



Republika ng Pilipinas
Kagawaran ng Edukasyon
REHIYON V (BIKOL)

DEPARTMENT OF EDUCATION
SDO-Iriga City RECORDS SECTION

RECEIVED
20 AUG 2026

TANGGAPANG PANSANGAY NG MGA PAARALAN NG LUNGSOD IRIGA

Office of the Schools Division Superintendent

CTRL No.: 2024-08-428 7p

August 19, 2026

DIVISION MEMORANDUM

No. 428 s, 2026

**DIVISION SCIENCE, TECHNOLOGY, FAIR, AND ROBOTICS OLYMPICS
S/Y 2026-2027**

To: Assistant Schools Division Superintendent
Chiefs, CID and SGOD
Education Programs Supervisors
OIC-Public Schools District Supervisors
SDO Section Unit Heads
All Others Concerned

1. In preparation for the upcoming Regional Science and Technology, Fair for the School Year 2026-2027, this office through the Curriculum Implementation Division (CID) shall conduct the Division Science, Technology, Fair and Robotics Olympics for the SY 2026-2027 at San Agustin (Stand Alone) SHS, San Agustin, Iriga City on September 7-8, 2026.

2. The Science and Technology Fair aims to:

- develop and strengthen the Science, Technology, Engineering, and Mathematics (STEM) skills of learners through the conduct of research projects that address local, national, and/or global issues,
- provide an avenue for high school learners to communicate research findings and showcase investigations, innovations and robotics skills to the STEM community and the public,
- provide an opportunity to establish research networks and collaborations among students, researchers, teachers, higher education institutions, industries, other agencies and communities; and,
- foster a culture of creativity and innovation among the youth.

3. This year's fair will continue to nurture and elevate learners research, innovation and creativity. It offers a vibrant platform for learners to showcase their talents and accomplishment in Science, Mathematics, Research, and Robotics. The event also fosters forward-thinking, encouraging collaboration, and the exchange of ideas to address global challenges, emphasizing the importance of shared responsibility and actionable steps in achieving long-term sustainable goals.

4. Anent to this the following schedule of activities shall be observed:

Activities	Dates	Events
Division Science Technology Fair	September 7-8, 2026	A. Science Quiz Elementary, JHS, SHS B. Tuklas- a STEM research competition (Individual and Team Categories)



**IRIGA
SPRINGS**

Sa Serbisong Tapat at Mangay,
Edukasyon ay Dekalidad!



Sto. Domingo, Lungsod Iriga
iriga.city@deped.gov.ph



Republika ng Pilipinas
Kagawaran ng Edukasyon
REHIYON V (BIKOL)

TANGGAPANG PANSANGAY NG MGA PAARALAN NG LUNGSOD IRIGA

		C. STEM Innovcation Expo D. On-the Spot Poster Making Contest E. School Shoutout F. Robotics Olympics
Submission of School Entries (Research for Division Scientific Review Committee (SRC) Paper Evaluation	September 2, 2026	
Division Science Technology Fair & Robotics Olympics.	September 7-8, 2026	
Submission of Division Entries for Regional Scientific Review Committee (SRC) Paper Evaluation	October 26, 2026	
Regional Scientific Review Committee (SRC) Paper Evaluation	October 29, 2026- November 18, 2026	
Regional Science Technology Fair & Robotics Olympics.	December 8-11, 2026	
Cliniquing of Qualifiers to the National Science and Technology Fair	December 16-17, 2026	

5. Only the declared first-place winners at the division level shall submit soft copies of the research papers with all other required documents (ISEF Forms) for the Regional Scientific Review Committee (SRC) paper evaluation. This should be submitted on or before October 26, 2026. The submission link must be emailed to rstfrov@gmail.com, following the format:

Folder Code	Contents of the Folder	Sample Content of the Folder for Forms
LS-I- Division- School	Manuscript:	
Name * Life Science Individual - Division Name	LS - I- Division - School Name Ex: LS-I-Division-School Name- Iriga City	
	Folder containing the needed forms: LS-I-Division-Forms *Name of the folder where all of the soft copies of the forms are found	LS-I- Division-School Name-Iriga City-Form 1 LS-I- Division-School Name-Iriga City- Form 1 LS-I- Division-School Name- Iriga City- Logbook



