



在2016-2017 FIRST® LEGO® League Jr. 挑戰賽，  
隊伍需要：

- 選擇一種動物，牠的棲息地要與蜜蜂相同。
  - 學習那種動物及牠的棲息地。
  - 使用樂高®模型及展示板分享你的學習成果。
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- FIRST® LEGO® League Jr. 隊伍需要由6位6-10歲的隊員組成。
  - 隊伍由2位教練帶領，指導隊員學習及完成挑戰。



你好，我叫 **小艾**，是一隻小蜜蜂！  
我很高興能夠帶領你一起探索今年的  
主題「動物狂熱」，一齊來學習有關  
動物的奇妙世界吧！

[www.semia.com.hk/FLLJr](http://www.semia.com.hk/FLLJr)

## FIRST® LEGO® League Jr. CREATURE CRAZE<sup>SM</sup> Challenge 「動物狂熱」挑戰賽

教練將會帶領隊伍經歷**探索**、**創作**及**分享**這三個階段來完成挑戰

### Explore It!

發揮你的創意，使用FLL Jr. 靈感套件來學習關於我，小艾的事情吧！  
嘗試探索我們蜜蜂的棲息地，找出蜜蜂為什麼那麼重要。

然後選擇一種與蜜蜂有共同棲息地的動物，學習和了解那種動物及牠們的棲息地。蜜蜂或是你們選擇的動物，在共同的棲息地生活時有沒有面對一些挑戰呢？如果有，你們可以想一些解決辦法嗎？

你會像猴子般擺動？蝙蝠般飛行？或是青蛙般跳躍？任你想像！

### Create It!

搭建一個樂高®模型，這個模型包含了你所選的動物、靈感套件以及一隻蜜蜂，牠們住在同一個棲息地內。用模型展示你的學習成果，模型上記得要使用樂高馬達來為最少一個模型部件提供動力。

製作一塊展示板來分享你們的學習成果，將你們過程中學到的知識教給其他人，這份展示板應包含你們的研究成果、你們選擇的動物、你們的樂高模型和你們的隊伍。

### Share It!

你們有很多不同的方法去分享你們的學習成果。你們可以：

- 舉辦一個聚會，邀請你們的家人、朋友和其他人。展示你們的樂高模型和展板。
- 參加FIRST® LEGO® League Jr. 比賽。你們會與一些義工評審及其他隊伍交流，分享你們的作品和比賽過程中所學到的知識。

在比賽過程中做任何事情，記得樂在其中！

### Note It!

- **規定使用WeDo套件：**由2016-17年賽季開始，FIRST® LEGO® League Jr. 參賽隊伍需要使用到WeDo套件來完成他們的作品，我們體會到WeDo會提供最好的實踐機會給參加隊伍。WeDo/WeDo 2.0均可以配合其他樂高®教育系列的套件於比賽中使用。
- **靈感套件(Inspire Set)：**由2016-17年賽季開始，所有隊伍會在比賽中使用靈感套件，套件包括了一個與該年比賽主題相關的樂高®模型。靈感套件是一個隊伍的研究和模型製作的起始點，亦會是他們比賽體驗其中一個不可或缺的部份。
- **網上報名：**<http://www.ltexpo.com.hk/expo/zh/2016-fll-jr/>



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In the 2016–2017 *FIRST*® LEGO® League Jr. Challenge teams will:

- Choose an animal that lives within the same habitat as a honey bee.
  - Learn about the animal and its habitat.
  - Show what you learn through a LEGO® model and Show Me poster.
- .....
- *FIRST*® LEGO® League Jr. required 6 team members ages 6 to 10.
  - 2 adult Coaches willing and motivated to guide the team through the discovery and exhibition season.
- .....



Hi, I'm **Elisa** the honey bee!  
I'm so excited to lead you through  
the CREATURE CRAZESM™ season.  
Come along to learn about the  
wonderful world of animals!

[www.semia.com.hk/FLLJr](http://www.semia.com.hk/FLLJr)

## FIRST® LEGO® League Jr. CREATURE CRAZE<sup>SM</sup> Challenge

### 「動物狂熱」挑戰賽

Coaches will guide teams through the **Explore it**,  
**Create It**, and **Share It** phases of the Challenge.

#### ..... Explore It! .....

Start by learning about honey bees like me, Elisa, using your Inspire set for Inspiration. Explore our habitats. Find out why we are important.

Then choose an animal that shares one of our habitats. Learn as much as you can about your selected animal and its habitat. Do honey bees or your animal face any challenges in their shared habitat? If so, can you think of any solutions?

*Will you swing like a monkey? Fly like a bat? Or hop like a frog? It's up to you!*

#### ..... Create It! .....

Build a LEGO® model that shows your animal, the Inspire set, and a honey bee living in the same habitat. Use the model to show what you have learned. Be sure to use a LEGO® motor to make at least one part of your model move.

Create a Show Me poster. Your poster will help you teach others about what you have learned. It should tell about your research, your animal, your model, and your team.

#### ..... Share It! .....

There are many ways for your team to share what you have learned. You could:

- Hold an open team meeting. Invite your family, friends, and others. Present your LEGO® model and Show Me poster.
- Participate in a *FIRST*® LEGO® League Jr. Expo. You will talk with volunteers called "Reviewers" and other teams. You will share what you have learned and created during the CREATURE CRAZESM™ season.

**No matter what you do, have fun!**

#### ..... Note It! .....

- **WeDo Set required:** The WeDo will become required for use in *FIRST*® LEGO® League Jr., beginning in 2016 season. We feel that the WeDo 2.0 will give the best experience for teams that are participating in the program. WeDo/WeDo 2.0 with other LEGO® Education set can be used by teams.
- **Inspire Set:** Beginning in the 2016 season, all registered teams will use an Inspire Set which contains a LEGO® model related to the year's challenge theme. The Inspire Set is a starting point for the teams' project and model, and will be an integral part of their program experience. The Inspire Set will give all teams across the globe a more consistent, complete, and quality *FIRST*® LEGO® League Jr. experience.
- **Online registration:** <http://www.ltexpo.com.hk/expo/zh/2016-fll-jr/>



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