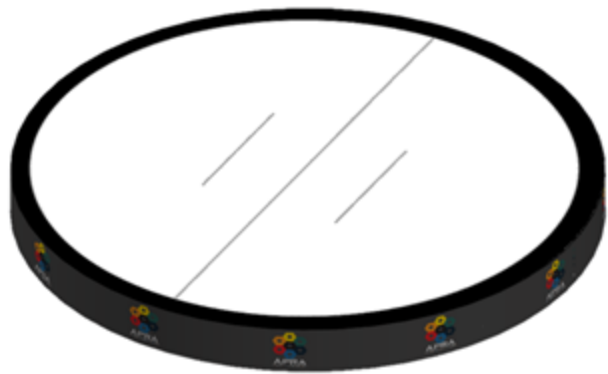




EV3 Auto Sumo Elementary Category Online Submission Guidelines

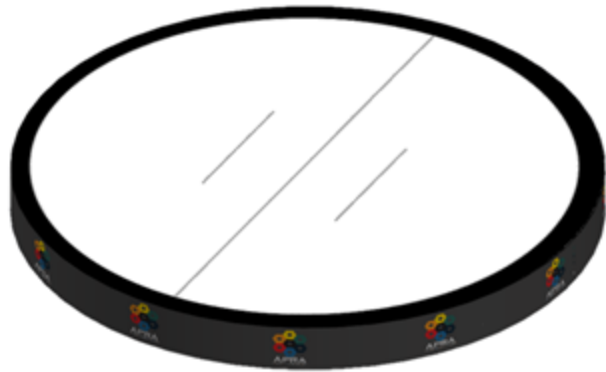
Updated : 01/07/2025





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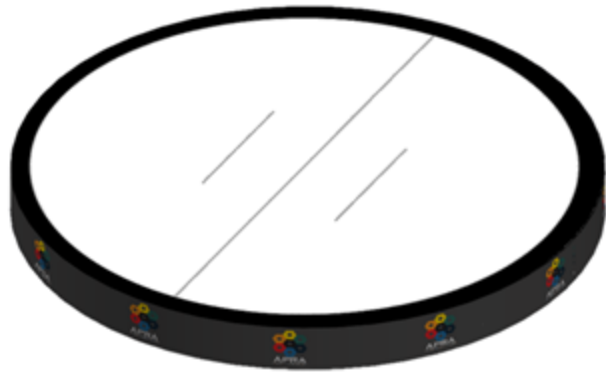


A. Registration

A1 Sign Up: Complete the online registration form by registration deadline (please refer to official website : <https://www.apra-friends-my.org/national-rounds>)

A2. Team Composition: Teams can have up to 3 members.

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EV3 Auto Sumo Elementary Category Online Submission Guidelines

B. Online Submission Requirements

B1. Project Overview: Provide a brief description of your robot (max 500 words with pictures / max 3 minutes video).

B2. Technical Documentation: Include schematics, code, and sensor details.

B3. Video Submission: Upload a demonstration video (max 3 minutes) showing your robot complete the following tasks.

- Robot Movement in Specified Directions, Including Forward Movement, Backward Movement, and Turning.
- The robot is equipped with a sensor to detect black lines and make movement decisions accordingly.
- The robot is equipped with sensors to detect one or more robots and make movement decisions accordingly.

B4. File Formats: Acceptable formats include PDF for documents and MP4 for videos. File size under 50mb.

B5. Submission Channel: By clicking the 'submission' button on the website or thru the Google form link <https://forms.gle/iensmVHedNBHWSGR9>

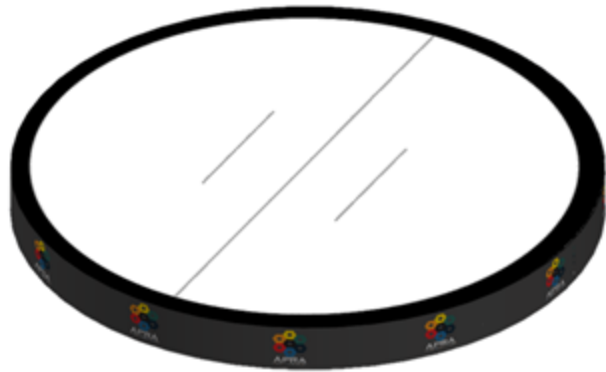
C. Evaluation Criteria

C1. Performance: Completion of tasks with a showcase session is recommended (50 points)

C2. Technical Innovation: Creativity and complexity of the design (20 points).

C3. Documentation: Clarity and thoroughness of technical documents and video (20 points).

C4. Team Collaboration: Evidence of teamwork and problem-solving (10 points).



EV3 Auto Sumo Elementary Category Online Submission Guidelines

D. Important Dates

D1. Registration Deadline : 15 Aug 2025

D2. Submission Deadline : 15 Aug 2025

D3. Online Judging : 16 - 20 Aug 2025

E. Rules and Regulations

E1. Please visit : <https://www.apra-friends.org/2025-season>

F. Communication

F1. Q&A: Email us for any questions or clarifications. (paul@smartbrainempire.com)

F2. Updates: Stay tuned for announcements via email and the competition website.

G. Prizes & Awards

G1. Winners (Champion; 1st–3rd Runners-Up; Excellence) are announced on the APRA website and via email. Champions qualify for the APRA International Final in Ho Chi Minh City on 29 November 2025.