

2024-2025 *FIRST*® LEGO® League Macao

FLL Explore Registration Guidelines

The *FIRST*® LEGO® League (Macao) is at the Macao Science Center!

◆Purpose:

1. To cultivate students' creativity, critical thinking, and integration of knowledge to create innovative solutions.
2. To apply learned mathematics, science, and technology information to real-world problems.
3. To develop students' skills in technology, effective communication, teamwork, and increase personal confidence.

2024-25 Season Theme **SUBMERGED** will take students away from land and dive into the depths of the ocean to explore different marine areas. Through hands-on design, exploration, and research, students will understand underwater ecology and technological applications, raising awareness of the importance of sustainable oceans. Students will collaborate to create unique solutions using the LEGO® Education SPIKE™ Essential kit and present their learning outcomes through display boards and reports.



◆Organizer: Macao Science Center

◆Implementer: Macao Gifted Education Association, Macao Technology Innovation Education Society

◆Team: Students aged 6-10 (as of August 1, 2025); each team consists of 2-6 students and 1-2 adult mentors.

◆Required Equipment: 2025 FLL Competition Set (#45827) and LEGO® Education SPIKE™ Essential kit.

◆Competition: Students will collaborate to create unique solutions using the LEGO® Education SPIKE™ Essential kit and present their learning outcomes through display boards and reports based on this year's theme "SUBMERGED - Deep Sea Exploration." Judges will

visit your team for a 10-minute session, consisting of 5 minutes for presentation and 5 minutes for questions.

◆Dates:

Registration: Now until March 30, 2025 (23:59PM); complete registration form.

Workshop: February 8, 2025 (Saturday), organized by LEGO® Education at MSC (priority for successfully registered teams).

Competition Date: May 10, 2025 (Saturday).

Mentor Meeting: May 2, 2025 (Saturday).

◆Registration Fee: MOP 3,100.00 per team, which includes the “2025 FLL Competition Set (#45827)”; successful registration requires the completion of the payment after submitting the registration form.

◆Registration Method: Refer to the Macao Science Center website at www.msc.org.mo

◆Awards: All participating teams will receive certificates. The overall champion, first runner-up, and second runner-up will receive trophies. Additional awards include:

Challenge Solution Award (1 to 6)

Coding Award (1 to 6)

Core Values Award (1 to 6)

Team Model Award (1 to 6)

Team Poster Award (1 to 6)

◆Other Information:

1. The rules of the competition are based on the English version.
2. Winning teams may have the opportunity to participate in nearby regional or local competitions within the same season, subject to announcements from LEGO® Education.
3. Competition results and winning teams will be announced on the Macao Science Center official website: www.msc.org.mo.
4. The organizers reserve the right to terminate the competition, modify the registration guidelines, or disqualify participants for inappropriate behavior.
5. In case of any disputes, the organizers reserve the final interpretation rights.

◆For registration details, please contact:

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