



The **FIRST**® LEGO® League: 2014 CHALLENGE

"This Challenge is a fantastic opportunity for teams to take ownership of a project, take ownership of the competition, and really give their own input. I see it with so many teams – the glow in their eyes is really just magical."

Søren Thomsen

Head of Educational Concept Development

LEGO® Education

"This topic is in teams' soup – it's right in the middle of their life. We older folk need help getting our act together so we can get out of their way, so they can learn what they need to learn in order to be successful."

Dr. Woodie Flowers

Pappalardo Professor Emeritus of Mechanical Engineering

Massachusetts Institute of Technology

"Kids will understand that learning can happen at any moment of any day and can happen between any two people. Education is literally the key to unlocking every other problem in the world. If you can teach people how to do things, they can improve their lives. They can improve other lives. Everything gets better."

David Yourdon

Adaptive Instruction Manager
Knewton



What is the future of learning?

FIRST® LEGO® League (FLL®) teams will find the answers. In the 2014 FLL WORLD CLASSSM Challenge, over 267,200 children ages 9 to 14* from approximately 80 countries will redesign how we gather knowledge and skills in the 21st century. Teams will teach adults about the ways that kids need and want to learn. Get ready for a whole new class – FLL WORLD CLASS!

*9-16 outside North America



FLL WORLD CLASS Missions Include:

- Push a lever to open a door to learning
- Complete a sports-based task
- Move an idea outside the box
- Rotate models to adapt
- Load a model with knowledge and skill loops
- Reverse engineer a unique structure

FLL teams will:

- Choose a topic they are passionate about and have always wanted to learn.
- Create an innovative solution that improves the learning experience.
- Share their solutions with others.
- Build, test, and program an autonomous robot using a LEGO MINDSTORMS® set to solve missions on an obstacle course.

Get Involved!

Join or start a team in your area



Sponsor a team, event, or local *FIRST* program



Become a team Mentor or Coach



Volunteer to fill over 100 roles

For information about *FIRST*® in your area:

WWW.USFIRST.ORG/CONTACTUS
603-666-3906



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