Republika ng Pilipinas
Kagawaran ng Edukasyon
REHIYON V (BIKOL)

TANGGAPANG PANSANGAY NG MGA PAARALAN NG LUNGSOD IRIGA

❖ LS-I-Division	❖ LS-I-Division-Forms	LS-I-Division-Data logbook
❖ LS-T-Division		
❖ PS-I-Division		LS-I-Division-Form 1
❖ PS-T-Division		
❖ RIM-I-Division		
❖ RIM-T-Division		
❖ MCS-I-Division		
❖ MCS-T-Division		
❖ SIE-I-Division		
❖ SIE-T-Division		

6. The participation of schools in the DSTF shall be clustered into categories: Life Science, Physical Science, Robotics and Intelligent Machines, Mathematics and Computational Science, and Science Innovation Expo. Special Categories for Robotics Olympics are further classified into: Autonomous Navigation Challenge (Line Follower) Autonomous Battle Arena Challenge (SumoBot), and RC Robot Soccer.

Life Science (Grades 9-12)		Physical Science (Grades 9-12)		Robotics and Intelligent Machines (Grades 9-12)		Mathematics and Computational Science (Grades 9-12)		Science Innovation Expo (Grades 9-12)		Autonomous Navigation Challenge	Autonomous Battle Arena Challenge (SumoBot)	RC Robot Soccer
I	T	I	T	I	T	I	T	I	T	Elementary	JHS/SHS	JHS/SHS

7. The following documents are enclosed for the information and guidance of all concerned.

- Enclosure 1. Mechanics of Guidelines and Maximum number of participants per school.
- Enclosure 2. Matrix of Activities
- Enclosure 3. Templates Required Forms

8. Expenses incurred relative in this activity shall be charged to school MOOE, local funds and/or other sources subject to the usual accounting, auditing rules and regulations.

9. For information, guidance, and wide dissemination.

MBL

MARIA-MAGNOLIA F. BRIOSO, CESO VI
OIC-Schools Division Superintendent



IRIGA SPRINGS

Sa Serbisang Tapat at Maagap,
Edukasyon ay Dekalidad!



Sto. Domingo, Lungsod Iriga
iriga.city@deped.gov.ph



Republika ng Pilipinas

Kagawaran ng Edukasyon

REHIYON V (BIKOL)

TANGGAPANG PANSANGAY NG MGA PAARALAN NG LUNGSOD IRIGA

Enclosure 1

DIVISION SCIENCE, TECHNOLOGY, FAIR AND ROBOTICS OLYMPICS S/Y 2026-2027
September 7-8, 2026

EXECUTIVE COMMITTEE

MARIA-MAGNOLIA F. BRIOSO, CESO VI
OIC Schools Division Superintendent

MAYLANI L. GALICIA
Assistant Schools Division Superintendent

JERSON V. TORALDE
Chief Education Supervisor, CID

NOEL G. CABALTERA
Chief Education Supervisor, SGOD

HELEN Z. CORNELIO
EPS, Science

PUBLIC/PRIVATE ELEMENTARY AND SECONDARY SCHOOL HEADS & SCIENCE COORDINATORS

TECHNICAL COMMITTEE

HELEN Z. CORNELIO
EPS-Science
Over-All Chairman

DINDO ZOILO L. IBARRETA JR.
Science Coordinator (Central District)

VIRGILIO S. PUSO
Science Coordinator (JHS)

MAILA B. CEGUERA
Science Coordinator (North District)

HECTOR M. PANTI
Science Coordinator (SHS)

CINDY D. DE LOS SANTOS
Science Coordinator (South District)



**IRIGA
SPRINGS**

*Sa Serbisang Tapat at Mangap,
Edukasyon ng Dekalidad!*

Sto. Domingo, Lungsod Iriga
iriga.city@deped.gov.ph



Republika ng Pilipinas

Kagawaran ng Edukasyon

REHIYON V (BIKOL)

