is allowed!

Please Make sure if you have any Mentors, Coaches etc, have them sign up by following these [instructions](#). Group name is fll_maryland_coaches-group@umbc.edu

FLL Challenge Website
[Challenge, Updates, & Resources | FIRST](#)

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