

General FAQ

Question	Answer
1.Can I get tickets as a bystander to view the competition?	There is no need for bystander tickets to view the competition, walk-ins are allowed. There is a designated zone for the audience to sit and view the competition for robot run days. However, if you are inviting a large group audience, please inform Science Centre via NRC@science.edu.sg .
2.Will there be another webinar or more details for the presentation?	Each category has only one webinar for the challenge announcement. The webinar recording is available in the NRC website for viewing.
3.Can I register for more than one category? Is there a maximum no. of teams each school can register for?	Yes, if the dates are not overlapped. There is no maximum no. of teams a school can register. Registration is on a first come first serve basis. We will reject and refund the registrations if the category is full.
4.If we are registering as a private team, what do we put under the school's name?	You can indicate it as "independent" or "private".
5.Can we pay the registration fee by e-invoice? Is there any other method of payment?	We only accept credit card payments through our registration platform.
6.Can a coach/mentor be repeated for multiple teams?	Yes.
7. Can international teams participate?	For international participants (not from Singapore), please contact the following for registrations and more information. ● China: Celine SHEN at Celine_SHEN@science.edu.sg ● Rest of Asia: Fenda NGO at NGO_Kai_Ser@science.edu.sg

NRC Regular Category FAQ

Question	Answer
NRC Regular Category– Playfield/Run	
1. What is the colour of the side panels of the board that holds the playfield?	The colour of the side panels are black. Please refer to the Regular Category general booklet for more information
2. How tall will the wall of the playfield be?	The minimum height is 7 cm.
3. Where can we download or purchase the playfield mat?	Please download the Playfield Mats on our website here . Participants/Schools/Teachers/Coaches are required to source their own playmat printing.
4. How many teams will be sharing a single playfield on the day of competition?	Depends on number of registered teams in total.
5. How many runs will each team get for qualifying round? How many trial runs will each team get?	Each team will get 2 runs for the qualifying round.

6. Will there be a Surprise Rule? What is the time allowed to work on surprise rule? When/if will they be introduced during prelim/finals? What is the format?	Please refer to NRC Regular Category, General Rules, 5.3 Robot Run Challenge Format # 2. "If there are any Surprise Rules during the competition round, this will be conveyed to the teams by a briefing that will be conducted by the Referee in charge before the start of the Practice Time. If the surprise rule brings additional game elements, teams are not allowed to remove these elements from the playing field if they do not want to solve the surprise rule."
NRC Regular Category– Presentation	
1. For the presentation, are we using physical or digital poster?	Up to participant's choice.
2. Will there be a playfield in the presentation venue?	Yes.
3. Do we need to have a physical 3D robot for the presentation, or can it be 2D?	Teams are required to showcase their physical robot that they have built for the mission.
4. Will other participants be there to view our presentation live in the presentation room?	No.
5. Is it fixed slot for presentation?	Yes, schedule will be drawn up.

6. Is the presentation round also at Science Centre?	Yes.
7. Apart from showcasing their physical robot for robot game, is the team expected to present on their robot game strategy, robot design, build and coding process?	Yes. The processes are important for judges to gauge participants' learning journey. It also helps to demonstrate originality of work i.e., not just a solution given by mentor.
10. How will the presentations be conducted? Judges go from table to table for each team?	Presentations are conducted in rooms, with judges and students in the room. Screens and VGA/ HDMI cables will be provided for presentation projections. Do note that laptops will not be provided.
NRC Regular Category – Others	
1. When can we go to the venue to calibrate and test our robots on the field conditions?	There will be practice runs on the actual robot run days.
2. Where will the robot competition take place?	Science Centre Singapore.
3. Does it means qualifier round will need to come 2 times for presentation and robot run?	Yes, once for presentation, once for robot run. If team qualifies for finals, there'll be an additional 2 sessions.
4. When will the Trial Playing Field Sessions be held?	Do look for our EDM to book your slots.

6. For the actual day of robot run, is there lunch break for the participants? Is there designated area to eat? Will there be any meals we can buy from NRC?	Yes, there will be a lunch break. Coffee Bee cafeteria at the Science Centre operates (except for competition day 2nd September, Monday). There are also other restaurants in the Science Centre. Details of food and beverage options at Science Centre can be found below: https://www.science.edu.sg/visit-us/food-beverage More options are available a short walk away in Jurong East Central.
7. When will we know our allocated timeslot/date for the qualifiers? When will the schedules for robot run and presentation be out?	Shortly after end of registration period.
9. Can teams bring mobile phones or surrender them during competition? Can we use them to record our presentation and robot run? Safekeeping phone by organisers or own teachers?	Mobiles/ valuables are to be kept with teachers/ mentors/ parents.
10. Can spectators and parents come to watch the event? Do they need to pay entrance fee to watch?	No entrance fee for NRC (but entrance fees to Science Centre applies). Watching of presentations – No. Watching of robot runs is ok.
11. Is there wifi provided in the venue?	Wifi will not be provided in the venue. Please ensure that your teams have ALL software PRE-INSTALLED in your laptops or controllers prior to quarantine. Teams will not be allowed to download any software or programs wirelessly once they are in quarantine.

12. Are mobile phones allowed in the robot run venue?

Mobile phones, thumbdrives or communication devices are not allowed within the quarantine area except for Tertiary Category. Teachers or Team Managers will have to be responsible for the safekeeping of such items before the teams enter.

NRC - Smorphi FAQ

Question	Answer
Smorphi - Imaginary	
1. Where can I try/practice the Imaginary robot?	You may access the Imaginary demo at the link below https://www.wefaarobotics.com/imaginary