

Line Follow Challenge Score Sheet (Timed-Unlimited Delivery)

Team Name	Line Follow Points	# of Bonus Balls	Total Points	Overall Rank

Line Follow Points Reference

<i>Leaves Start</i>	<i>Stops @ Cargo Delivery Box</i>	<i>Delivers a Ball</i>	<i>Starts Back to Start</i>	<i>Returns to Start</i>	<i>Total Line Follow Points</i>
50	100	100	50	100	400

Teams have 3 minutes to complete this challenge. On first run, robot must go to the tower, deliver one ball and return home without being touched by the team members. Upon returning home, players may touch their robot to turn it around, load it with bonus balls and restart their program to travel back to the box and deliver these balls. Upon delivery of bonus balls, teams may pick up the robot and carry it back to the start to load and send more bonus balls if time permits.



Line Follow Challenge Score Sheet (Target Number of Ping Pong Balls)

Number of balls to be delivered: _____

Team Name	Line Follow Points	Ball Delivery Time	Overall Rank

Line Follow Points Reference

<i>Leaves Start</i>	<i>Stops @ Cargo Delivery Box</i>	<i>Delivers a Ball</i>	<i>Starts Back to Start</i>	<i>Returns to Start</i>	<i>Total Line Follow Points</i>
50	100	100	50	100	400

Teams work towards delivering all ping pong balls. On first run, robot must go to the tower, deliver one ball and return home without being touched by the team members. Upon returning home, players may touch their robot to turn it around, load it with bonus balls and restart their program to travel back to the box and deliver these balls. Upon delivery of bonus balls, teams may pick up the robot and carry it back to the start to load and send more bonus balls until all bonus balls are delivered. Teams should get a maximum time to deliver the required number of balls.

