

The New 25% Rule - This document is intended for Partners and Judges

FIRST® LEGO® League teams are evaluated in four Core Awards:

Three Judged Core Awards:

Innovation Project, Core Values, Robot Design

Each Judged Core Award is comprised of three sub awards (Expanded Award Process)

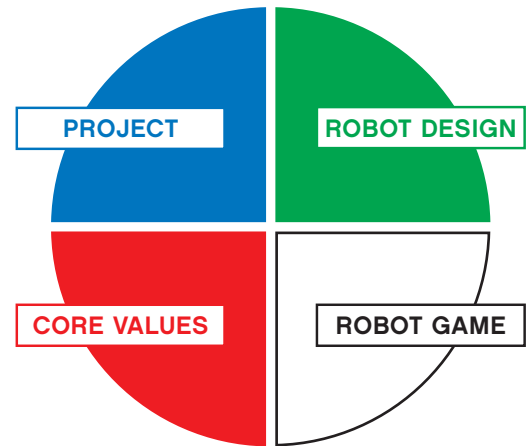
One Robot Performance Core Award:

Robot Game Score is based on one robot game at the event

There are no sub awards for the Robot Performance Award

The four core awards are equally weighted and determine the Champion's Award and Advancement

The following calculation must be used to equally weight each Core Award 25%.



$$\begin{array}{c} \text{PROJECT} \\ \text{ROOM RANK} \end{array} + \begin{array}{c} \text{CORE VALUES} \\ \text{ROOM RANK} \end{array} + \begin{array}{c} \text{ROBOT DESIGN} \\ \text{ROOM RANK} \end{array} + \begin{array}{c} \text{ROBOT GAME RANK} \\ \text{number of judging} \\ \text{rooms for each} \\ \text{Judged Core Award} \end{array} = \text{SCORE}$$

Step 1: Whether there are multiple judging rooms or a single room, for each Judged Core Award: **teams are ranked within their room.**

NOTE: Any event that uses the Expanded Award Structure should rank each team only in the overall Judged Core Award, not each sub-Award.

Step 2: There is a single **Robot Game**; every **team's single, highest score is used to rank all teams.**

Step 3: To equalize the Robot Game ranking with the Judged Core Award room(s) ranking, the **Robot Game rank must be divided by the number of judging rooms for each Judged Core Award; now each Core Award is equally weighted 25%.**

The Champion's Award Ranking is used for final award determination and advancement.

Judging Lite and Lites than Lite are tools provided by FIRST®. They calculate each team's score when you enter the core award ranking information.

Sample 24 teams, 2 judging rooms per Judged Core Award

Team Name	Judging Room	Project Room Rank	Core Value Room Rank	Robot Design Room Rank	Robot Game Rank	Champion's Award Score	Champion's Award Rank
LEGO Girls	A	1	5	2	1	9	1
St_EV_3	B	1	1	4	5	11	2
Wrobotiers	A	4	3	4	3	14	3
Fuzzy Logic	B	5	7	1	4	17	4
...							
Robotix	B	12	11	11	12	46	24

FIRST® LEGO® League is the result of an exciting alliance between FIRST® and the LEGO® Group.

