



# ORTOP Jr.FLL PROGRAM OVERVIEW



## Mission

To open doors to the worlds of science and technology for Oregon's youth, and encouraging those who might not otherwise participate because of their ethnicity, race, gender, or socio-economic status.

## Junior *FIRST*® LEGO® League

- **Inspires** children, ages 6-9, to participate in science and technology.
- **Engages** kids in meaningful, hands-on experimentation.
- **Provides** an opportunity for fun family activity.
- **Encourages** a culture of sharing and learning from others.
- **Teaches** children to experiment and overcome obstacles.
- **Builds** self-esteem and confidence.
- **Prepares** children to transition to *FIRST* LEGO League



## Jr.FLL Children

- **Participate** as a team of up to 6 youngsters.
- **Design and Construct** a model using LEGO bricks and moving parts that coordinates with the annual FLL theme.
- **Introduces** kids to beginning programming as an option.
- **Present** their research journey on a poster.
- **Learn** teamwork skills.
- **Build** self-confidence, knowledge and life skills

## Oregon Robotics Tournament and Outreach Program

- **Involved** over 400 children on 80 Jr.FLL teams in 2010.
- **Partners** with schools, youth organizations and community organizations to encourage Jr.FLL team formation.
- **Awards** participation scholarships to Title 1 elementary schools.
- **Rewards** teams with medallions for all participants.
- **Holds** an annual Expo at OMSI in spring to celebrate and share Jr.FLL projects.



## For Inspiration and Recognition of Science and Technology (*FIRST*)

*FIRST*® and the LEGO® Company created Junior *FIRST* LEGO League based on their common belief that fun and learning go hand in hand, and that an inspired mind can accomplish anything it sets out to do.