



TEAM INFORMATION PACKET



2020-2021 FIRST® LEGO® League Explore Season Challenge

Welcome to PLAYMAKERS! With this year's PLAYMAKERS challenge, teams will explore the growing need to get people moving. For centuries, sports have played an integral part of our culture. It's time for us to redefine the game and revolutionize the way we play and move.

Team's will use their imagination and LEGO® Education WeDo 2.0 to design and program their PLAYMAKERS solutions. Teams will keep track of what they learn in their *Engineering Notebook*, and tell about it in a *Show Me* poster.

Registering for a FIRST® LEGO® League Explore Expo in North Texas

FLL Explore teams who wish to participate in an Expo in their local area must register for each Expo they would like to attend. There will be 15 to 30 teams participating in each Expo and registration is on a first come, first serve basis. Teams in North Texas will register online through the DFW Technology and Education Council at dfwtec.org. FLL Explore teams are allowed to register for up to two Expos during a challenge season. The registration fee for each Expo is \$50 and must be paid by mailing a check to DFW Technology and Education Council. Once teams register, they will receive a confirmation email and instructions on how to send payment.

Team Size

The maximum number of children recommended on a team is six (6). If your team has more than six (6) children and you are attending an Expo, please let FLL Explore staff know the additional number of children your team will be bringing to the Expo so the staff can make proper arrangements for your team. All youth team members must be between the ages of six (6) and (10).

Sample FLL Jr. Expo Schedule

Time	Activity
8:30 AM	Team Check-in & Pits Open
8:50 AM	Teams should be set-up and ready for Expo
9:00 AM	Opening Ceremony (Open to the Public)
9:25 AM	Team Model & <i>Show Me</i> Poster Reviewing Begins – Group #1
10:20 AM	Team Model & <i>Show Me</i> Poster Reviewing Begins – Group #2
11:15 AM	Team Model & <i>Show Me</i> Poster Reviewing Begins – Group #3
12:00 PM	Team Reviewing Ends
12:25 PM	Closing Ceremony (Open to the Public)
12:45 PM	Expo Concludes

Dress

Dress for all teams and spectators is casual. In fact, we encourage your team to adopt a fun and unique team identity, which allows others to understand something about your team, your engineering experience, or your project. Most importantly, dress comfortably and remember to **HAVE FUN!**

Expo Check-in

Team check-in begins 30 minutes before an Expo starts.

Teams are not able to check-in until their coach arrives.

Coaches must submit the following to the Team Check-in Volunteers upon arrival to the event:

Team Roster: A couple of weeks before your team's registered Expo, the FLL Explore Expo staff will email the team coach a Team Roster Form and Expo Consent and Release Form. Each coach will need to bring the completed team roster form as well as release forms for each team member and coach to the Expo and present them at check-in.

Team Pits

The Pit is where your team will spend most of its time during the Expo. This is where you will display your poster and model for public viewing and viewing by the Expo Reviewers. This is also the area where you can enjoy downtime with your team, get to know other teams, and see their posters and models.

Your team will be provided:

- One standard-sized draped table
- One FLL Explore draw string backpack with bottle of water and snacks inside for each team member

We recommend that you bring the following items to the event:

- A box or bin to carry your model to and from the Expo venue
- Your *Show Me* Poster **with team # and name** clearly displayed at top of poster and Model and any additional LEGO® pieces you may need for model repair.
- Your computer or tablet and WeDo 2.0 completely charged; bring power cords as a backup.
- Access to electricity will be limited near your pit at the Expo but there will be a charging station provided in a central location if absolutely needed.
- A bin or large bags (like trash bags) to store personal belongings, like coats, under your table.
- A team banner or other team sign – to hang from your pit table and carry for Opening & Closing Ceremonies
- Items to share with other teams (optional) – At many *FIRST*® events, teams bring something little that says something about their team that they can share with other teams (ex. A team might pass out Kiss candies with a note to remind teams about the K.I.S.S. principle, “Keep It Simple, Silly”). Or whatever else you would like to share that says something about your team, your school, your model, etc.

Some Pit Area Rules to keep in mind:

- Coaches should NEVER work on the Model.
- Teams and Coaches should behave as Gracious Professionals® when participating in team activities.

