



The 16th edition of **National Robotics Programming Competition (NRPC)** is back. In 2024, participating primary schools will receive a complimentary playfield delivered to them. The mode of submission is mostly online with invited teams at Admiralty Secondary for a face-to-face Surprise Mission on 23 May for the Best Robot Performance.

The theme for 16th NRPC revolves around robots and technology in cyber security using only LEGO® MINDSTORMS™ set, EV3 OR LEGO® Education SPIKE™ Prime Set

Awards (Primary School)	Description
Best Robot Performance (1 st to 3 rd)	Robot accumulates the highest scores in achieving the various mission objectives on the playfield Teams will be selected for f2f Surprise Mission based on their online submission score and timing.
Best Mechanical Design (1 st to 3 rd)	Demonstrates a sound understanding and appropriate use of mechanical design principles.
Best Research Poster (1 st to 3 rd)	Creativity and imagination in how technology is can be used for camping and how robots can evolve in the future to enhance the outdoor experience for every camper
Championship Award (1 st)	Teams will be assessed on the following criteria: 60% - Robot Performance, 20% - Mechanical Design 20% -Research Poster

Important Timeline

- Registration is now open from 26 Feb to 17 Mar (5pm)
- Submission of all competition categories – 7 May (5pm)
- Result of selected team for Surprise Mission – 15 May (5pm)
- Surprise Mission for selected teams – 23 May (2:30pm to 4:30pm)
- Announcement of winners and Prize Giving – 23 May (after Surprise Mission)



Scan QR to register



<https://go.gov.sg/16th-nrpc>