

# LEGO ROBOTICS CAMPS

## After School Enrichment Programs



### LEGO ROBOTICS CAMP INFORMATION

#### After School Enrichment Programming

Sponsored by the Livonia PTSA

Winter & Spring Sessions 2012, Grades 2 through 8

*This afterschool program is being offered at Livonia Central School in the Connell Building.*

While these camps are open to students outside of the Livonia School District, scheduling preference will first be given to students within the district.

#### Registration Instructions:

Refer to the **Registration Form** (next 2 pages) detailing all sessions offered, grade levels, dates, times, course pre-requisites, etc. *Course Descriptions* are as posted on our website (along with video footage for each of the specific LEGO Robotics systems taught). With **limited enrollment**, we encourage you to first confirm openings by “pre-registering” on the Pre-Registration Link (Course Description pages). We will then contact you to confirm openings before beginning the Official Registration and payment process.

Please note that we are also providing *FIRST* LEGO League (FLL) and Jr. FLL Team formation support with regular, bi-weekly informational meetings, etc. (refer to our website Calendar Page) - we are very excited about growing and supporting teams throughout Livingston County!

#### Drop-off & Pick-Up Procedures:

Feel free to stay for the first few minutes of each class and you are also welcome to come the last 5-10 minutes of each class session when picking up your child (be prepared to become enthusiastically informed about detailed programming and robotics concepts!).

Upon Official Registration, please print, fill out, and send the **Registration Form** as well as the **Authorization and Release Agreement** (last page) and payment (personal check) to: **Vista Teach Instructional Services**, 2019 Dutch Hollow Road, Avon, NY 14414) – *Thank You!*

# LEGO Robotics Camps

Brought to you by *Vista Teach* as an after school enrichment program

**Sponsored by the Livonia PTSA**

Learning about math, science, and computer programming at a young age is more important than ever. Robotics is “the technology dealing with the design, construction, and operation of robots.” Our LEGO Robotics Camps are all about learning while having fun, where the best learning happens. We bring professional equipment and highly qualified teachers right into the classroom and provide a hands-on, interactive experience.

At our camps, students are taught concepts in support of STEM Education\* while also preparing students interested in participating on *FIRST* LEGO® League teams, a program praised for its exceptional results in building bright minds.

\*STEM Education is a federal initiative: (1) to secure America’s leadership in Science, Technology, Engineering, and Mathematics; and, (2) to identify promising strategies for strengthening the education that leads to STEM careers.

The Livonia PTSA and *Vista Teach* have made arrangements to host *LEGO Robotics Camps* at the Connell Building starting in January 2012. Following are the available camps and costs for each.

Lego Robotics Camp	Grade Level	Cost*
<a href="#">Introduction to Lego WeDo Robotics</a>	Grades 2-4	\$120
<a href="#">Intermediate Lego WeDo Robotics</a>	Grades 3-5	\$120
<a href="#">Introduction to Lego Mindstorms NXT</a>	Grades 5-8	\$160
<a href="#">Intermediate Lego Mindstorms NXT</a>	Grades 5-8	\$160

\*Financial assistance maybe available. Stay tuned to the PTSA website for upcoming information.

Additional program and registration information is provided below.

<a href="#">Camp descriptions</a>	<a href="http://www.vistateach.biz/classes/">http://www.vistateach.biz/classes/</a>
<a href="#">Registration and schedule</a>	See the back of this flyer
<a href="#">About <i>Vista Teach Instructional Services</i></a>	<a href="http://www.vistateach.biz/about/">http://www.vistateach.biz/about/</a>
<a href="#">Junior <i>FIRST</i> LEGO® League (Jr. FLL)</a>	<a href="http://www.usfirst.org/roboticsprograms/jr.fl">http://www.usfirst.org/roboticsprograms/jr.fl</a>
<a href="#">FIRST LEGO® Leagues (FLL)</a>	<a href="http://www.usfirst.org/roboticsprograms/fl">http://www.usfirst.org/roboticsprograms/fl</a>

The duration of each camp is two weeks, Monday through Thursday (or Friday if needed to accommodate holidays). WeDo Robotics sessions run 1.5 hours. Mindstorms NXT sessions run 2 hours.