TANGGAPANG PANSANGAY NG MGA PAARALAN NG LUNGSOD IRIGA

WORKING COMMITTEES

REGISTRATION/ATTENDANCE Jessabel B. Bañadera Joy Anne S. Dapito Gina Rachel G. Bona John T. Marmol	Chairman Co-Chairmen	PROGRAM Myla Ann A. Bernales Wilan Joshua M. Laniog Claudette May I. Mora
STAGE DECORATION/BACKDROP Nikki P. Balang Ruth Edna I. Matubis Fe B. Marpuri Janissa Mae S. Marida	Chairman Co-Chairmen	INVITATION/TO INVITE JUDGES Athina L. Camila Judy C. Salcedo Medalou T. Aguila Joan Ibarreta Manaog
HALL PREPARATION/ TABLES/CHAIRS Jones P. Sadang Harold A. Fortuna Jerome A. Bayta Pinky M. Farsario Jonalyn Baal	Chairman Co-Chairmen	CERTIFICATES/MEDALS Rosalyn P. Miralpes Marigie I. Royong Maria Angelita J. Cedo
LABELLING OF THE ROOMS/DIRECTORY Antonio G. Belmonte Jr. Katrina N. Soliven	Chairman Co-Chairmen	TARPAULIN Teresa S. Lara Analyn Bigtas
SOUND SYSTEM/ICT/LCD Raymart P. Donasco John Vincent O. Rodas Franc Kristian C. Lumbis	Chairman Co-Chairmen	TOKEN (JUDGES) Mariecris A. De Castro Aizabeth B. Iraola Herminia T. Pandaan
MATERIALS FOR THE CONTEST/TALLY SHEETS Ma. Cristina C. Potencio Venice Iris I. Moñuz Jesusa O. Oasnon	Chairman Co-Chairmen	SCORE SHEETS Ida T. Ibarrientos Cyril T. Bersabe
FOODS Irina C. Bendaña Edelyn C. Caayao Maria Diana C. Manaog	Chairman Co-Chairmen	BOARD OF COMPUTERS/ CONSOLIDATION OF REPORTS Maila B. Ceguera Alma D. Vargas



**IRIGA
SPRINGS**

*Sa Serbisyonag Tapat at Mangungup,
Edukasyon ang Detalyado!*

Sto. Domingo, Lungsod Iriga
iriga.city@deped.gov.ph



Republika ng Pilipinas

Kagawaran ng Edukasyon

REHIYON V (BIKOL)

TANGGAPANG PANSANGAY NG MGA PAARALAN NG LUNGSOD IRIGA

Shiela Mae R. Estilles		Benjie O. Sederia
CORSAGE		DOCUMENTATION
Joy D. Tabarangao Janin S. Espares Joanna Estrada	Chairman Co-Chairmen	Salve Joy Buere Mary Rose S. Amisola Hannah Cherry S. Agato Benjie O. Sederia
EMCEES		HEALTH AND SAFETY
Myla Ann A. Bernales Wilan Joshua M. Laniog Salve Joy Buere Raymond B. Toralde	Chairman Co-Chairmen	Dr. Quennie Marie Salcedo Jonathan O. Cabañes
INSPECTORATE		QAME
Helen Z. Cornelio Santiago E. Dalagan Jr. Ray Aldrin M. Salvadora		Jhomer I. Rosal Ana Melba M. Bongon



**IRIGA
SPRINGS**

Sa Serbisang Tapat at Mangap,
Edukasyon ng Dekalidad!

Sto. Domingo, Lungsod Iriga
iriga.city@deped.gov.ph



Republika ng Pilipinas

Kagawaran ng Edukasyon

REHIYON V (BIKOL)

TANGGAPANG PANSANGAY NG MGA PAARALAN NG LUNGSOD IRIGA

**SCI-QUIZ
(ELEMENTARY)**

Chairman: Cindy D. de los Santos
Co-Chairman: Dindo Zoilo L. Ibarreta Jr.

