2026/27 *FIRST*® LEGO® League Macao Regional Final

FLL Explore - Founders Edition Registration Rules

Objectives

Through teamwork, creativity, and technology, students use LEGO® Education SPIKE™ Essential sets to create unique solutions, and present their work via posters and reports to showcase learning outcomes.

Season Theme

Students will work together in teams, applying creativity and technology with the LEGO® Education SPIKE™ Essential set to develop unique solutions, and they will showcase their learning outcomes through posters and presentations.

Partnership

Organizer: Macao Science Center
Support by: Education and Youth Development Bureau, Urban Planning and Construction Bureau of Guangdong-Macao In-Depth Cooperation Zone in Hengqin
Implementer: Macao Gifted Education Association

Eligibility and participation

Students in Grades 1-4. Each team is composed of 4–6 students and 1–2 adult coaches.

***The competition is open to both school-based and community-based teams.**

Required Kits

2026/27 FLL Explore Set (#45833) and LEGO® Education SPIKE™ Essential kits.

Competition Date

Early June, 2027 (to be announced)

Registration

Deadline: From now until 23:59, April 30, 2027.
To register, please visit: www.msc.org.mo
Registration fee: MOP3,000 per team, which includes one **2026/27 FLL Explore Set (#45833)**.
For institutions that register three teams at once, a bundle discount of MOP1,500 off the total amount. Registration is only confirmed after payment is completed.

Briefing Session

Date: October 10, 2026, 10:30–11:30
Content: Explanation of competition regulations.

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FIRST LEGO LEAGUE EXPLORE

Ecology Talk

Date: April 03, 2027, 10:00-13:00 (MSC Convention Center)
Participant cap: 60 individuals; With a maximum of 3 participants per enrolled FLLE team.
Content: Biologist Dr. Danny Leong is invited to introduce core concepts of biodiversity and ecological conservation, along with an overview of related scientific research.

Competition Details

Using the 2026/27 FLL Explore Set (#45833) and the LEGO® Education SPIKE™ Essential Set, teams will build models and program them to create and present their investigation and solutions related to the annual theme **BIOGLOW**.
Teams will also produce a display poster and give a presentation to showcase their learning outcomes. Judges will visit each team for up to 15 minutes, including 10 minutes for the team presentation and 5 minutes for judges' questions.

Awards

All teams will receive certificates. The competition will also present the following awards, with winning teams receiving trophies or medals.

Champion	Challenge Solution Award	Team Model Award
1st Runner-up	Core Values Award	Team Poster Award
2nd Runner-up	Coding Award	

Other Information

1. Winning teams may have opportunities to participate in international or regional competitions within the same season, subject to FIRST®LEGO®League Greater China Organizing Committee announcements.
2. Results and awardees will be announced on the Macao Science Center website: www.msc.org.mo
3. The organizer has the right to terminate the event, modify regulations, or disqualify teams for misconduct.
4. Any disputes will be subject to final interpretation by the organizer.

For inquiries, please contact:

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FIRST LEGO LEAGUE EXPLORE
BIOGLOW FOUNDERS EDITION