

Mission MOONSM



Explore!

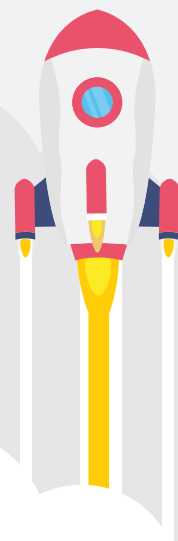
What do you need to know about the Moon to live there? What will you eat and drink? How will you get energy? How will you breathe? What will you do for fun? What other problems will you have to solve?

Create and Test!

Design and build a Moon Base. Use the LEGO® rocket ship and other elements from the Inspire Set to help you. Show your ideas for how to solve one or more of the problems you explored. Also be sure to use LEGO® Education WeDo 2.0 to build and program at least one motorised part of your Moon Base.

Share!

Make a *Show Me* poster. Use it and your Moon Base to share what you have learned with others. Participate in an Expo, invite your family and friends to a special team meeting, or share your *Engineering Notebook* to show what you know about living on the Moon!



www.firstlegoleaguejr.org | www.firstinspires.org

FOR INSPIRATION & RECOGNITION OF SCIENCE & TECHNOLOGY



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The STEM Agenda

Did you know that **Science, Technology, Engineering and Mathematics (STEM)** has become the main focus not only for the Ministry of Education Malaysia, but also for educators and leaders all around the world?

STEM education creates critical thinkers, increases science literacy, and enables the next generation of innovators. As technology continuously expands into every aspect of our world, STEM skills will undeniably be the core ingredient of every effective worker in the future.



Start a Team

FIRST® LEGO® League Jr. captures the curiosity of young children aged 6 to 10, and directs it toward discovering the wonders of science and technology. Children explore and research a real-world topic, design and build a model using LEGO® elements while making sure there is at least one motorised part, and then present their findings on a poster.

1

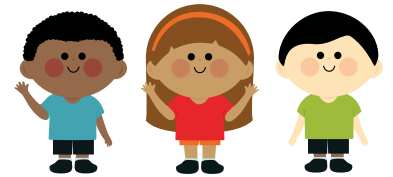
**Learn
about what
we do**

Each August, the program releases a two-part Challenge for teams.

- **Create:** Teams illustrate their research and team journey in a *Show Me Poster*, sharing what they studied and learned.
- **Build:** Teams design and build a Team Model based on the Challenge, representing what they have learned.
- **Program:** Teams use LEGO® Education WeDo to build and program a model that moves, learning basic engineering and programming concepts.

2

**Form
your
team**



You need:

- Up to 3 team members
- 1 Coach
- Meeting space
- Computer with internet access

3

**Register &
gather your
materials**

You need:

- **FIRST® LEGO® League Jr.** Inspire Set – includes bricks, elements, and an exclusive model that serves as the hub of every season.
- Poster board
- Markers

4

**Begin work
on the
Challenge**

Explore:

- Visit the **FIRST® LEGO® League Jr.** YouTube Channel for Getting Started Tutorials and more
- See what other teams are doing at www.pinterest.com/firstinspires

FLL.SASBADI.COM
firstinspires.org firstlegoleaguejr.org

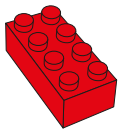
5

**Take part
in FLL Jr.
Malaysia**



Share your hard work

- Compete and practice FLL Jr. Core Values by celebrating discovery, teamwork and **Gracious Professionalism™**.
- Share ideas with other teams on Pinterest: www.pinterest.com/firstinspires
- Plan a time to present what you've done with friends and family.



ACCESSORIES

I would like to order the following products:
(Please fill in the relevant boxes)

OFFICIAL SET



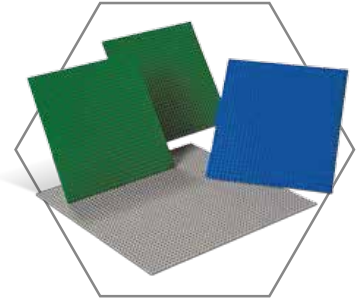
45300 WeDo 2.0 CORE SET
(RM 1,250.00)

Quantity



45803 INSPIRE SET
(RM 250.00)

Quantity



9286 LARGE LEGO BUILDING PLATE
(RM 280.00)

Quantity

HIGHLY RECOMMENDED ADD-ON ITEMS



9348 COMMUNITY MINIFIGURE SET
(RM 450.00)

Quantity



45020 CREATIVE LEGO BRICK SET
(RM 400.00)

Quantity

SINGLE ITEMS



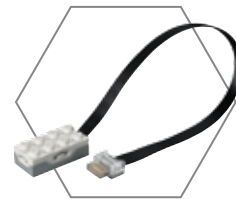
45303 MEDIUM MOTOR
(RM 180.00)

Quantity



45304 MOTION SENSOR
(RM 180.00)

Quantity



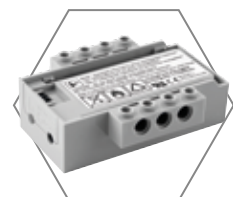
45305 TILT SENSOR
(RM 180.00)

Quantity



45301 SMART HUB
(RM 500.00)

Quantity



45302 SMART HUB RECHARGEABLE BATTERY
(RM 500.00)

Quantity



45517 TRANSFORMER DC 10V
(RM 190.00)

Quantity

FIRST® LEGO® League Jr. Malaysia 2019

Registration Form

Please fill in every field on this form.

Team Name																			
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School : _____

Address : _____

Office : +60 _____ Fax : +60 _____

Person In Charge 1 : _____ Position : _____ Mobile : +60 _____ Email : _____

We would like to register for the following package (kindly check the appropriate box):

FIRST LEGO League Jr. Malaysia Competition Set

PRICING TABLE	1xTEAM (NEW)	2xTEAMS (NEW)	1xTEAM (RETURNING)
	RM1,680 (SAVE 250)	RM3,000 (SAVE 680)	RM500
45300 WeDo 2.0 Core Set	1x45300 RM1,250	2x45300 RM2,500	(X)
45807 Inspire Set	1x45807 RM250	2x45807 RM500	RM250
45303 Medium Motor	1x45303 RM180	1x45303 FREE	(X)
FLL JR Registration Fee	FREE	FREE	RM250

Please note the following:

- 1) Registration is on first-come, first-served basis
- 2) The closing date for registration is **31 January 2019**
- 3) Please post, fax or email completed registration form
(attached with the payment slip or LPO) to:
- 4) Food and beverages are provided during the event