

School Name:

Judge's Initials:

Robot Design

Judges' Score Sheet | Assessment

Persistent (1 point)

Experts (3 points)

Master (5 points)

Total /5

- 1 **How well did students explain which Mindstorms elements (parts) they used in the robot hardware design?**
1 point 2 points 3 points 4 points 5 points
- 2 **How well did students explain the programs they had written to complete the tasks?**
1 point 2 points 3 points 4 points 5 points
- 3 **How well did students explain how the robot and the software work?**
1 point 2 points 3 points 4 points 5 points
- 4 **How well did students explain the process of how final decisions were made for the choice of robot elements (parts)?**
1 point 2 points 3 points 4 points 5 points
- 5 **How well did students explain the process of developing the software programs?**
1 point 2 points 3 points 4 points 5 points
- 6 **How well did students explain the strategy they developed for the Robot Challenge and any possible difficulties they overcame during the creation of the robot design or the program?**
1 point 2 points 3 points 4 points 5 points
- 7 **How well did students explain the use (or possible use) of sensors in tackling the tasks?**
1 point 2 points 3 points 4 points 5 points
- 8 **How well did students explain what the team would do differently with the robot design or program?**
1 point 2 points 3 points 4 points 5 points

Comments: (Design, program, explanations, strategy, challenges, ideas for changes etc.)

Total /40

Consideration for prizes

Team (X)

Individual: (name)