Grade	Quiz Master (Judge 1)	Proctor (Judge 2)	Recorder (Judge 3)	Timer (Judge 4)
3	Cindy A. Filio	Pinky M. Farsario	Iris P. Basco	Jerome A. Bayta
4	Jennifer N. Manaog	Jonalyn S. Baal	Marcon C. Oliva	Monette A. Magistrado
5	Sheila R. Serrano	Lilian SJ. Baylon	Jennifer B. Namoro	Hansel Angelo Perez
6	Joy D. Tabarangao	Ma. Shejiba L. Ramboyong	Nezy S. Padayao	Harold A. Fortuna

**SECONDARY
(JHS)**

Chairman: Virgilio S. Pusos
Co-Chairman: Judy C. Salcedo

Grade	Quiz Master (Judge 1)	Proctor (Judge 2)	Timer (Judge 3)	Timer (Judge 4)
7	Rochelle Gladys B. Nodado	Madonna S. Periabras	Mark Dennis L. Viñas	Michelle B. Librando
8	Jessabel B. Bañadera	Ruth N. Magistrado	Chonna R. De Lima	Cyril T. Bersabe
9	Claudette May B. Mora	Ma. Del Rio Albar	Arlene B. Cepe	Jerome R. Ibarreta
10	Leni O. Bañaria	Zoila P. Agapito	Monique L. Gozon	Erma V. Arroyo

**SECONDARY
(SHS)**

Chairman: Dr. Ludevina Ester D. Bolante
Co-Chairman: Hector M. Pantí

Grade	Quiz Master (Judge 1)	Proctor (Judge 2)	Timer (Judge 3)	Timer (Judge 4)
11	Ida T. Ibarrientos	Fe B. Marpuri	Analyn H. Bigtas	Noeme N. Borsal
12	Hector M. Pantí	Catherine V. Bichara	Medalou T. Aguila	Eden N. Jamin



**IRIGA
SPRINGS**

*Sa Serbisyonang Tapat at Mangagap,
Edukasyon ay Detalyadong!*

Sto. Domingo, Lungsod Iriga
iriga.city@deped.gov.ph



Republika ng Pilipinas

Kagawaran ng Edukasyon

REHIYON V (BIKOL)

TANGGAPANG PANSANGAY NG MGA PAARALAN NG LUNGSOD IRIGA

DIVISION SCIENCE, TECHNOLOGY, FAIR AND ROBOTICS OLYMPICS S/Y 2026-2027

S/Y 2026-2027

RESEARCH

Maila B. Ceguera
Chairman

Athina L. Camila
Jean R. Villareal
Mae B. Racelis
Co-Chairmen

CATEGORIES:

Life Science

Physical Science

Robotics and Intelligent
Machines

Mathematics and Computational
Science

Science Innovation Expo

FACILITATORS/DRC COMMITTEE:

Myla Ann A. Bernales
Joan I. Manaog
Rey Mark B. Lagdaan

Mae B. Racelis
Cecilia B. Sadang
Katrina N. Soliven

Francis Richard D. Villar
Joseph E. Laniog
Ellyn B. Magistrado

Teresa S. Lara
Jean V. Reginaldo
Joness P. Sadang

Antonio G. Belmonte, Jr.
Vanessa Camille H. Panganiban
Mary Rose S. Amisola



**IRIGA
SPRINGS**

*Sa Serbisang Tapat at Mangagap,
Edukasyon ang Dekalidad!*

Sto. Domingo, Lungsod Iriga
iriga.city@deped.gov.ph



Republika ng Pilipinas

Kagawaran ng Edukasyon

REHIYON V (BIKOL)

TANGGAPANG PANSANGAY NG MGA PAARALAN NG LUNGSOD IRIGA

DIVISION SCIENCE, TECHNOLOGY, FAIR AND ROBOTICS OLYMPICS S/Y 2026-2027

S/Y 2026-2027

ROBOTICS OLYMPICS

Chairman: Francis Richard D. Villar
(Secondary)

Co-Chairmen: Ellyn B. Magistrado
Wilan Joseph Laniog
Eric Filio
(Elementary)
Joy Anne S. Dapito
Nezy S. Padayao
Cindy A. Filio

