



iCode784 Competition 2026

Robotics Category Rules & Guidelines

Eligibility & Team Composition

1. All teams must represent a secondary school or consist of valedictorians from the NTRC MyApp Summer Programme.
2. Each team must consist of two (2) participants.
3. Only one (1) team per school is permitted in this category.
4. Every team must have an official mentor (teacher, industry professional, or suitably qualified individual).

Robot Kit & Preparation

1. Teams must collect their robot kits two (2) weeks prior to judging.
2. Participants are expected to:
 - Familiarize themselves with the robot
 - Test and refine programming solutions before competition day
3. Any damage resulting from negligence or misuse may result in repair or replacement costs being charged.

Competition Rules

1. Only team members are allowed to operate or interact with the robot during the challenge.
2. If a robot falls down or overturns, team members are allowed to intervene to reset the robot.
3. Mentors are not permitted to assist once the challenge has started.

4. The NTRC will cover approved travel expenses (transportation, accommodation, meals, and transfers) for:
 - Students from the Grenadine Islands
 - Participants advancing to the finals

Preliminary Challenge Format

1. Each team is allotted **5 minutes** to complete the challenge.
2. A **single buzzer** signals the start.
3. **Two buzzers** indicate the end of the challenge, all activity must stop immediately.

Final Challenge Format

1. Each team is allotted **3 minutes** to complete the challenge.
2. A **single buzzer** signals the start.
3. **Two buzzers** indicate the end of the challenge, all activity must stop immediately.

Scoring Detail

Category	Objective	Scoring Detail	Points
Object Collection & Sorting	Points granted for successfully collecting and depositing objects - Object should be carried by the robot (by lifting, pulling, pushing) without any external assistance to the start/end position of the track -5 round objects -5 square objects -5 triangle objects	+5 points for each round object picked up and successfully removed from the field +7 points for each square object picked up and successfully removed from the field +8 points for each triangle object picked up and successfully removed from the field	100

Total Possible Score: 100 Points

In the case of a tie, the team with the shortest completion time will be declared the winner.

Key Reminders

- Prepare early and thoroughly test your robot
- Ensure teamwork and clear role distribution
- Focus on both technical performance and innovation