

The FIRST® Progression of Programs



FOR INSPIRATION & RECOGNITION OF SCIENCE & TECHNOLOGY

FIRST®

- For Inspiration and Recognition of Science and Technology
 - Founded in 1989 by Dean Kamen
- Four programs
 - FIRST® LEGO® League Jr (FLL Jr)
 - FIRST® LEGO® League (FLL)
 - FIRST® Tech Challenge (FTC)
 - FIRST® Robotics Competition (FRC)



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FIRST® LEGO® League Jr.

- Teams
 - 2 to 6 students, ages 6-10 (grades K-4)
 - 2 or more coaches/mentors
- Criteria
 - Motorized model using LEGO WeDo 2.0 and Inspire Set
 - Show-Me Poster
- Events
 - Participate in FLL Jr. Expos (non-competitive)





FIRST® LEGO® League

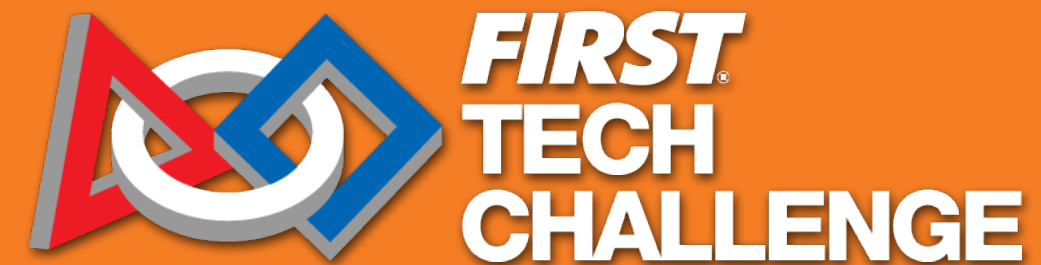
- Teams
 - 2 to 10 students, ages 9-14 (grades 4-8)
 - 2 or more coaches/mentors
- Criteria
 - Robot Design (LEGO® MINDSTORMS EV3)
 - Project
 - Core Values
- Events
 - Qualifying Events
 - Regional Championship
 - Invitationals

