





ANNOUNCEMENT OF FIRST® LEGO® League Cyprus 2025-2026

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1 Introduction

The <u>Cyprus Computer Society (CCS)</u> announces the organization of the FIRST® LEGO® League Cyprus 2025 - 2026 (FLL Cyprus 2026) in collaboration with <u>EDUACT</u>. Eduact is the exclusive partner for the organization of the FIRST® LEGO® League educational innovation, research and robotics competitions in <u>Greece</u>, Cyprus, Bulgaria and other Balkan countries.

The <u>FIRST® LEGO® League</u> is the world's largest robotics league and enables children aged 4-18 to participate in a unique festival through which they learn, interact, collaborate and have fun! It introduces Science, Technology, Engineering, Arts and Mathematics (STEAM) through fun, exciting and hands-on learning activities and develops 21st century skills.

FIRST® LEGO® League is part of the robotics programs offered by <u>FIRST Inspires</u>.

2 FIRST® LEGO® LEAGUE Programmes

FLL includes 3 programs that address three age categories, two are festivals and one is a competition as follows:

2.1 FIRST® LEGO® LEAGUE Discover (Festival)

This playful introductory STEAM programme reignites young children's natural curiosity and builds habits of learning with hands-on activities in the classroom and at home using LEGO® DUPLO® bricks.



- ✓ Combined, optionally and if the team wishes, with <u>STEAM Park & Coding Express</u> equipment to allow for more educational sessions/workshops to better prepare the team.
- √ The team consists of 2-4 children (4-6 years old, preschoolers and toddlers)
- ✓ Team participation fee: 100€

2.2 FIRST® LEGO® LEAGUE Explore (Festival)

In FLL Explore, the teams focus on engineering fundamentals as they explore real-world problems, learn to design, program and create unique solutions built with LEGO bricks and powered by LEGO® Education WeDO 2.0 or LEGO® Education SPIKE™ Essential.



- ✓ Combines with SPIKE™ Essential and LEGO WeDO 2.0 equipment
- √ The team consists of 2-6 children (6 10 years old, 1st 4th grade)
- ✓ Team participation fee: 150€

2.3 FIRST® LEGO® League Challenge (Competition)

Friendly competition is at the heart of the FIRST® LEGO® League Challenge, as teams engage in research, problem-solving, coding and engineering - building and programming a LEGO robot that navigates the missions of the Robot Game and present an Innovation Project to a group of Judges.



- ✓ Combines with SPIKE™ Prime, LEGO EV3 and Mindstorm equipment
- √ The team consists of 2-10 children (10 16 years old, 5th Primary 3rd Lyceum)
- ✓ Team participation fee: 350€







3 The Season's Theme



During the 2025-2026 season, FIRST® UNEARTHEDSM with the code name FIRST® AGE presented by Qualcomm, we are spotlighting the role STEM and collaboration skills play in the exploration of archaeology. Participating teams will innovate and contribute to the effort to utilise robotic technology by archaeologists, for example, in the excavation process to discover ancient civilisations, but also to imagine what our lives would be like today if robotics technology had also been available to people thousands of years ago. The future belongs to children, and we invite them to explore it!



In this context, the teams will imagine and propose new ways of exploring, preserving and protecting archaeological sites from threats (e.g. looters, treasure hunters) and ideas for exploiting the potential they offer through model and innovative solutions.

Watch an informational welcome video for this year's theme → UNEARTHED

Watch the video that reveals t → FIRST AGE BY QUALCOMM

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4 Preparation of your Teams

4.1 Training Materials

By participating in the FIRST® LEGO® League Discover, Explore, Challenge the team gets:

- 1. Set of equipment that can be combined with the existing equipment of the team
- 2. Lesson plans for the teams' preparation training sessions
- 3. Engineering manual/student's guidebook for guidance (available online)
- 4. Teacher training sessions
- 5. Participation in the relevant festival (expo event) or competition
- 6. Certificates and medals for the participants of the event or competition

Especially for the Challenge competition, teams get extra:

- 1. The detailed rule book for the Robot Game
- 2. Task evaluation rubrics that help teams in the design of their robot
- 3. The Challenge Set which includes the Mission Models and the themed Track (LEGO Mission Models & Mat).

4.2 Preparation for the FLL Discover (Festival)

See the video for the Discover equipment set.



The FIRST® LEGO® League Discover season culminates with an expo event where teams share their work and knowledge (with volunteers, friends, family and the general public who will be visiting the event) by presenting their builds and posters and any other materials they have prepared (e.g. presentations, videos, etc.).

There are no motorized parts in Discover, they must be duplo. There is no restriction on the number of pieces that can be used they just have to be exclusively LEGO. As mentioned above, with the Discover set provided with your subscription, STEAM Park or Coding Express can be used optionally.

It should be noted that Discover is not competitive in nature and no winning teams are selected; all children are rewarded for their efforts and the presentation of their creations.







4.3 Preparation for the FLL Explore (Festival)

See the video for the Explore equipment set.



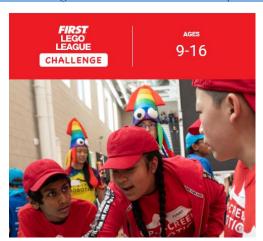
The FIRST® LEGO® League Explore season culminates with an expo event where teams share their work and knowledge (with volunteers, friends, family and the general public who will be visiting the event) by presenting their crafts and posters and any other materials they have prepared (e.g. presentations, videos, etc.).

In Explore, structures can have one brain and as many motors or sensors as can be connected to that brain, e.g. 2 motors only or 1 motor and 1 sensor. As mentioned above in Explore, SPIKE Essential or WeDO 2.0 or WeDO can be used in conjunction with the kit provided with your subscription. As with Discover, there is no limit to the number of pieces that can be used just that they must be exclusively LEGO.

