



# First LEGO League: The Unofficial Guide

*James Floyd Kelly, Jonathan Daudelin*

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FIRST LEGO League (FLL) is an international program for kids ages 9 to 14 that combines a hands-on, interactive robotics program and research presentation with a sports-like atmosphere. Authors James Floyd Kelly and Jonathan Daudelin-both participants in numerous FIRST LEGO League competitions-have teamed up to bring coaches, teachers, parents, and students an all-in-one guide to FLL.

Written for both rookie and experienced teams, *FIRST LEGO League: The Unofficial Guide* includes in-depth coverage of topics like team formation and organization, robot building and programming, and the basics of getting involved with FLL. Before the authors delve into the specifics of robot and team building, they reveal the fascinating history of the FIRST organization and the sometimes puzzling structure of the FLL competition. Using a combination of real-life stories and candid commentary from actual FLL teams, as well as recollections of their own experiences, they offer an abundance of helpful guidance and dependable building and programming examples.

*FIRST LEGO League: The Unofficial Guide* explores the complex workings and structure of the FLL competition, including its four key components: Robot Game, Technical Interview, Project, and Teamwork. You'll learn how to:

- Organize, recruit, and manage a team
- Find equipment, mentors, and funding
- Design, build, and program winning robots
- Tackle each of the four FLL components-from Robot Game to Teamwork
- Use strategies and techniques from FLL masters to increase your scores

No matter what your role in the FLL competition, *FIRST LEGO League: The Unofficial Guide* will make you a better competitor, builder, designer, and team member. The only ingredient you need to add is your competitive spirit!

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