ON-THE-SPOT POSTER MAKING

Chairman: Teresa S. Lara

Co-Chairmen: Madel Ibarrientos
Cindy A. Filio
Jennifer N. Manaog

SCHOOL SHOUT-OUT

Chairman: Dindo Zoilo L. Ibarreta

Co-Chairmen: Cindy D. de los Santos
Maila B. Ceguera
Virgilio S. Puso
Hector M. Pantí



**IRIGA
SPRINGS**

*Sa Serbisyang Tapat at Mangagap,
Edukasyon ay Dekalidad!*

Sto. Domingo, Lungsod Iriga
iriga.city@deped.gov.ph



Republika ng Pilipinas

Kagawaran ng Edukasyon

REHIYON V (BIKOL)

TANGGAPANG PANSANGAY NG MGA PAARALAN NG LUNGSOD IRIGA

Enclosure 2

**DIVISION, SCIENCE, TECHNOLOGY, FAIR, AND ROBOTICS OLYMPICS
S/Y 2026-2027**

MATRIX OF ACTIVITIES

September 2, 2026	September 7, 2026	September 8, 2026
	6:00-8:00 am Putting-up of Exhibit Display	
	8:30-10:00 am Opening Program and Opening of Exhibit Display Venue: San Agustin (Stand Alone) Senior High School	8:00-10:00 am Robotics Olympics Autonomous Navigation Challenge (Elementary)
	10:00-12:00 am Sci-Quiz • Elementary- Grades 3-6 • Secondary- JHS: Grades 7-10 SHS: Grades 11-12	10:00-12:00 noon Autonomous Battle Arena Challenge (SumoBot) (Secondary)



**IRIGA
SPRINGS**

*Sa Serbisyo ng Tapat at Mangap,
Edukasyon ng Dekalidad!*



Sto. Domingo, Lungsod Iriga
iriga.city@deped.gov.ph



Republika ng Pilipinas

Kagawaran ng Edukasyon

REHIYON V (BIKOL)

TANGGAPANG PANSANGAY NG MGA PAARALAN NG LUNGSOD IRIGA

1:00 pm onwards Preparatory Conference and Workshops of DSRC and TWG	1:00-5:00 pm ➤ Science Congress (Simultaneous) • Life Science • Physical Science • Robotics and Intelligent Machines • Mathematics and Computational Science • Science Innovation Expo ➤ Poster Making Contest Venue: San Agustin (Stand Alone) Senior High School	1:00-3:00 pm Robotics Olympics RC Robot Soccer (Secondary) 3:00-5:00 pm Closing Program and Awarding of Winners
---	---	---



IRIGA SPRINGS

*Sa Serbisyo ng Tapat at Mangap,
Edukasyon ang Dekalidad!*



Sto. Domingo, Lungsod Iriga
iriga.city@deped.gov.ph



Republika ng Pilipinas
Kagawaran ng Edukasyon
REHIYON V (BIKOL)

TANGGAPANG PANSANGAY NG MGA PAARALAN NG LUNGSOD IRIGA

Enclosure No. 1: Guidelines of the Division Science Quiz Competition

GUIDELINES OF THE DIVISION SCIENCE QUIZ COMPETITION

The following guidelines shall be adopted in the conduct of the Division Science Quiz Competition.

1. The Division Science Quiz Competition shall be conducted in Grades 3 to 6 at the elementary level, Grades 7 to 10 at the Junior High School Level, and Grades 11 to 12 at the Senior High School Level to promote excellence in Science among the learners.
2. The competition at the elementary level shall have two rounds: an Elimination Round and a Final Round. The Elimination Round shall be done at the district level with one (1) participant per school while the top 5 scorers in the Elimination Round will advance to the Final Round which will be conducted at the Division level. On the other hand, all contestants at the JHS and SHS levels will proceed immediately to the Final Round.
3. The questions shall be based on the Most Essential Learning Competencies (MELCs) in Science from Quarter 1 to Quarter 4 in the respective grade levels.
4. The respective coaches shall prepare Level 1, Level 2, Level 3, and a Clincher question.
 - a. Level 1 Questions are Lower-Order Thinking Skills, which are under the cognitive process of remembering, understanding, and applying based on Bloom's Taxonomy.
 - b. Level 2 Questions are Higher-Order Thinking Skills which are under the cognitive process of analyzing, evaluating, and creating based on Bloom's Taxonomy.
 - c. Level 3 Questions and Clincher Questions are also Higher-Order Thinking Skills questions but will have no options.
5. Levels 1 and 2 questions shall be Multiple Choice type with 4 options labeled A, B, C, and D, and with only one (1) correct answer marked with



