MRC Ghana 2027

Ghana’s national robot sports competition

19–20 February 2027 · Accra, Ghana · Venue to be announced

What is MRC Ghana 2027?

MRC Ghana 2027 is Ghana’s edition of the Minoan RobotSports Competition (MRC). Students design, build and program robots and drones that race, aim, shoot, fly missions and play football, under the official rules published by the Hellenic Educational Robotics Organization (H.E.R.O.). Every robot passes a technical inspection before it competes.

The competition is organised in Ghana by The MakersPlace. Internationally, H.E.R.O. runs the annual MRC Global Olympiad in Crete. Ghana took part in the 2025 Global Olympiad in Crete.

Key dates

Date	What happens
Now	Team registration is open
15 January 2027	Registration closes
To be announced	Venue and competition programme published
19–20 February 2027	MRC Ghana 2027 in Accra
23–26 April 2027	MRC Global Olympiad 2027, Chania, Crete

The seven sports

Sport	What teams do
Drones	Teams pilot a small indoor drone through a secret course of hoops, obstacles and landing pads, scoring points for precision and order.
Drone Soccer 3×3	Alliances of three caged 'drone balls' play aerial football in a netted arena — only the Golden Ball drone can score through the opponents' hoop.
Marathon	An autonomous robot follows a black line around a secret track. The fastest clean run within three minutes wins. Basic and Advanced divisions.
Football 3×3	Alliances of three remote-controlled robots play five-minute football matches, using motorised kicking mechanisms to score goals.
Shooting	Teams build a handheld, sensor-triggered foam-dart launcher and aim for three scoring targets at two distances.
Archery	An autonomous robot bow adjusts its own aim and fires a team-made, blunt-tipped arrow at a ten-ring target from four distances.
Exhibition	A showcase category for original robotics and engineering projects. Detailed H.E.R.O. rules for 2027 are awaiting publication.

Who can take part

- Eligibility is based on age, not school class. Team members must be at least 10 years old in the sports with published rules; each sport lists its age bands.
- Most sports are played by teams of 2 to 3 students. Individual entries are not accepted.
- Every team needs an adult coach aged 20 or over. A coach must bring one assistant for every three teams they register.
- Football 3×3 and Drone Soccer 3×3 are played in alliances of three teams.
- Exhibition rules for 2027 are awaiting publication by H.E.R.O.

How to take part

1. Explore the competition. Learn how MRC works and what happens across the two competition days in Accra.
2. Choose an eligible sport. Pick from the seven categories and check that every team member fits the published age bands.
3. Read the official rules. Each category links to its official H.E.R.O. rules. The current official rules always take precedence.
4. Form a team. Most sports need 2–3 members and an adult coach aged 20 or over. Football and Drone Soccer are played in alliances of three teams.
5. Prepare your robot or project. Build, program and test against the size, weight and equipment rules — and practise explaining your design.
6. Register your team. Submit your team through the official MRC Ghana 2027 registration application. Registration closes on 15 January 2027.
7. Complete organiser checks. Watch for confirmation emails, programme updates, consent requirements and technical-inspection arrangements.
8. Compete at MRC Ghana 2027. Pass technical inspection, then compete in Accra on 19–20 February 2027.
9. Follow results and selection. Results and any international selection process will be published by the organisers. Selection is not automatic.

Registration and fees

- Registration closes on 15 January 2027.
- Registration fees: to be announced.
- Register online at https://www.mrcghana.com/register. Participant information is collected only through the official registration application.

The international pathway

Top teams can be selected to represent Ghana at the MRC Global Olympiad 2027 (6th edition), 23–26 April 2027, Chania Kladissos Indoor Hall, Chania, Crete.

> **Selection is not automatic**
> Progression to the MRC Global Olympiad 2027 depends on official eligibility, national selection arrangements, rule compliance and any confirmed international places. It does not include flights, accommodation, fees or sponsorship unless separately confirmed in writing.

Contact the organisers

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