All sessions will be located in the Connell Building.

These camps are open to students outside of the Livonia School District, however, scheduling preference will be given to students within the district.

***For questions regarding the camps, contact Sue Sorrentino, Camp Director: [sue@vistateach.biz](mailto:sue@vistateach.biz)***

## LEGO Robotics Camp Registration

Please fill out and detach the form at the bottom of this page. You will receive confirmation by e-mail or phone.

Students **must** complete Intro levels before registering for Intermediate (IM) levels – NO exceptions.

### LEGO WeDo Robotics Sessions

WeDo Session Cost: \$120

A sessions for Grades 2 & 3, B sessions for Grades 3 & 4

Session ID	Level	Date/Time
12-01A	Intro	Jan. 3-6, 9-12; 3:30-5:00 PM
12-01B	Intro	Jan. 3-6, 9-12; 5:15-6:45 PM
12-02A	Intro	Jan. 17-20, 23-26; 3:30-5:00 PM
12-02B	Intro	Jan. 17-20, 23-26; 5:15-6:45 PM
12-03A	IM	Jan. 30-Feb. 2, Feb. 6-9; 3:30-5:00 PM
12-03B	IM	Jan. 30-Feb. 2, Feb. 6-9; 5:15-6:45 PM
12-04A	Intro	Feb. 13-16, Feb. 27-Mar. 1; 3:30-5:00 PM
12-04B	Intro	Feb. 13-16, Feb. 27-Mar. 1; 5:15-6:45 PM
12-05A	IM	Mar. 5-8, 12-15; 3:30-5:00 PM
12-05B	IM	Mar. 5-8, 12-15; 5:15-6:45 PM

### LEGO NXT Robotics Sessions

NXT Session Cost: \$160; Grade Levels: 5 – 8

Session ID	Level	Date/Time
12-06A	Intro	Mar. 19-22, 26-29; 2:30-4:30 PM
12-06B	Intro	Mar. 19-22, 26-29; 4:45-6:45 PM
12-07A	Intro	Apr. 16-19, 23-26; 2:30-4:30 PM
12-07B	IM	Apr. 16-19, 23-26; 4:45-6:45 PM
12-08A	Intro	Apr. 30-May 3, May 7-10; 2:30-4:30 PM
12-08B	Intro	Apr. 30-May 3, May 7-10; 4:45-6:45 PM
12-09A	Intro	May 14-17, 21-24; 2:30-4:30 PM
12-09B	IM	May 14-17, 21-24; 4:45-6:45 PM

***A parent information meeting will be held at the end of each session to discuss Junior FIRST LEGO League (Jr. FLL) for Grades 2-4; and FIRST LEGO League (FLL) for Grades 5-8 Team formation for those interested.***

Student Name: \_\_\_\_\_

School/Grade: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

*Limited enrollment – We suggest: E-mailing [sue@vistateach.biz](mailto:sue@vistateach.biz) or calling 585-414-7170 prior to completing form to confirm openings and secure "Pre-Registration" for your student.*

Please indicate first, second, and third session choices below by listing the Session ID numbers listed in the above schedule.

1<sup>st</sup> Choice: \_\_\_\_\_ 2<sup>nd</sup> Choice: \_\_\_\_\_ 3<sup>rd</sup> Choice: \_\_\_\_\_

**CODE OF CONDUCT:** Sessions are designed for students who perform well in school with no behavioral concerns that could impact his/her ability to participate in an academically enriching program requiring application of high-level computer programming and problem-solving skills, student collaboration, teamwork, as well as gracious professionalism – "all in the context and spirit of FIRST LEGO League!

I acknowledge the Code of Conduct and give permission to the above student to attend indicated sessions.