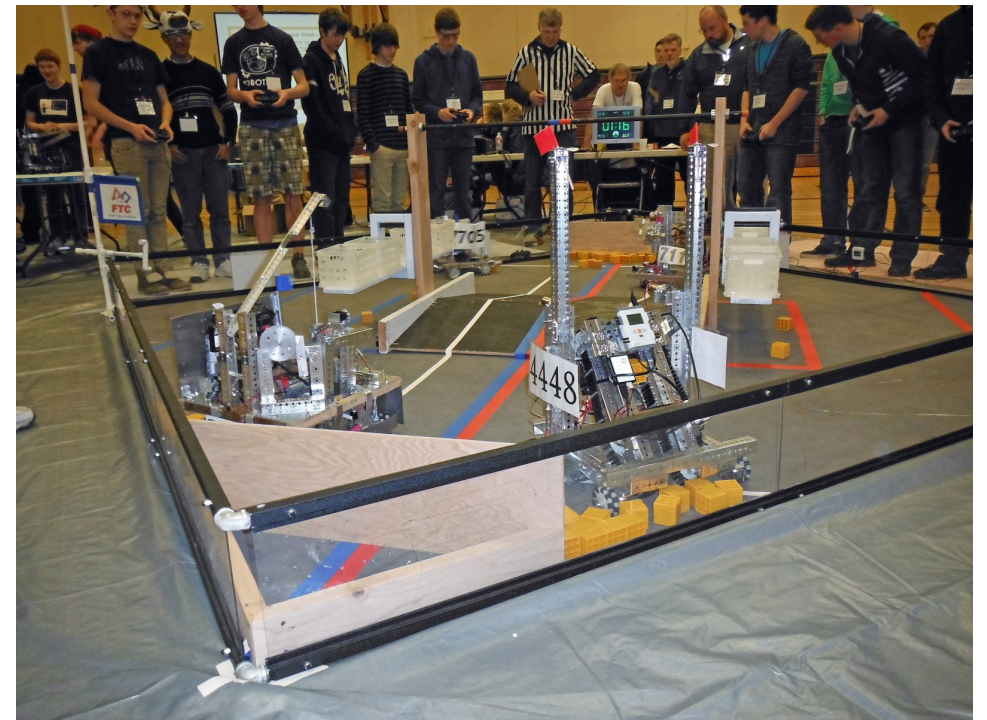
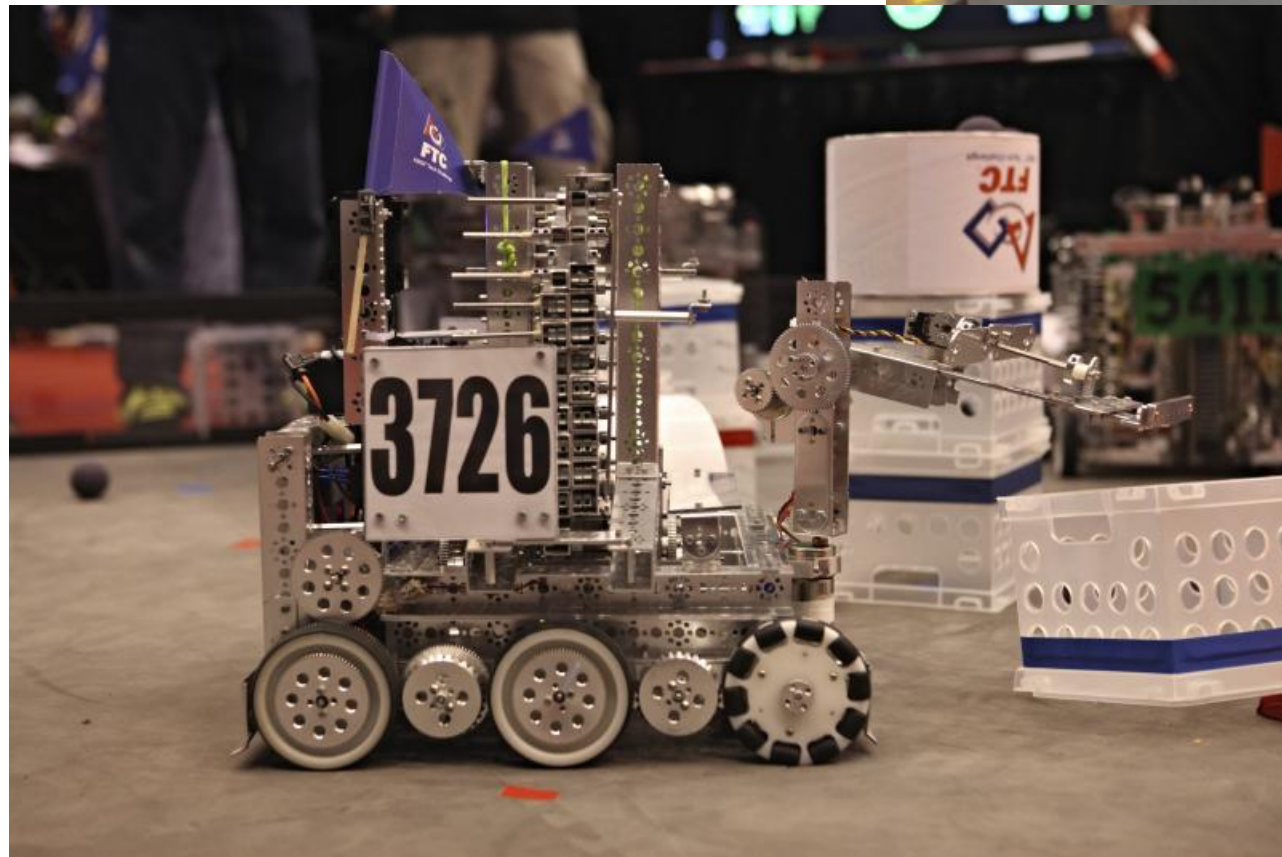