**IRIGA
SPRINGS**

*Sa Serbisyo ng Tapat at Mangap,
Edukasyon ng Dekalidad!*



Sto. Domingo, Lungsod Iriga
iriga.city@deped.gov.ph



Republika ng Pilipinas
Kagawaran ng Edukasyon
REHIYON V (BIKOL)

TANGGAPANG PANSANGAY NG MGA PAARALAN NG LUNGSOD IRIGA

- a (✓) opposite the letter. The correct answer to the Level 3 and Clincher questions shall be written at the lower part of the paper. All questions per level will be encoded in A4 size bond paper using Arial font type, bold, and size 15. It shall be submitted to the chairman of the Quiz Competition, sealed in a long white mail envelope labeled with the corresponding type of question one hour before the start of the event.
6. The competition shall be held orally. Contestants will use a "Show Me Board" or whiteboard where the correct answer will be written using a marker.
 7. The questions shall be read twice by the quiz master and the contestants will have 10 seconds to write their answers. After 10 seconds, the quiz master will say "Stop. Raise your board" to indicate that the time is up. Contestants who will not be able to raise his/her board immediately will lose the chance to earn point/s for the particular question. The quizmaster will then recognize each contestant and judge the answer by saying the contestant number and the word "Correct" or "Wrong" based on the contestant's answer on his board. Then, the competition proceeds with Levels 2 and 3 following the same procedures.
 8. The points earned per correct answer are shown below:
Level 1 - 1 point
Level 2 - 2 points
Level 3 - 3 points
Clincher - 1 point
 9. The contestants who will garner the top five (5) highest combined scores in the three levels will be declared as the Champion, 1st Runner Up, 2nd Runner Up, 3rd Runner Up, and 4th Runner Up respectively.
 10. In case of a tie, clincher questions will be given until the winners are finally determined.
 11. The School Head shall review and quality-assure all the questions and ensure their alignment with the Most Essential Learning Competencies (MELCs) of the respective grade level. Then, he/she shall affix his/her signature at the lower part of the sheet.

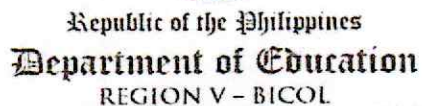


**IRIGA
SPRINGS**

*Sa Serbisyo ng Tapat at Mangagap,
Edukasyon ng Detalidad!*



Sto. Domingo, Lungsod Iriga
iriga.city@deped.gov.ph



SUPPLEMENTARY GUIDELINES AND CORRIGENDUM TO CONTEST MECHANICS IN ROBOTICS OLYMPICS

1. Track Specifications

- Black line on a white background
- Track Size: 8ft x 8ft

2. Course Complexity

- Straight paths
- Smooth curves
- Sharp 45° turns
- Sharp 90° turns
- Dead-end style curves

3. Surface Material

The competition track shall be:

- Professionally printed on tarpaulin
- Installed over a smooth and level floor

This standard surface shall be used for all competition runs to ensure equal wheel traction for all teams.

4. Timing Rule

Competition time shall:

- begin immediately once the robot starts moving after the referee's signal;
- stop **only when the entire body of the robot has completely crossed the finish line.**

Partial crossing of the finish line shall not stop the timer.

5. Tie-Breaking Procedure

If two or more teams record identical fastest times, an additional single timed run shall be performed on the same mat.

The decision shall be announced by the Tournament facilitator.

B. EcoBot Collection Challenge

Additional Technical Specifications

1. Eco-Token Specifications

The competition shall use standardized Eco-Tokens.

Each Eco-Token shall:

- not exceed 5 cm × 5 cm × 5 cm
- weigh not more than 50 grams

Objects may consist of:

- foam blocks
- plastic bottles
- cans
- lightweight recyclable materials

2. Number and Placement of Eco-Tokens

A total of 10 Eco-Tokens shall be positioned at predetermined locations on the arena.

