National Science Olympiad 2009
Robo-Cross B

Team Number: B__ Team Name: _____

Student Names: _____ Final Score: _____

Do not write below this line.

Violations

1. Team entered more than one robot	Y	N
2. Controller uses batteries not as stipulated by the manufacturer	Y	N
3. Home-made controllers uses non-commercial batteries or is > 9.6V	Y	N
4. Robot does not fit inside the 30cm x 30cm x 30cm qualifying cube	Y	N
5. Robot motion powered by non-electrical, non-elastic, and/or non-gravitational energy	Y	N
6. Any of the separate robot functions exceed 9.6V	Y	N
7. Robot does not have a legible team name on it	Y	N
8. Robot uses a commercial radio control system that was not intended for remote control vehicle or a radio control system that requires a license	Y	N

Others

9. Disqualified (notify the team and their coach as soon as possible)	Y	N

Robot measurements

10. Mass of robot and battery in grams	_____
11. Run time in seconds (ie. end of 3 minutes or when team says “stop”)	_____
12. Location of robot when time is called	A B C D

Scorable Items	In Zone C	In Zone D	In Small Box	In Large Goal
Golf Balls	**13.** _____	**14.** _____	**15.** _____	**16.** _____
C-cell batteries	**17.** _____	**18.** _____	**19.** _____	**20.** _____
Yellow Lego blocks	**21.** _____	22._____	**23.** _____	**24.** _____
Blue Lego blocks	**25.** _____	**26.** _____	**27.** _____	**28.** _____
Coins (in cents)	**29.** _____	**30.** _____	**31.** _____	**32.** _____