FIRST® Tech Challenge

- Teams
 - Up to 15 students, grades 7-12
 - 2 or more coaches/mentors
- Criteria
 - Build a robot (Rev Robotics and TETRIX Kits, others) to compete in head-to-head matches in 2v2 matches
 - Spread STEM in your community*
 - Be active in your community*
- Events
 - Qualifying Events (None in Alabama)
 - Regional Championships
 - World Championships



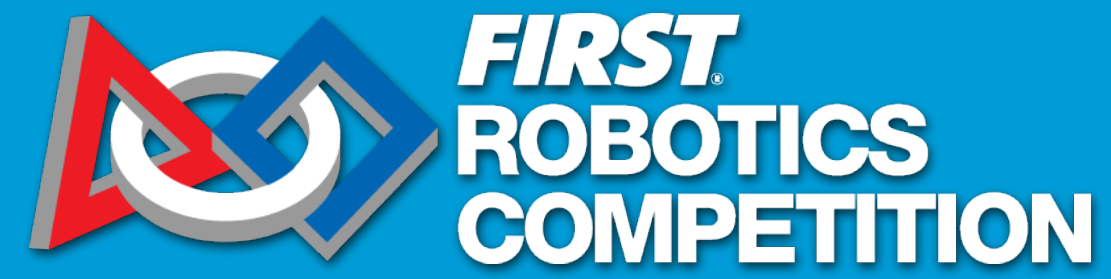


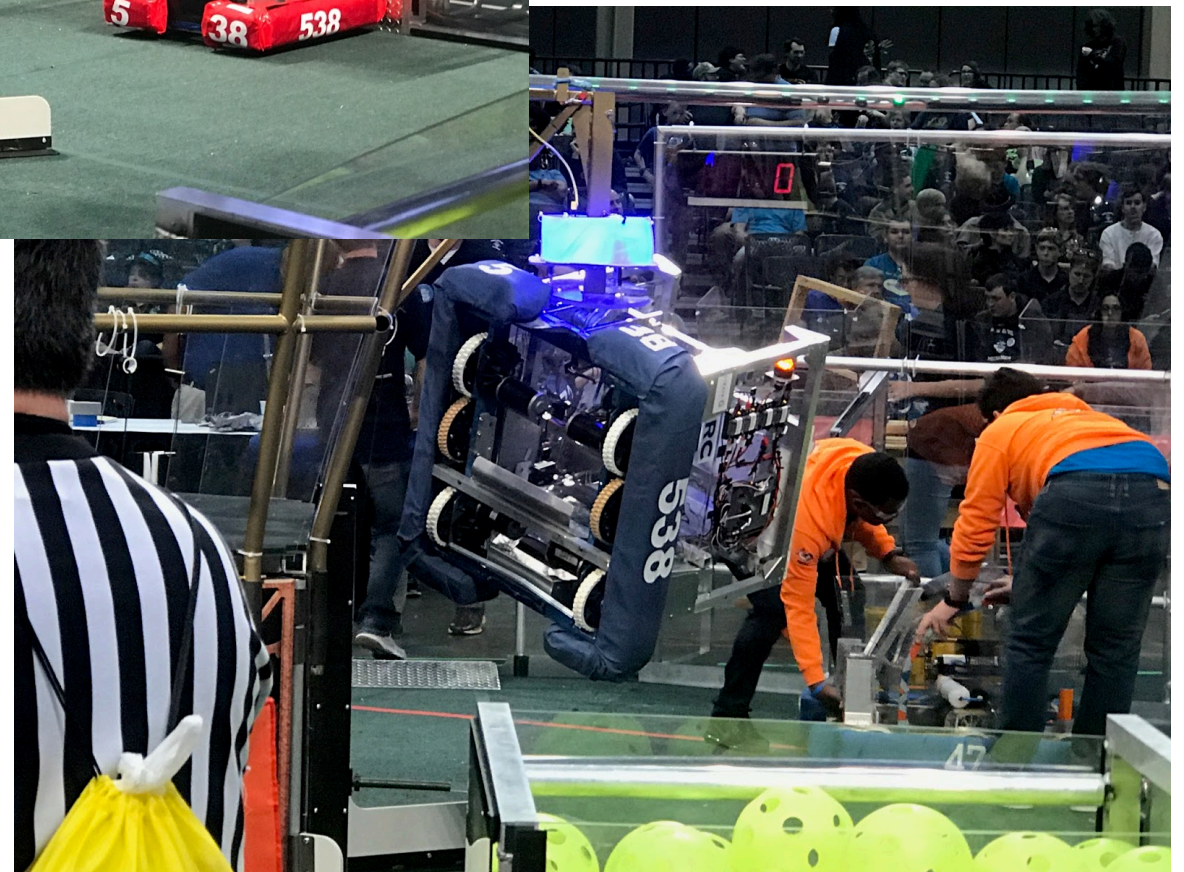
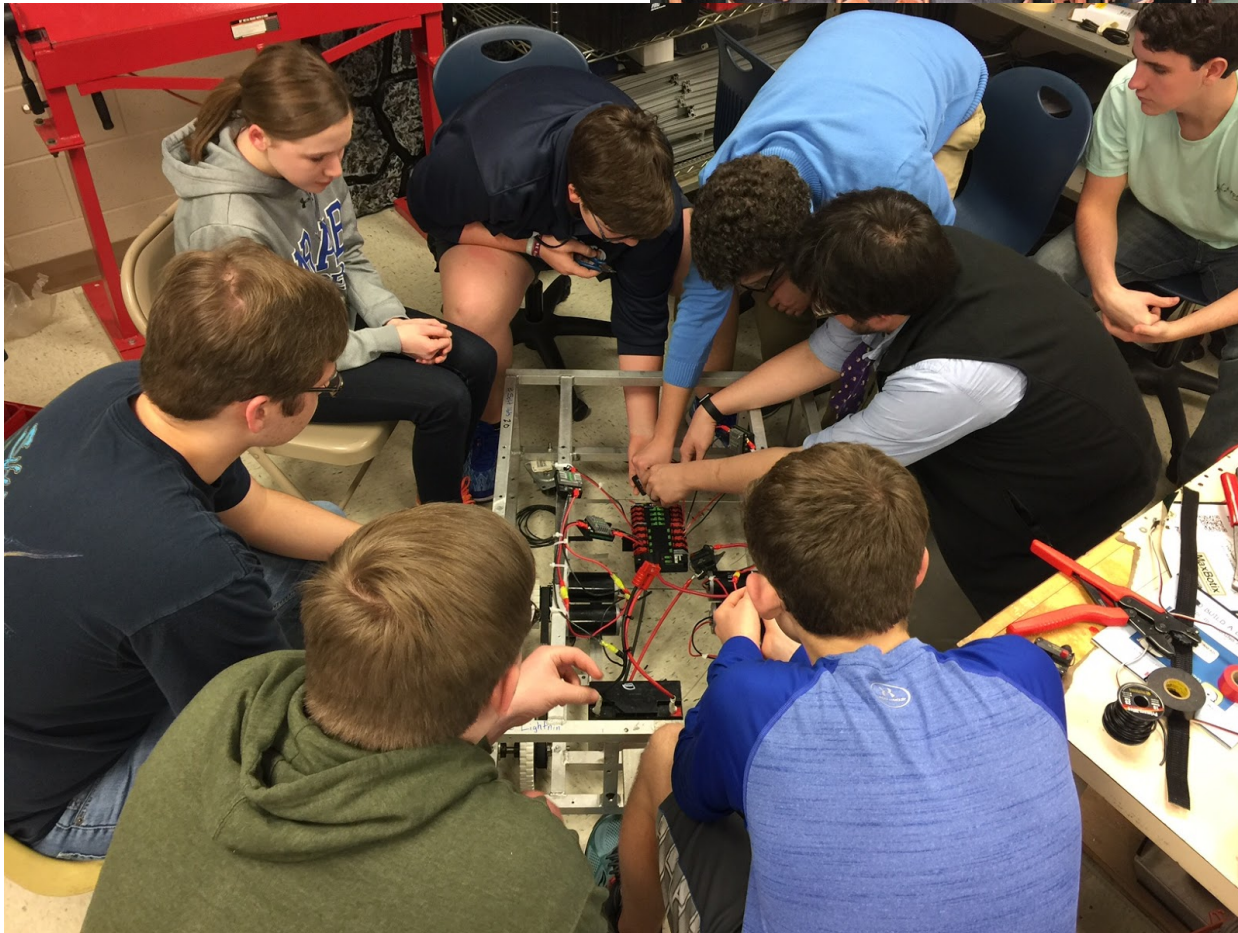
Season Timeline