They shall consist of:

Recyclable Eco-Tokens

- **10 points each**
- located inside the **Green Zones**

Special Eco-Tokens

- **20 points each**
- located inside the **Red Zones**

The official arena map shall identify all token positions before the competition begins.

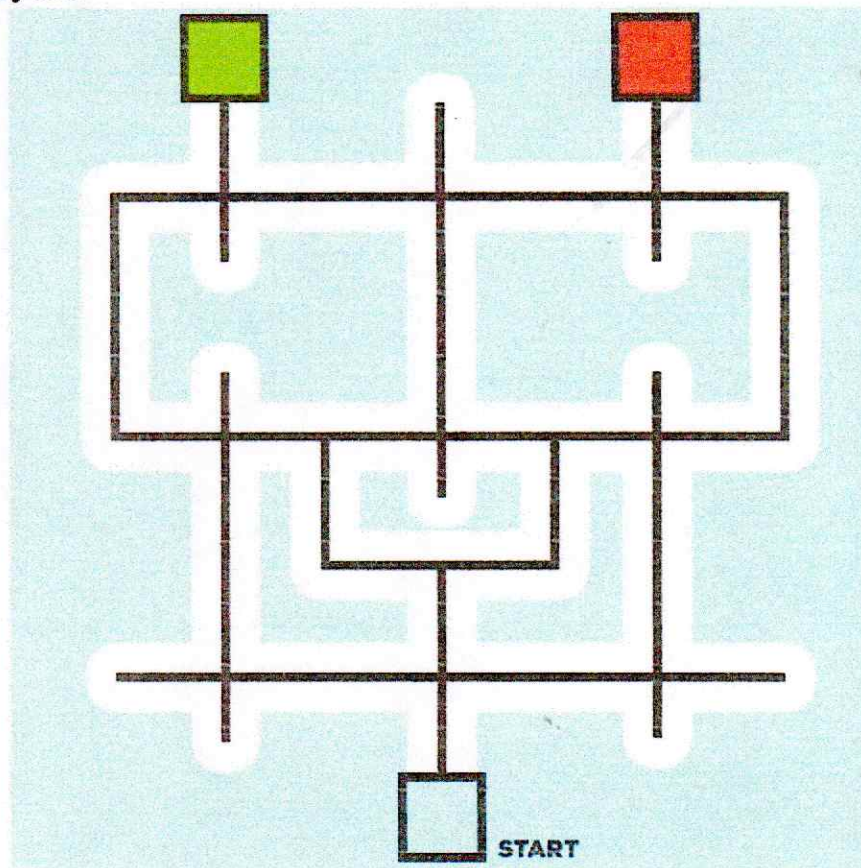
3. Arena Surface

The official playing field shall consist of:

- 8 ft × 8 ft tarpaulin
- printed competition layout
- installed over a smooth and level floor

This standardized surface ensures consistent friction for all competing robots.

4. Track Layout



C. RC Robot Soccer

Additional Technical Specifications

1. Official Ball

The official game ball shall be a:

- Standard Tennis Ball

Specifications:

- Diameter: approximately 6.5–6.9 cm
- Weight: 56–59.4 grams
- Felt-covered rubber tennis ball

No other ball type shall be used.

2. Official Playing Field

The RC Soccer arena shall measure:

Item	Specification
Length	2430 mm (2.43 m)
Width	1830 mm (1.83 m)
Surface	Dark Green Carpet (3–5 mm thick)
Goal Width	45 cm
Goal Depth	7.5–8 cm

