



Robofest 2012 R2R Game

Playing Field Setup Guidelines and Unknown Factors for Video Submission Team Coach

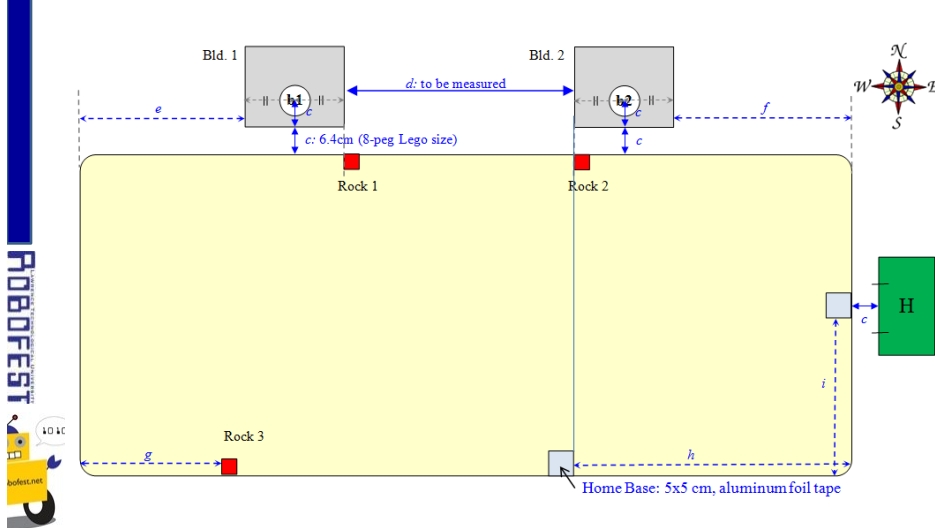


How to prepare tables

- Must use area without any direct “sunlight”
- Place official Robofest plastic folding table on ***dark floor.***
- Place aluminum foil tape squares at the same locations on each table. Do not put foil tape near the table corners. See the diagram on the next slide for the Home Base location.
- Please check the R2R Game rules for details

Official Playing Field Set Up

Use Home Base as a reference to the Bld. 2



Boxes for Buildings

- Must be at least 1.5 Kg (put 3 water bottles filled with full of water)
- If you have different size boxes ($2 + 2 = 4$), you may use those.
- If you do not have 4 boxes, Identical books of unknown thickness are needed to change the height of the two buildings

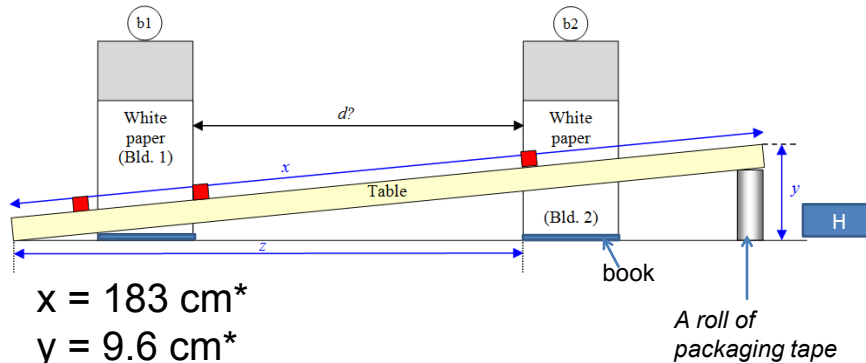


Submit two videos for two rounds

- Change the height of the boxes by putting books under the boxes for Round 1. Use any distance between the two boxes. Give the team 30 minutes to adjust the robot and program after unveiling the official setup.
- Video tape the displayed distance on the LCD
- Use boxes without the books for the round 2. Use any distance between the two boxes. Give the team 30 minutes to adjust the robot and program after unveiling the official setup.



Sr. Unknown Factors for Round 1



* Measure the table length and width as the actual size may vary depending on the table manufacturer.

** Site host may change this value. It is based on Home Base location.



Reminder

- Do not forget to submit video sub form at:
<http://www.robofest.net/2012/RobofestVideoSubForm12fill.pdf>
- Also, please send us Consent and Media release form:
<http://www.robofest.net/ConsentReleaseForm.pdf>

The logo for RoboFest, featuring the word "ROBOFEST" in a stylized, bold, black font with a white outline. The letters are arranged vertically, with "ROBO" on top and "FEST" on the bottom. To the right of the text is a small graphic of a yellow robot head with a blue antenna and a black eye.