

FIRST® LEGO® League Malaysia 2020



CITY SHAPER



Architects design and construct buildings. They combine science and art to make buildings and structures for their clients. Sometimes they make new buildings and sometimes they redesign old ones. Our cities and towns face major issues, like transportation, accessibility and even natural disasters. How can we shape a better future for everyone? It will take teamwork and imagination. Are you ready to build a better tomorrow together?

In the Robot Game, your team will:

- **Identify** Missions to solve.
- **Design, build and program** a LEGO® Robot to complete the Missions.
- **Test and refine** your program and design.

Your Robot will have to navigate, capture, transport, activate, or deliver objects. You and your Robot will only have 2½ minutes to complete as many Missions as possible. So, be creative!

In the Innovation Project, your team will:

- Identify a problem with a building or public space in your community.
- Design a solution.
- Share your solution with others and then refine it.

At official events, your team will present your Project, including the problem, your solution, and how you shared it, in a 5-minute presentation.

Get Started. You Will Need:

Teams of up to 10 children and youth	Ages 9 to 16	Facilitation by Adult Coaches and Mentors	A Meeting Place (school, after-school, homeschool, or community space)
Support from parents, teachers, and community volunteers	LEGO® MINDSTORMS® Robot Set and Annual Challenge Set		A minimum of 8 weeks

What It Offers:

- Application of science and math concepts
- Hands-on problem solving
- Programming experience
- A new real-world themed challenge each year
- An exciting sports-like tournaments with judges and awards

ORDER FORM

All information must be filled out completely.

*Primary contact person:

*Designation:

*Mobile:

*Email:

*Secondary contact person:

*Designation:

*Mobile:

*Email:

*Compulsory to fill in.

Team name:

School/University/Organisation:

Address:

Office:

We would like to register for the following package (please ✓ the appropriate box)

Registration for one team only (FLL 2020)

- 1 X FIRST® LEGO® League Challenge Kit
- 1 X Access Link to FIRST® LEGO® League Coaches Handbook & Technical (softcopy)
- Inclusive of food and beverage during the event

RM 2,600

RM 2,400

Early bird registration
(Before 31 December 2019)

Order for LEGO® MINDSTORMS® Education Kit

- 2 X 45544 LEGO® MINDSTORMS® Education EV3 Core Set & Software (RM 6400)
- 1 X 45560 LEGO® MINDSTORMS® Education EV3 Expansion Set (RM 860)

Now only at

RM 7,260

Original Price: RM 9,860

Free registration for one team only (FLL 2020)

- 1 X FIRST® LEGO® League Challenge Kit
- 1 X Access Link to FIRST® LEGO® League Coaches' Handbook & Technical (softcopy)
- Inclusive of food and beverage during the event

Registration fee
WAIVED
RM 2,600

Please note that:

1. Registration is based on first-come, first-served basis for the first 100 teams only.
2. The closing date for registration is 29 February 2020.
3. Please email or fax your completed Order Form (attached with the payment slip or LPO) to:
lego@sasbadi.com or fax: **+603-6145 1199/6156 9080**

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Telephone: +603-6145 1029 **Website:** fil.sasbadi.com

Signature & Stamp

Date:

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