

RoboPlanet Afterschool Programs 2022-2023

1. LEGO Robotics and Coding

This program introduces students to the basic robotics knowledge and technologies, as robotics is more common, accessible, and increasingly becoming a part of our lives nowadays. Therefore, this program is designed to talk about these with our little students as early but easy-to-understand as possible. Related topics include robots, smart houses, Internet of Things, robotized factories and usual things with automatic smart functions.

2. FIRST LEGO LEAGUE Explore

FLL explore is a robot contest held by FIRST robotics and LEGO, and it is a popular program in 33 countries/regions. Each FLL Explore team will contain 2-6 members, and students will use LEGO WeDo 2.0 robot sets to build a science LEGO project.

3. Advanced LEGO Robotics & Coding

(Robotic contest preparation, required course for FLL Challenge)

This course provides students with an introduction to some key robotics and programming concepts. With a well-structured sequence of several projects plus 1 capstone challenge, students will gain a better understanding of core computer programming logic, and could improve their reasoning skills using a robotics engineering context.