



FLL 2020/2021 Briefing

FIRST
LEGO
LEAGUE JR.

FIRST
LEGO
LEAGUE

FIRST
TECH
CHALLENGE

FIRST
ROBOTICS
COMPETITION

FLL 2020/2021 Briefing Agenda

- What does this year look like?
- Reduced Registration Fees
- What should we be doing this fall?
 - Open discussion

What does this year look like?

As of right now.

- Fully remote events this season
 - Late Feb thru April 2021
 - Remote judging
- Tournament Structure
 - Approximately 20-30% of teams advance to the next level
- Eastern and Western Championships
- World Festival Mid-July in Houston

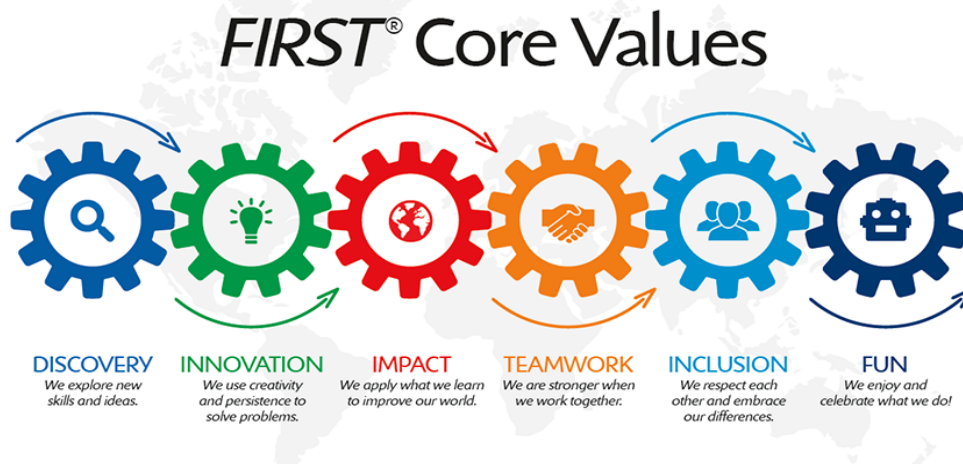
Reduced registration fees for 20/21

- We are reducing the registration fees for this year
 - Details to be announced about Sept 15th
 - Registration open until Jan 15th

What should we be doing this fall?

- Fall of 2020
 - Remote workshops
 - Experiment with Virtual Pits
- How to work with teams remotely
 - Ideas?

FIRST Core Values



Why Focus On Core Values?

- Teamwork
- Empowerment
- How to Fail (and Start Again)
- Think Outside the Box
- Confidence
- The Importance of Goals
- How to Win and Lose Graciously

How To Teach/Practice Core Values Remotely:

- Start with a Game
- Check-In
- Assign Tasks
- Everyone Heard
- Acknowledge/Advice

INNOVATION PROJECT



- Identify a specific problem linked to people not being active enough.
 - Research your problem and your solution ideas.
 - Design a new piece of **technology** or improve an existing one.
 - Share your solution, collect feedback and **iterate** on your design.
 - Pitch your solution at an event.
- Team brainstorming/ online collaboration
 - Research from multiple resources: books, articles, videos, experts, surveys
 - Build multiple prototypes/iterate
 - Follow the scientific method
 - Document everything!
 - Be creative with the presentation
 - Practice, practice, practice!

ROBOT GAME & ROBOT DESIGN

in a safe environment

- Defining Your Safe Environment
- Keeping Equipment Clean
- Building Mission Models
- Understanding the Game Rules
- Designing and Building a Robot
- Programming Missions
- Practicing Missions
- Preparing for a Tournament

- Practice recording missions under pressure of a clock
- Record design executive summary presentation for judging.
- Practice and revise until it works.
- Consider tracking the rubric.

Resources

- First Inspires FLL Guidance for COVID-19 Interruptions:
<https://www.firstinspires.org/sites/default/files/uploads/covid/fl/fl-guidance-for-covid-interruptions.pdf>
- Gracious Professionalism Check-In:
https://www.firstinspires.org/sites/default/files/uploads/resource_library/educators/firstathome/2020/gp-checkin.pdf
- FLL Tutorials:
<https://flltutorials.com/en/CoreValues.html>
- How to Develop Students' Holistic Skills Through *First* Core Values During Distance Learning (Libby Simpson):
<https://www.firstinspires.org/community/inspire/develop-students-holistic-skills-during-distance-learning>
- FLL Share and Learn FB page:
<https://www.facebook.com/groups/FLLShareandLearn/>
- Game Changers Inspirational Season Resources
https://cf-ts.mythinkscape.com/ckeditor/Game_Changers_Inspirational_Season_Resources.docx