It should be noted that, as in Discover, Explore is not competitive in nature and no winning teams are selected; all children are rewarded for their efforts and the presentation of their creations.

4.4 Preparation for the FLL Challenge (Competition)

See an <u>overview of this year's Challenge</u>
See an <u>overview of last year's Challenge</u> with more details on the process



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The FLL Challenge season culminates with a competition in which teams present their work in two areas

- (a) In an Innovation Project and Robot Design always applying the Core Values of FIRST.
 - ✓ In their presentation to a group of Judges, all teams receive constructive feedback on their robot, programming and innovation.
 - ✓ Learn more about the Innovation Project judging/evaluation process.
- (b) The final challenge in the three competition rounds of the **Robot Game**, where the robots compete for the best score in an impressive field!
 - ✓ In the Challenge, teams can only use electronic pieces from the sLEGO Mindstorm, EV3, SPIKE and Inventor series. For non-electronic pieces, they can use any and all LEGO pieces they want. For robot weight there is no limit and for size all equipment must fit within the two bases of the field and be no more than 12 inches (305mm).
 - ✓ See the Robot Game Rules Guide and the Challenge Robot Game Tasks video and note that all the equipment and the field shown in the video is given to the team when registered.

Challenge teams are also competing for prizes in the individual categories of the competition, check out the awards here.

5 Educational Guides, Development Cards & Rules

Full training material, guides and detailed regulations are provided to prepare the teams properly. We advise you to read, study and use the material with your team in order to achieve the best possible result.

After completing the registration and payment of your team's participation fee, you will be given access to materials and season guides for coaches and teams.

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6 Registration, Payment & Participation in FIRST® LEGO® League Cyprus

The FIRST® LEGO® League Cyprus event is the first activity of the Cyprus Computer Society that requires the payment of a fee by the participants due to the corresponding costs that the CCS itself pays to the organization FIRST®. It is again noted that with their subscription each team receives materials and equipment, including the field for the particular program, which will be used for its training and preparation.

To participate in the FIRST® LEGO® League Cyprus the following steps must be completed:

✓ Registration of teams by the coaches- Make your registrations here!

ΠΡΟΚΑΤΑΡΚΤΙΚΕΣ ΕΓΓΡΑΦΕΣ Provisional Registrations

✓ Depending on the programme in which the team participates, payment of the corresponding participation fee to the CCS bank account below:

Beneficiary Name: CYPRUS COMPUTER SOCIETY

Bank: Τράπεζα Κύπρου

Account Number: 0174-0101-3393

IBAN: CY21 0020 0174 0000 0001 0133 9300

SWIFT BIC: BCYPCY2N

For facilitation and quick completion of the registration process:

- ✓ On the deposit form please also include: FLL CYPRUS, NAME OF THE COACH and YOUR CONTACT PHONE.
- \checkmark Please send the deposit receipt to Ms. Christina Papamiltiadou at <u>c_papamiltiadou@ccs.org.cy</u> with a PDF file and the name of the coach as the file name.

Upon receipt of the above, the CCS will then send you:

- Within 2 working days, by email, **the access codes** to the training material so that you can immediately start training and preparing your team.
- Within 7 working days at the latest, the set of equipment for the event you registered for.
 - The equipment will be sent to a courier office in your area and you will receive a call on the contact number you specified with your registration.
 - Please note that you will have to pay the shipping cost to receive your set. Alternatively, you may collect your set from the CCS office in Nicosia.

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7 Timeframe & Event Venue

The FIRST® LEGO® League Cyprus event will be organized on Saturday 21st March 2026 at the European University of Cyprus.

Action/Activity	Period of Implementation	
Event Announcement & Invitation for registrations by coaches		
Team Registrations, Payment of Participation Fee. Please refer to section 6 above.	September 2025 – 11 January 2026	
Dispatch of equipment kits to coaches and access to the educational/training materials.		
Informational and educational meeting of coaches	November 2025 – Exact date will be announced in due course.	
End of registrations for participation	11 January 2026 (approximately two months remaining for training/preparation)	
Informational and educational meetings of coaches	Dates for 2026 will be announced in due course.	
FLL Discover & FLL Explore Festivals & FLL Challenge	Saturday, 21 st March 2026	

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8 Participation in International Events

This year Cyprus will participate in at least one FIRST world tournament in the FLL Challenge category.

Participation in International Events			
FIRST Championship, Houston, USA 29 April – 2 May 2026	In case we are given a place in another regional/international event, this will be announced accordingly.		

It is noted that no international and/or regional festivals have been announced for the Discover and Explore programmes. In case such events are organized the CCS will request the participation of team/s from Cyprus and an announcement will be issued accordingly.

9 Useful Resources

- Community for the FLL Challenge: https://www.facebook.com/groups/FLLShareandLearn/
- Community for FLL Explore: https://www.facebook.com/groups/FLLJrShareandLearn/
- First® Lego® League Channel Youtube: https://www.youtube.com/@FIRSTLEGOLeagueofficial
- Highlights from the 10 Years FIRST LEGO League Greece
- Highlights from the FLL Open International Greece
- FIRST® LEGO® League Explore

10 More Information & Communication

For more information on the FIRST® LEGO® League you may visit the website of the international event at https://www.firstlegoleague.org and the website of Eduact for FLL Greece at https://firstlegoleague.gr.

For more information on the του FIRST® LEGO® League Cyprus event, you may contact Mrs. Christina Papamiltiadou on the number 22460680 and by email on <u>c_papamiltiadou@ccs.org.cy</u>.

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