



Lawrence  
Technological  
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COLLEGE OF  
ARTS AND  
SCIENCES

24<sup>th</sup>  
Annual

LAWRENCE TECHNOLOGICAL UNIVERSITY  
**ROBOFEST**  
2023  
World Championship

# Jr. BOTTLESUMO

Chairperson: Chris Parker

**Group 1:** Thursday, May 11, 2023

5:00pm ~ 9:00pm

**J234, Building 8, Taubman Complex**

## Announcements:

- Parents and Coaches are not allowed to be in the pit area after materials are dropped off.
- The Final Match between Group 1 and Group 2 finalists to determine the overall Jr BottleSumo Winner will be held on Saturday, May 13 at 11:45am in the gym
- Trophy Winners including Time Trial winners will be recognized on Saturday May 13 at 12:00pm in the gym
- All the participants will receive a medal today. Please bring your medal on Sat. May 13 for another group picture in the gym around 2:30pm.

The objective of BottleSumo is to **EITHER** be the first robot to find and *intentionally* push a two-liter bottle (filled with 1 liter of water) off the table and survive on the table at least 3 seconds **OR** be the last robot remaining on the table at least 3 seconds. The bottle will be placed at an unknown location that is the same distance away from the two robots.

How to start the game (the way to start the robot moving) is an **unknown task** that is unveiled 30 minutes prior to impounding robots.

**GROUP 1 Tentative Schedule** (Note – times are approximate)

<b>4:30 pm</b>	<b>Team Check-In begins.</b> Teams may practice on the official fields.
<b>5:00 pm</b>	Welcome by Jr BottleSumo Chairperson; Introduction of teams and Judges
<b>5:10 pm</b>	<i>Adults are asked to leave arena before unveiling.</i> Unveiling how to start a game by Chairperson.
<b>5:15 pm</b>	30 min work-time begins.
<b>5:45 pm</b>	Impounding of robots begins. Weight and size will be checked. Each robot must have ID tag.
<b>5:50 pm</b>	Spectators may return. Qualifying Time Trials begin on <u>2 tables</u> in parallel. Each team will have max 120 seconds. <b>Each table will use its own timer.</b> <i>Expected max time taken: (11 teams, 2 tables) 5 min x 6 = 30+ minutes.</i> Robots must be returned to the impounding table.
<b>6:20 pm</b>	Teams can pick up robots. <b>20 min</b> work-time begins. Seeded single elimination tournament bracket for each group announced.
<b>6:40 pm</b>	2 <sup>nd</sup> Impounding of robots begins. Weight and size and ID will be re-checked.
<b>6:45 pm</b>	Announce Bracket
<b>6:50 pm</b>	<b>Single elimination matches for each group begin on the dedicated table for the group</b> <i>Average time for a match: 4 min; Max 15 matches x 4 min = 60 minutes</i>
<b>7:50 pm</b>	Group final match. The winner will compete with the winner of the other group on Sat, May 13 in the gym at 12:30pm.
<b>7:55 pm</b>	Closing & Award Ceremony – See Announcements section Certificate of participation and participation medal will be awarded to all contestants. Group picture.
<b>8:15 pm</b>	Cleanup begins

**Jr. BottleSumo Group 1 on May 11 (11 teams)**

Team ID	Name	Organization	Coach	City	St/Country
26-3	Crandroids	Cranbrook Schools	Katie Bis	Bloomfield Hills	MI
1587-6	Monster 2	Plymouth Christian Academy	Jasmine Paul	Canton	MI
2603-1	BottleSumo_MSCPS_HK	Munsang College Primary School	WONG SIU YUEN	Hong Kong	HK
3513-1	Something French	Roeper School	Wendy Mayer	Birmingham	MI
3513-6	The Sea Pickles	Roeper School	Wendy Mayer	Birmingham	MI
4407-3	Mars boy	Creative Robotics CenterTeacher Xu	Shie Yi Chiuan	Hsinchu County	Taiwan
4407-5	Legend	Creative Robotics CenterTeacher Xu	Shie Yi Chiuan	Hsinchu County	Taiwan
4444-2	Happy New Year	MBC	JHANG LAI-CIAN	Taichung	Taichung
4513-1	LOS PIBES	ETRONIC	DIEGO EMILIANO HERRERA GONZALEZ	Pachuca	HIDALGO
4519-1	JORDAN ROBO TEAM	STEAM Village	Lara Mansour	Madaba	Jordan
4523-4	Rupert	TechRoots	Chris Parker	Detroit	MI

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