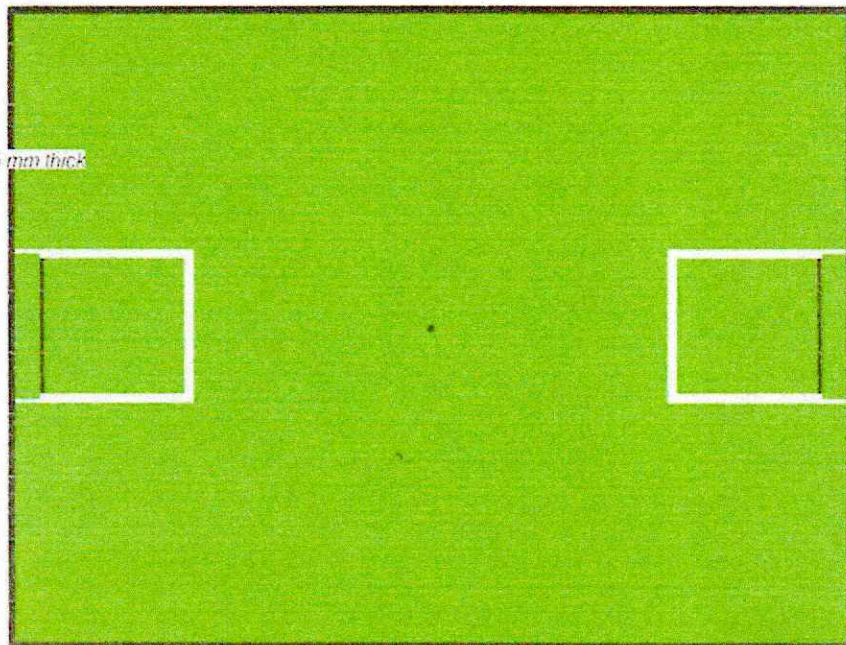
There shall be NO perimeter walls surrounding the playing field.

These dimensions are adapted from the existing guidelines, with the clarification that walls will not be used.

Refer to the track layout below.

Adapted from WRO 2021
Length: 2430 mm (2.43 meters)
Width: 1830 mm (1.83 meters)
Surface: Dark green carpet, 3–5 mm thick

Goal Width: 45 cm
Goal Depth: 7.5–8 cm



To prevent signal interference,
all teams shall use:

- 2.4 GHz FHSS (Frequency Hopping Spread Spectrum) radio controllers, or
- communication channels assigned by the Tournament Committee during registration.

Any controller causing interference with another team may be prohibited.

4. Ball Out-of-Play Restart Rule

If the ball completely leaves the playing field during active play:

1. The referee shall immediately stop play.
2. The ball shall be returned to the field and placed by the referee at the point on the sideline nearest to where it exited the playing area.
3. The first kick or touch after the restart shall be awarded to the opposing team (the team that did not cause the ball to go out of play).
4. All opposing robots must remain at least 30 cm away from the ball until it

6. If a team deliberately or repeatedly forces the ball out of the playing field to gain an advantage, a **20-second penalty** shall be imposed on the offending team. Repeated violations may result in additional disciplinary action at the discretion of the referee.

Note: Since the RC Robot Soccer field has no perimeter walls, all balls that leave the playing area shall be restarted using this procedure to ensure fair and continuous gameplay. This rule complements the existing provisions on field boundaries and penalties.

D. Official Practice and Calibration Period

To ensure fairness and allow teams to adapt to the official competition arena, the organizers shall provide an Official Practice and Calibration Period under the following conditions:

1. The official competition arena shall be opened **three (3) hours before the start of the competition.**
2. During this period, teams may:
 - o test and calibrate their robots on the official competition track or arena;
 - o adjust sensor settings, motor parameters, and mechanical components; and
 - o upload or modify their programs as necessary.
3. Once the official practice and calibration period has ended and the competition proper begins, **no further hardware adjustments, software modifications, or program uploads shall be permitted** unless expressly authorized by the Head Referee due to technical issues beyond the team's control.
4. Teams shall follow the practice schedule and time allocations established by the organizers to ensure equal access to the official arena for all participants.

*Note: A **three (3)-hour official practice and calibration period** shall be provided prior to the start of the Line Tracing competition.*

E. General Organizational Clarification

Standardized Technical Inspection Checklist

Before the competition begins, all robots shall undergo inspection using a standardized Technical Inspection Form.

The checklist shall include verification of:

- Robot dimensions
- Weight limits
- Sharp edges
- Secure mounting of parts
- Mechanical safety
- Communication system
- Proper identification markings (Team Identification)
- Compliance with event specifications