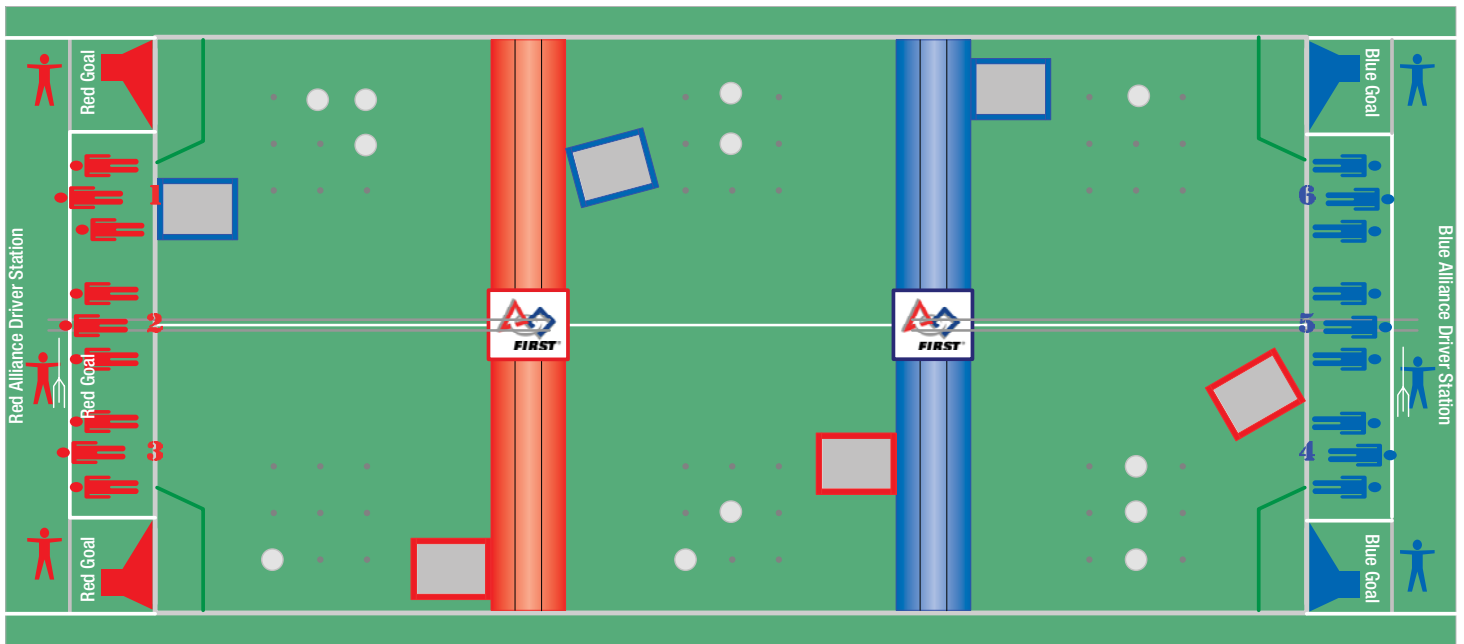




FIRST® Robotics Competition

# THE 2010 GAME

## Description and Scoring



### Summary:

Two alliances of three teams each compete on a 27' x 54' field with bumps attempting to earn points by collecting soccer balls in their goals. Additional bonus points are earned for each robot not touching the field at the end of the match.

### Robots:

- Dimensions at start of game 28" x 38" x 60"
- Max. dimensions during last 20 seconds of game not to exceed 7' in diameter or 90" in height.
- Weight not to exceed 120 lbs., excluding batteries and bumpers.

### Game Play Rules:

- Robots may not possess more than one ball at a time, but they may herd and kick multiple balls at a time. Balls must remain in contact with the floor while in robot's possession.
- Alliances must return scored balls to the field quickly.
- Only one robot at a time is permitted to play defense in front of the opponent's goals.

<b>PLAY:</b>		
Autonomous	15 seconds	Robots attempt to score soccer balls
Teleoperated	2 minutes*	Humans help robots to score soccer balls
Finale*	Final 20 seconds	Robots attempt to hang above the field

<b>SCORING:</b>	
Ball in goal .....	1 point
Robot hanging on tower .....	2 points
Robot hanging from another robot .....	3 points

