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FIRST[®] LEGO[®] LEAGUE EXPLORE ADDENDUM

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FIRST[®] ENERGIZESM

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Introduction

The 2023 *FIRST*® Championship will join thousands of students for the ultimate celebration of STEM (science, technology, engineering, and math) and innovation. This 2022-2023 season, *FIRST*® ENERGIZESM powered by Qualcomm, empowers *FIRST* teams around the world to collectively reimagine a path forward and invent the future of energy. It's time to go Full Speed Ahead. Join us as we celebrate a future that's built better together at *FIRST* Championship.

Get ready to have fun and be part of something extraordinary! We can't wait to see you!

FIRST Programs

FIRST LEGO League Explore (grades K-4)

Elementary school kids are challenged to explore a STEM topic, then present what they learned with on their team journey through their team poster and a motorized LEGO team model. Sixty teams will present their findings at the *FIRST* LEGO League Explore World Festival located in **Room 320, Level 3**.

FIRST LEGO League Challenge (ages 9-16)

Friendly competition is at the heart of *FIRST* LEGO League Challenge, as teams of students ages 9-16 engage in research, problem-solving, coding and engineering – building and programming a LEGO robot that navigates the missions of the SUPERPOWERED robot game. All activities will be held in **Ballroom, Level 3** at the George R. Brown Convention Center, where you can see 108 teams work on their robots and compete. For program-specific information in Houston, see *FIRST* LEGO League Challenge Addendum.

FIRST® LEGO® League Explore

SUPERPOWEREDSM

Welcome to SUPERPOWERED! This season, the children have explored the entire energy journey. Where energy comes from to how energy is used and all the steps in between. They discovered different energy sources and energy consumers. They have identified energy problems in their own community.

Team Check-in

Date: Thursday, April 20th

Time: Starting at 10:00 am

Location: George R. Brown Convention Center, Floor 3, Room 320

Teams will be able to print their badges at the registration desk at the George R. Brown Center. The Main Contact listed on the registration should receive an email containing a bar code one week prior to the event. The Main Contact can scan the barcode in the email or search for their team by team number/name.

After receiving your team's badges, please proceed to the festival space (located in **Room 320 Ballroom A, Level 3**) and head to the Pit Admin table to check-in your team and receive your assigned Pit Space and



detailed information about the event. Please make sure that team members are accompanied by an adult at all times.

Coaches' Meeting

Date: Thursday, April 20th

Time: 3:30 pm – 4:00 pm

Location: George R. Brown Convention Center, Level 3, Room 320

Make sure that at least one of your team's coaches is on-site and available to attend the Coaches' Meeting. This is your opportunity to hear about important procedures and timelines, and it gives you the opportunity to ask questions. You will receive your team's assigned reviewing time during this time. Don't miss this important meeting!

Load-in/Setup

Teams will be asked to load-in and setup models and "Team Pit Space" between the hours of 10:00 am and 2:00 pm on Thursday, April 20th.

Number of Team Members

FIRST LEGO League Explore teams comprise of 2-6 kids, ages 6-10. Teams may not have more than 6 members. Up to 6 medals will be given to each team.

Explore Festival and Reviewing

Date: Friday, April 22

Time: 9:00-3:00 pm

Location: George R. Brown Convention Center, Level 3, Rooms 320 and 330

Team Pits

Your team will be assigned one table 6' x 2.5' (183 cm x 76 cm) with a small area in front of your table. This will be your team's space at World Festival. There will *not* be a structure behind your table to hang banners. Please plan to hang banners in front of your table.

You may decorate it in a way to showcase your country, your state, your project, and your unique and fun team identity. We encourage you to be creative, but please consider the following limitations and restrictions:

- For safety reasons, your decorations must remain within this space.
- Power will not be provided at your team's pit space. Charging stations will be available and assigned to your team during the event. We strongly encourage teams charge all electronics prior to arrival and bring all electronics with them at the end of each day.



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Reviewing

Your team will be assigned a reviewing time on Friday. Your team's assignment will be given at the Coaches' Meeting. Team queuers will assist your team with getting to the reviewing space on time. You will be asked to bring your team model and any other materials you wish the Reviewers to see. Carts will be provided for team models if needed. During reviewing, your team will have 15 minutes to share about their work to the reviewers. They will also ask your team some questions.

FIRST LEGO League Explore Awards Ceremony

Date: Saturday, April 22

Time: 12:00 pm - 12:45 pm

Location: General Assembly

We encourage all teams to attend the Explore Awards Ceremony – trophies will be presented, and we'll celebrate teams' accomplishments from the event.

The *FIRST* LEGO League Explore and Challenge combined ceremony will take place from 1:00pm to 2:00pm.