Parent Name (print): \_\_\_\_\_ Signature: \_\_\_\_\_

**Please detach the bottom part of this form and mail with payment to:**

**Vista Teach Instructional Services, 2019 Dutch Hollow Rd., Avon, NY 14414**

**\$20 returned check fee.**

**Cancellations must be made 5 days prior to session start, otherwise, there will be a \$20 cancellation fee.**

**AUTHORIZATION AND RELEASE AGREEMENT**

Camp Participant's Full Name (please print) Age

Address

Parent/Guardian (please print)

Home Phone Number Cell Work

The Parent/Guardian agrees to abide by the rules and regulations governing the conduct and operation of instructional sessions, students, and observers, in order to promote efficiency, safety, and recognition of the instruction offered, as prescribed by Vista Teach Instructional Services (VTIS). The Guardian acknowledges that rules and regulations governing VTIS have been adopted, and may be changed from time to time, and the Guardian agrees to abide by all such rules and regulations as adopted or hereafter amended. VTIS staff also reserves the right to send a Participant home if the need arises for medical reasons or failure to behave and act in accordance with VTIS rules and regulations on conduct, or for failure to follow the instructions and directions of VTIS staff or for any acts of conduct deemed by the agents of VTIS to be detrimental to or incompatible with the interest, harmony, comfort or welfare of the program. If participation is terminated, no participation fees will be refunded.

In consideration of the instruction provided, the Guardian and Participant agree that the format, teaching style, methods and materials, including intellectual property are owned and exclusive to VTIS and use of such, without permission of VTIS, is strictly forbidden, protected by copy write laws, and punishable by law. Furthermore, the Guardian understands that their Participant may be included in videotaping or photography during classes and events that may be used in any or all VTIS marketing materials.

Vista Teach Instructional Services, owners, agents, and employees shall not be responsible for damaged, lost, or stolen articles, inside or outside the instructional facility. VTIS reserves the right to amend or add to these rules and conditions and to adopt new rules and conditions as it may deem necessary. *In addition, the Parent/Guardian agrees to the following:*

**RELEASE FROM LIABILITY**

I, \_\_\_\_\_, am the parent or legal guardian of \_\_\_\_\_ ("Participant"). In consideration for Participant's participation in a Vista Teach LEGO Robotics Camp ("Program") being held at the Livonia Central School, Connell Building (6 Puppy Lane, Livonia, NY 14487), I, as Participant's parent or legal guardian, on behalf of Participant, his/ her heirs, executors, and administrators, hereby voluntarily, irrevocably, and unconditionally release and hold harmless Vista Teach Instructional Services, their respective trustees, officers, employees, agents and assigns as well as the Livonia Central School, their respective trustees, officers, employees, agents and assigns (hereinafter "Releasees"), from any and all manner of claims, actions or causes of actions, whether related to or arising from the negligence of Releasees or otherwise, arising from or in connection with Participant's participation in the Program, including but not limited to arising from Participant's presence on the premises of 6 Puppy Lane or the Participant being transported to or from or traveling to or from the premises of 6 Puppy Lane. This release includes but is not limited to claims of active or passive negligence, products liability, personal injury, death or damage to property or violation of any laws or regulations.

\_\_\_\_\_ / \_\_\_\_\_  
 Camp Participant's Name Parent or Guardian's Signature Date

**EMERGENCY CONTACT INFORMATION & MEDICAL AUTHORIZATION**

In an emergency I, the Parent/Guardian, can be reached at the numbers listed below. In the event that I cannot be reached, I authorize Vista Teach Instructional Services (VTIS) staff to authorize or refuse necessary emergency treatment for my child ("Participant"). Furthermore, I hereby grant permission to VTIS staff and any medical or surgical consultant deemed advisable and any hospital to render to the above-named Participant any medical and/or surgical treatment that they deem necessary. I understand that all possible efforts will be made to inform me in case of such treatment.

\_\_\_\_\_ / \_\_\_\_\_  
 Parent or Guardian Signature Date

Call 1<sup>st</sup>: \_\_\_\_\_ Call 2<sup>nd</sup>: \_\_\_\_\_ Call 3<sup>rd</sup>: \_\_\_\_\_

Name: \_\_\_\_\_ Name: \_\_\_\_\_ Name: \_\_\_\_\_