





AUTUMN 2018 AFTER-SCHOOL LEGO ROBOTICS, COMPUTER PROGRAMMING, & FLIGHT SIMULATOR CLASSES





LEGO WE-DO ROBOTICS: (Grades 1 – 3)

Beginner & Advanced sessions - 6 classes per session
\$70 per session
1.0 hour per class – includes all materials

Beginner & Advanced*		WEDNESDAY: 4:30 – 5:30 1) 09/26, 10/03, 10/10, 10/17, 10/24, 10/31 2) 11/07, 11/14, 11/28, 12/05, 12/12, 12/19	
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LEGO NXT ROBOTICS: (Grades 4 - 8)

Beginner & Advanced sessions - 6 classes per session
\$105 per session
1.5 hour per class – includes all materials

Beginner & Advanced*		WEDNESDAY: 6:00 – 7:30 1) 09/26, 10/03, 10/10, 10/17, 10/24, 10/31 2) 11/07, 11/14, 11/28, 12/05, 12/12, 12/19	
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FLIGHT SIMULATOR: (Grades 5 – Adult)

Beginner & Advanced sessions - 6 classes per session
\$105 per session
1.5 hours per class – includes all materials

Beginner & Advanced*		WEDNESDAY: 4:30 – 6:00 1) 09/26, 10/03, 10/10, 10/17, 10/24, 10/31 2) 11/07, 11/14, 11/28, 12/05, 12/12, 12/19	
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COMPUTER PROGRAMMING: (Grades 2 – 5)

Beginner & Advanced sessions - 5 classes per session
\$60 per session
1.0 hour per class – includes all materials

Beginner & Advanced*		MONDAY: 4:30 – 5:30 1) 09/24, 10/01, 10/15, 10/22, 10/29 2) 11/19, 11/26, 12/03, 12/10, 12/17	
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* = Beginner Class Prerequisite

LEGO ACADEMY

LEGO WE-DO ROBOTICS: Designed primarily for students in grades 1 - 3. Each session consists of six 1.0-hour classes. Students learn to build and program LEGO We-Do robots by creating models of simple machines and animals with easy-to-use intuitive drag-and-drop software. \$70 (The price includes all materials.)

LEGO NXT ROBOTICS: Designed primarily for students in grades 4 - 8. Each session consists of six 1.5-hour classes. Students learn to build and program autonomous LEGO NXT Mindstorms robots that use ultrasonic, touch, and light sensors to successfully perform a variety of challenging tasks. Students can collect and analyze data retrieved from the sensors they program and place on the robots. \$105 (The price includes all materials.)

FLIGHT SIMULATOR

FLIGHT SIMULATOR: Designed primarily for any one age 10 and up. Each session consists of six 1.5-hour classes. Students learn what it is like to pilot an airplane by exploring the science of aerodynamics and the physics of flight. Using the cockpit flight instruments students perform takeoffs, fly designated routes, and land various types of aircraft. \$105 (The price includes all materials.)

COMPUTER PROGRAMMING with SCRATCH

COMPUTER PROGRAMMING: Designed primarily for students in grades 2 - 5. Each session consists of five 1.0-hour classes. Students are encouraged to think creatively, and work collaboratively while learning computer coding skills. Using SCRATCH software allows students to program their own interactive stories, games, and movie animations. \$60 (The price includes all materials.)

Mail the completed form to the Challenger Center, 225 Route 59, Airmont, NY 10901
with a check for the specified amount made payable to the **TOWN OF RAMAPO**

If you have any questions, or want to pay by credit card, you can contact us at **845-357-3416**

Program Name/Level/Session	Start Date	Start Time	Program Cost

Child's name:

DOB:

Gender:

Parent/Guardian:

Home phone with area code:

Street:

E-mail Address:

City:

State:

Zip:

Parent/Guardian Cell phone:

Work Phone:

Emergency name and contact number:

Please tell us about any issues we should be aware of regarding your child such as Allergies/Medications/Behavioral:

I understand that the TOWN OF RAMAPO does not offer accident insurance and that my personal insurance bears primary responsibility in case of accident. I authorize the use of photos for promotional purposes. A \$15 fee is imposed for any checks returned from a bank for any reason.

Parent Signature: _____

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