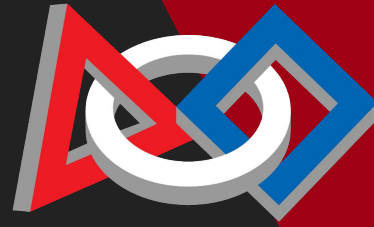




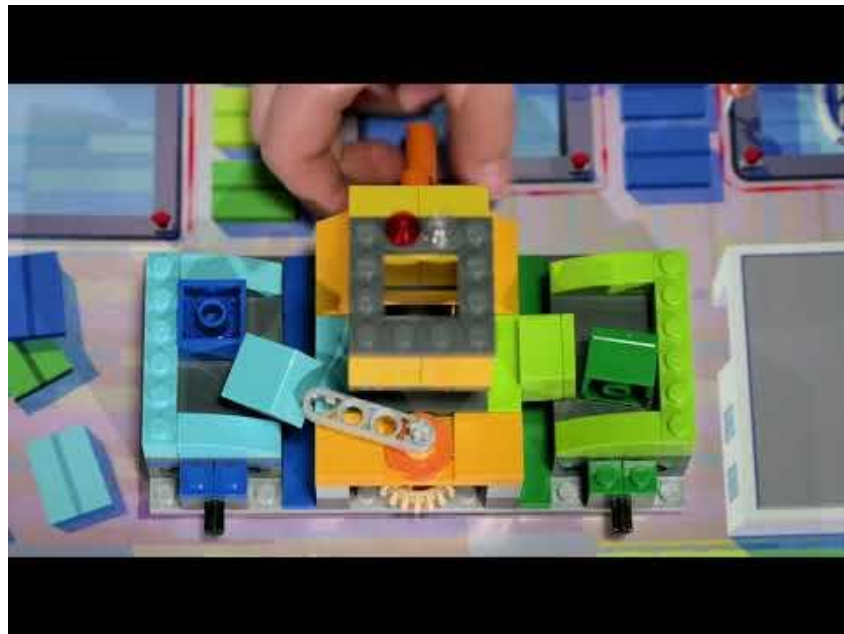
*Jr. FLL  
Program  
2021*



**FIRST  
LEGO  
LEAGUE**

**EXPLORE**

# CARGO CONNECT



# *What is Jr FLL?*

- ▶ **Show Me Poster**

Teams research the current Challenge theme, and display their findings on a Show Me Poster.

- ▶ **LEGO Model**

Using all LEGO elements, teams will design and build a model correlating with the current Challenge theme that contains both a simple machine and a motorized part.

- ▶ **Core Values**

The 6 **FLL Explore Core Values** introduce the concepts of being a team, discovery and Gracious Professionalism.

- ▶ **FLL Jr. Expos**

The culmination of the hard work for many teams is their participation in a MN FLL Explore Expo. Volunteer Reviewers will interview the teams to learn about their LEGO Model and Show Me Poster.

# Core Values

- ▶ **Discovery:** *We explore new skills and ideas.*
- ▶ **Innovation:** *We use creativity and persistence to solve problems.*
- ▶ **Impact:** *We apply what we learn to improve our world.*
- ▶ **Inclusion:** *We respect each other and embrace our differences.*
- ▶ **Teamwork:** *We are stronger when we work together.*
- ▶ **Fun:** *We enjoy and celebrate what we do!*

# *Season Details*

- ▶ Practices are once a week (Tuesday or Thursday)
- ▶ 6pm-7pm
- ▶ Prior Lake High School Commons
- ▶ Season lasts from September 14rd-November 21rd
- ▶ Tournament Expo held on November 20/21rd at PLHS. Times will determined closer to the tournament.
- ▶ No practice on the following nights:
  - ▷ October 7th (PLHS Conferences)
  - ▷ October 21th (MEA Break; School closed)
  - ▷ November 2th (Election Night)
- ▶ Cost: \$87 + \$50 deposit check, which is returned once complete kits are returned

# *Season Details (cont.)*

## ▶ We provide:

- ▶ Lego Base plate with tray
- ▶ Simple Machines kits
- ▶ Lego We Do 2.0
- ▶ Tablet for programming
- ▶ Mission model
- ▶ Engineering notebook
- ▶ Tri Fold Poster Board and some materials for design
- ▶ Storage bin
- ▶ Practice space
- ▶ KINGTeC mentors
- ▶ National registration
- ▶ Tournament Expo registration

## ▶ You provide:

- ▶ Additional elements related to poster (markers, glue, paper, etc.)
- ▶ Parent supervision and coaching at practices (2 adults at every practice divided between team participants)
- ▶ 2 hours of volunteering per participant family at tournament
- ▶ Team t-shirts, if desired

# Team Formation

- ▶ Sept 14th @ 6-8PM in PLHS Multipurpose Room
- ▶ Grades K-3
- ▶ 4-5 kids per team
- ▶ Same or adjacent grades (i.e. Not 1st with 3rd)
- ▶ 2 parent coaches (No experience necessary)
  - ▷ We are a volunteer organization, meaning this is not a drop-off program
  - ▷ If your child is disruptive, you may be asked to accompany them to every practice

# What Next?

- ▶ Register at [KINGTeC2169.com](http://KINGTeC2169.com) on the FIRST Lego League Explore page under the Progression of Programs Tab. (Will be available prior to Sept 14th.)
- ▶ Pay registration fee online (in person payment available at Team Formation night)
  - ▷ All fees must be paid before your child can be placed on a team
- ▶ Pay deposit
  - ▷ All checks can be made out to Prior Lake Robotics
  - ▷ Deposit checks will be collected at the first practice -- must be received before robots are distributed and will be returned, shredded, or donated to KING TeC (per your designation)
  - ▷ **NOTE**- You must be present at the kit turn-in night for your check to be returned (none will be mailed).

**AT LEAST ONE PARENT PER PARTICIPANT MUST ATTEND FIRST**



# Covid Policy

PLSAS Policy:

<https://www.priorlake-savage.k12.mn.us/about-us/back-to-school-safe-learning-plan>

KING TeC programs will be following the policies and rules of the PLSAS school district in regard to health and safety relating to COVID.

Our intention is to have a fully in person season from start to finish. In the event that PLHS is no longer available for the program, we are preparing alternative plans. This includes sending equipment home (LEGOs, robots, maps, tables, etc.) so the teams can continue to work on their projects. During the 2020-2021 season, High Tech Kids and FIRST made use of the video streaming chat program Discord to allow teams to communicate with each other as well as holding remote competitions. We will be working in a similar manner.

Note that in the event equipment does have to go home with the teams, we will be rolling out forms that one or more adults on the team will fill out to assume liability of the equipment until it is returned to KING TeC.

More details including the policy specifics and forms will be coming soon.

*Questions?*