

Good day Coach

With the record number of participants this year the team lists have now been finalised and venues are fully confirmed.

In this document you will find the day schedule for your selected event. Please also see the list of attending teams. If you have a team missing from this list or corrections need to be made, please email wro@handsontech.co.za we will be happy to assist you.

Northern Cape – Carnarvon High School Hall

Saturday Event: Explorer & Robo Mission

Date: Saturday, 16th August 2025

Venue: Carnarvon High School Hall

Carnarvon High School, 7 Zahn St, Carnarvon, 8925

Judges registration is open and anyone is welcome to register as a WRO SA judge even if you have your own teams at the event. Coaches will never judge their own teams and all judges are assisted by Age Group Head Judges and the Category Head Judges.

If you would like to register to judge at an event please [CLICK HERE](#) or visit the WRO SA website to access the registration form, judging is voluntary and training is conducted with all judges.

General Notes and Rules:

WRO SA suggests arriving at venues early to avoid long queues and to give teams enough time to acclimatise to the event.

Spectators are welcome and encouraged to support their teams at any WRO SA event, there will be seating areas available for spectators.

A reminder that no spectators or coaches are allowed to communicate with their teams during the WRO Event, teams must compete by themselves without assistance from coaches. All communication between coaches, teams and judges must take place through the Category Head Judges and Age Group Head Judges.

Venues will have food and drink items available for purchase during the event. WRO SA strongly advises purchasing food before the lunch break for your teams to avoid long queues and to give teams enough time to eat and relax during this important break.

Each team is assigned a single three (3) pin plug point at their event. Each team should bring and is responsible for their own multiplug for programming hardware and chargers. Please ensure you have extra equipment available for your teams if needed.

It is not the responsibility of WRO SA to provide extra hardware for teams if hardware fails. There is no available Wi-Fi for teams and spectators at any of the WRO SA venues.

As you build and program keep in mind that organizers make every effort to ensure that all fields are correct and identical, but you should always expect some variability such as:

1. Flaws on the fields
2. Variety in colour brightness on the game mat, from table to table
3. Variety in lighting conditions, from hour to hour, and/or table to table
4. Judges' shadow on the field
5. Judges will walk around the field during judging
6. Texture / bumps under the mat
7. Waviness in the mat itself. Location and severity of waviness varies

If you have any questions regarding your WRO SA event please email wro@handsontech.co.za and we will do our best to answer your questions.

Category Notes:

RoboMission:

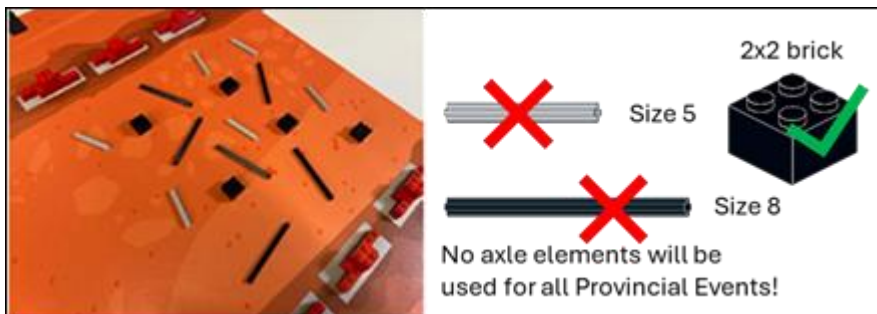
With the change in WRO rules and the incorporation of any robotics platform into the RoboMission Category, teams are now required to complete and present their robot specification sheet to judges before the competition day begins. Each robot specification sheet must be placed on the quarantine table in the team's robot's position. If teams do not provide the specification sheet they will be required to complete the sheet on the day of the competition during competition time. **Teams that do not provide their robot specification sheet will not be allowed to advance to the National Final and will not be eligible for medals.** Please visit <https://www.wrosa.co.za/robot-specification-sheet> to download the specification sheet.

RoboMission Junior Provincial Events Only

WRO SA will not use any axle elements (Size 8 & Size 5) as rough terrain for all Provincial Events, these spaces will be empty on the game mat.

The axles **will be** included in the National Final.

The 2x2 black bricks will be stuck to the game mat for all Provincial events and the National Final.



We look forward to seeing you and your teams at the WRO SA events!

GOOD LUCK WITH ALL FINAL PREPEARTIONS!



Explorer - Carnarvon High School Hall

Date : Saturday, 16 August 2025

Venue : Carnarvon High School Hall

Address: Carnarvon High School, 7 Zahn St, Carnarvon, 8925

Explorer Days Schedule

Start	End	Duration (minutes)	Activity
08:00	08:30	30	Registration / Set up Judges Meeting 08:10
08:30	08:50	20	Hall Open - Teams Enter and Set Up (Judges check tables)
08:50	09:05	15	Final preparations / instructions before start of competition
09:05	10:05	60	Session 1: Robot Practice and Scoring (60 min)
10:05	10:35	30	Explorer Lunch Break
10:35	11:20	45	Session 2: Robot Practice and Scoring (60 min)
11:20	11:35	15	Final Scoring Round each team
11:35	11:50	15	Pack-up (Compiling of final results / scores / positions / prizes)
11:50	12:10	20	Prize Giving
NOTE!!	Teams arrive with a built robot but NO PROGRAM! Teams must program their robot from the start of the competition with no coach/spectator assistance.		



RoboMission - Carnarvon High School Hall

Date : Saturday, 16 August 2025

Venue : Carnarvon High School Hall

Address: Carnarvon High School, 7 Zahn St, Carnarvon, 8925

Robo Mission Days Schedule

Start	End	Duration (minutes)	Activity
08:00	08:30	30	Registration / Check In Judges Meeting 08:10
08:30	08:50	20	Hall Open - Teams enter and set up <i>(Judges check tables)</i>
08:50	08:55	5	Official Opening
08:55	09:00	5	Final preparations/instructions before start of competition
09:00	09:05	5	Surprise Rule Instructions to teams
09:05	10:05	60	Round 1 : Robot Adjustments, Testing & Programming
10:05	10:15	10	Inspection / Quarantine Time
10:15	10:35	20	First Round of Competition
10:35	10:35		Teams collect Robots
10:35	11:15	40	Round 2 : Robot Adjustments - Testing & Programming
11:15	11:25	10	2nd Inspection / Quarantine Time
11:25	11:45	20	Second Round of Competition
11:45	12:45	60	Lunch Break
12:45	12:45		Teams collect Robots
12:45	13:25	40	Round 3 : Robot Adjustments - Testing & Programming
13:25	13:35	10	3rd Inspection / Quarantine Time
13:35	13:55	20	Third Round of Competition
13:55	14:25	30	Pack-up (Compiling of final results / scores / positions / prizes)
14:25	14:55	30	Prize Giving/Closing

