2017 Oregon Robotics Tournament & Outreach Program
FIRST® LEGO ®League Qualifying Tournament Awards

The following describes the categories of awards that can be awarded at the *FIRST* LEGO League Qualifying Tournaments. The number of awards at each Tournament is proportional to the number of teams competing in that tournament.

Overall Team Performance Awards

The Champion's Award is the most prestigious of the awards. It encompasses all aspects of the Robot Design, Project, and Core Values Awards and requires the team to rank in the top 40% of the Robot Performance scores at the event.

The Rising Star Award is given to a team comprised of young and/or rookie team members who the judges notice and expect great things from in the future. The Rising Star award does not automatically advance a team to the state championship. It will only be awarded at larger qualifying events.

Category Performance Awards

Robot Design Award is given to the team that demonstrates overall outstanding achievement in all of the following areas:

Mechanical Design - team designs and develops a mechanically sound robot that is durable, efficient and highly capable of performing challenge missions.

Programming - team utilizes outstanding programming principles, including clear, concise and reusable code that allows their robot to perform challenge missions autonomously and consistently.

Strategy & Innovation – team uses solid engineering practices and a well developed strategy to design and build an innovative, high performing robot.

Project Award is given to the team that demonstrates overall outstanding achievement in all of the following areas:

Research – team that utilizes diverse resources to formulate an in-depth and comprehensive understanding of the problem they have identified.

Innovative Solution – team's solution that is exceptionally well-considered and creative, with good potential to solve the problem researched.

Presentation- team that effectively communicates the problem they have identified and their proposed solution to both judges and other potential supporters.

Core Values Award is given to the team that demonstrates overall outstanding achievement in all of the following areas:

Inspiration – team that is empowered by their FIRST LEGO League experience and displays extraordinary enthusiasm and spirit

Teamwork – team that is able to accomplish more together than they could as individuals through shared goals, strong communication, effective problem solving, and excellent time management.

Gracious Professionalism™ - team that shows each other and other teams respect at all times. They recognize that both friendly competition and mutual gain are possible, on and off the playing field.

Robot Performance Award is given to the team that scored the highest number of points during the Robot Game. Teams have a chance to compete in at least three 2.5 minute matches and their highest score counts.

Advancement to Championship Event (ACE)

The top teams demonstrating balanced high performance in all three judging areas and ranking in the top 75% of Robot Performance scores are invited to compete in a state championship event. They will receive an **ACE** (Advancement to Championship Event) trophy signifying their achievement and invitation. The number of advancement slots is proportional to the number of teams registered for a qualifying tournament.

- ACE teams will compete at a Championship at Liberty High School, Hillsboro, Oregon on January 13th or 14th, 2018.
- Teams can win only one award, the most prestigious for which they are eligible. Robot Performance is an exception to this rule and can be won in conjunction with another award.
- An ACE represents an invitation and is not an award. It does not preclude a team from winning an award.
- A team members must compete in all events to be eligible for any award.
- Awards are influenced by *FIRST* LEGO League Core Value Observations. Teams may be promoted or demoted within the award ranks.