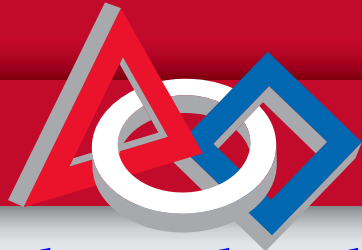




FIRST® LEGO® League: 2015 CHALLENGE



2nd Annual South Valley Robotics Qualifier Tournament

hosted by

proyouth

sponsored by

Visalia Unified School District

Innovate Tulare/Kings Buckman-Mitchell, Inc.

**Saturday, November 14th
8 AM to 6 PM**

**International Agri-Center
4500 S Laspina St
Tulare, CA 93274**

Free admission

Local students, age 9-14 years old, have been working approximately 8 weeks both in and out of school in a robotics program designed to engage children in science and technology — and teach them valuable employment and life skills. Teams of up to 10 kids program an autonomous robot (using a LEGO MINDSTORMS® robot set) to score points on a thematic playing surface, create an innovative solution to a problem as part of their Project, all while guided by the FLL Core Values. These three elements – the Robot Game, Project, and FLL Core Values - make up what we call our yearly Challenge.



We're not talking trash – we're cleaning it up! In the 2015 FIRST LEGO League TRASH TREKSM Challenge, more than 230,000 children, ages 9 to 16⁺ from over 80 countries will explore the fascinating world of trash. From collection, to sorting, to smart production and reuse, there is more to your trash than meets the eye. Join FIRST LEGO League teams on a TRASH TREK to discover the hidden (or not so hidden) world of trash!

**Ages vary by country*

TRASH TREK
Missions include:

- Demolish a building and salvage valuable materials from the debris
- Convert organic material into fertilizer
- Reuse methane produced in a landfill to power a truck and/or factory
- Clean up plastic bags jamming equipment and threatening animals' safety
- Reuse packaging from a toy plane as a flower box
- Fix a car by installing a new engine or prepare a car to be sold for scrap



Teams will:

- Choose a topic they are passionate about and have always wanted to learn.
- Create an innovative solution that makes less trash or improves the way people handle the trash we make.
- 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.CVROBOTICS.ORG

OR

CONTACT@CVROBOTICS.ORG

559-325-4461



FOR INSPIRATION AND RECOGNITION OF SCIENCE AND TECHNOLOGY

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