

2024-2025 *FIRST*® LEGO® League Macao

FLL Discover Registration Guidelines

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

◆Purpose:

Through hands-on activities, students will grasp foundational STEM knowledge, stimulate their innate curiosity, and cultivate a positive learning attitude.

For the 2024-25 season, the theme is **SUBMERGED**, guiding students to leave the land and dive underwater to explore different marine areas. Through hands-on design, exploration, and research, students will understand underwater ecology and technological applications, emphasizing the importance of sustainable oceans! Under the guidance of teachers, participating teams will conduct thematic studies, using the STEAM Exploration Kit and the annual kit to build solution models and report their learning.



◆Organizer: Macao Science Center

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

◆Team: Students aged 4-6 (before August 1, 2025); each team consists of 2-4 students and 1 adult mentor.

◆Required Equipment: 2025 FLL Discover Innovation Kit (#45828) and STEAM Exploration Kit (#45024)

◆Competition: According to this year's theme, under the guidance of teachers, teams will undertake thematic studies, using the STEAM Exploration Kit and the annual kit to build solution models and team posters to present the entire project process and all the content learned during the study. Judges will visit your team for 10 minutes, consisting of 5 minutes for a 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 the MSC (priority for successfully registered teams).

Competition Date: May 10, 2025 (Saturday)

Mentor Meeting: May 2, 2025 (Saturday)

◆Registration Fee: MOP 2,600.00 per team, which includes the "2025 FLL Discover Innovation Kit (#45828)"; registration is successful only after completing the payment.

◆Awards: All participating teams will receive a certificate. The competition will also include the following awards, with medals and trophies for winning teams:

Cooperative Builders (1-4)

Super Problem-Solvers (1-4)

Expert Explainers (1-4)

Creative Designers (1-4)

Amazing Inventors (1-4)

◆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:

Ms. Tan: (853) 6565 5209

Mr. Chan: (853) 6360 8012

Alex: (853) 6336 9298