Team Model Requirements

As a *FIRST*® LEGO® League Explore team, there are certain requirements for the Team Model.

You must use only LEGO® elements - you can use LEGO bricks, minifigures, baseplates, or other elements in your Team Model. 700+ LEGO® elements are provided in the exclusive *FIRST*® LEGO® League Explore Inspire Set, which all teams receive as part of their registration. You may not use glue, paint, or any other art or craft materials.

Inspire Model - The Inspire Model must be included in the team's overall model design. The Inspire Set includes all the LEGO® elements needed to build the Inspire Model.

Motorized part - Teams must use LEGO® Education WeDo 2.0 or WeDo to build and program at least one motorized part on their Team Model. You can learn more about LEGO Education WeDo from the [LEGO Education website](#).

Your Team Model must be no bigger than 30 in. x 15 in. (76 cm x 38 cm). There is no height limit; however, your team must be able to safely move the model.

Use your imagination as you design and build. Be creative and have fun!

Opening Ceremony

At the very beginning of an Expo prior to the start of the Team Reviewing, there will be an Opening Ceremony! This is a fun celebration to officially kick off the Expo, meet the Reviewers, get special instructions, and hear about any special activities available during the Expo.

Team Reviewing

Team reviewing at the Expo begins right after Opening Ceremony. There will be three different Team Reviewing times. Each team will be assigned a 45-minute window of time (Group #1, Group #2 or Group #3) when they will be Reviewed. When your team is not being reviewed, teams are encouraged to walk around and look at other team's projects or participate in other scheduled activities provided at the Expo venue.

The following outlines what you can expect during your reviewing session:

FIRST® LEGO® League Explore teams will each get the opportunity to meet with 10 different Reviewers. Each reviewer will spend 4-5 minutes with each team. This session is an opportunity for your team to tell about all they have done during the PLAYMAKER season. Teams are not required to have a pre-planned presentation, but if they do, please make sure to inform your Reviewers of this when they come to your pit area to review your team. If you do not have a pre-planned presentation, Reviewers will use this time to ask team members questions about their Model, *Show Me* Poster, research and Core Values.

During your reviewing session, nobody from the team should stand behind the Reviewers. Coaches should be silent observers of the reviewing process and refrain from influencing the session in any way. The reviewing schedule is tight so please be sure to be at your team pit during your allotted reviewing session or your team will forfeit the session.

All cell phones (team members & coaches) must be turned off during the reviewing sessions.

Spectators

The Expo is free and open to the public.

Medals & Awards

Participant medals will be given to each individual team member that attends an Expo. In addition, there will be 10 team awards presented at each Expo. All awards are non-competitive, and teams are chosen based on what the Reviewers wish to highlight. Below is list of the award categories:

- Explore Awards
- Model Awards
- Programming Awards
- ShowMe Poster Awards
- Core Value Awards

What is Gracious Professionalism?

Gracious Professionalism is part of the ethos of *FIRST*[®]. The idea and phrase are found throughout *FIRST*[®], but no one has been a stronger champion than *FIRST* National Advisor, Woodie Flowers.

“Gracious Professionalism is a way of doing things that encourages high-quality work, emphasizes the value of others, and respects individuals and the community. With Gracious Professionalism, fierce competition and mutual gain are not separate notions. Gracious professionals learn and compete like crazy but treat one another with respect and kindness in the process.”

We expect all team members, volunteers, coaches, and families to behave as Gracious Professionals.

Event Day Check List

	Team Roster
	Model, attachments, extra parts
	Fresh batteries/spare batteries/rechargeable battery charger
	Computer/tablet and battery (if available) and power cord
	Show Me Poster with your team # and team name written on it somewhere where its visible
	Extension cord and power strip if power is provided
	Box to carry Model to Reviewing Area
	Provisions for lunch (check with Expo Organizer for options)
	Bin to hold personal and team items (coats, games, etc.) to fit under Pit table
	Team Giveaways (optional)

Questions?

For questions, please email info@dfwtec.org or visit dfwtec.org



DFW Technology
& Education Council

North Texas FIRST LEGO[®] League Explore Program Delivery Partner