	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
Registration Opens												
Pre-Season												
Kickoff												
Build and Practice Season												
Qualifying Season												
State/Regional Championships												
World Championship												

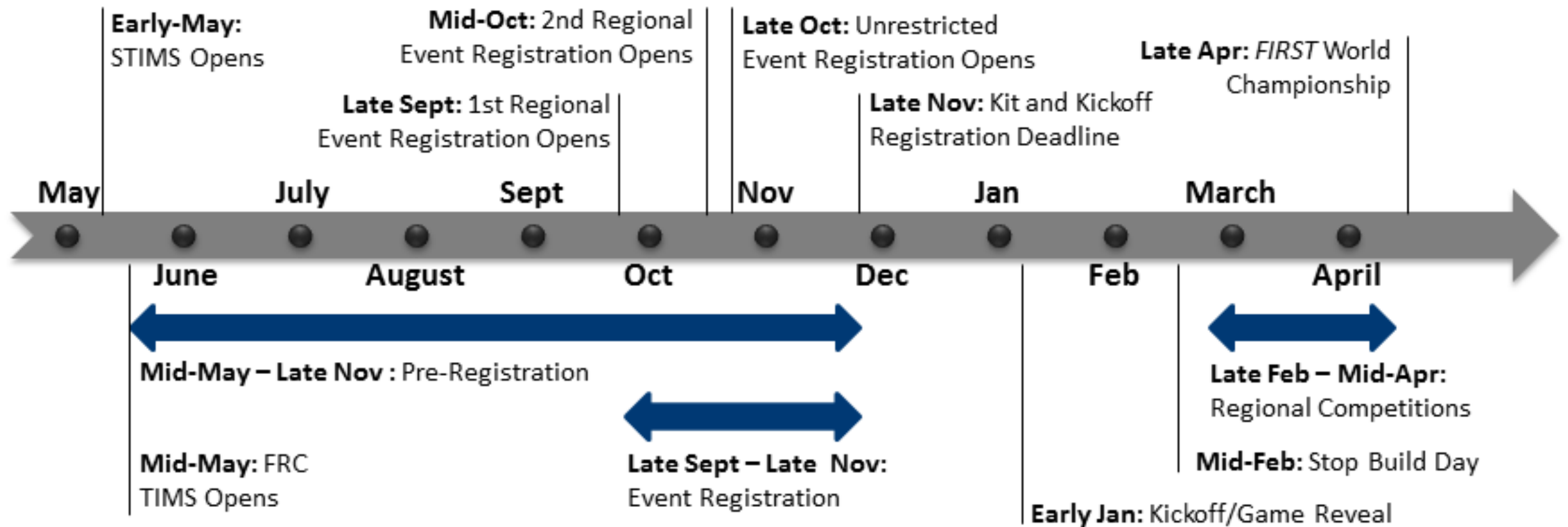
FIRST® Robotics Competition

- Teams
 - **At least** 15 students, grades 9-12
 - 2 or more coaches/mentors
- Criteria
 - Build a robot to compete in head-to-head matches in 3v3 matches
 - Spread STEM in your community*
 - Be active in your community*
- Events
 - District Events (None in Alabama)
 - Regional Events
 - World Championships





Season Timeline



Alabama Contacts

- FIRST® LEGO® League Jr.
 - Drew and Taylor Whisenant - FLL@FIRSTinAlabama.org
- FIRST® LEGO® League
 - Drew and Taylor Whisenant - FLL@FIRSTinAlabama.org
- FIRST® Tech Challenge
 - Brian Pappas - bpappas@FIRSTinAlabama.org
- FIRST® Robotics Competition
 - Dana Hobbs - dhobbs@firstinspires.org



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