



**RADNOR EDUCATIONAL  
FOUNDATION**  
FUNDING POSSIBILITIES • BUILDING FUTURES • ENRICHING OUR COMMUNITY

## **LEGO® ROBOTICS CLUB 2015-2016**

**Supported by a grant from  
the Radnor Educational Foundation**

**Build and watch your creations come to life!**

**Choose 1 class from the chart below**

	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>
<b>morning club (8 - 9 am)</b>	4th	5th	5th	3rd	4th
<b>afternoon club (3:30 - 4:30 pm)</b>	4th			3rd	

**WE ARE A FULL YEAR, 24 WEEK CLUB  
\$295\* per student.**

**September 21 through December 18, 2015 (No class on 11/23,  
11/24)**

**AND**

**January 4 through April 15, 2016 (No class on 4/12, 4/13, 4/14)**

***- make up classes for snow days will be held the end of April if needed  
(parents will be notified by email)***

**The children will use Lego parts, sensors, motors and detailed instructions to build robots that can do really cool things! With experience, children build more complex robots and code, designing and modifying to make their ideas come to life. Classes will teach Science, Technology, Engineering and Math (STEM) using Lego Education WeDo, Mindstorms NXT, and EV3 materials.**

**In 3rd grade, students learn to build their WeDo robots with sensors and motors and code them to respond to stimuli (such as programming a Lego Lion to sit up and roar when a bone is waved in front of him or building a soccer player who kicks a ball into a goal).**



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**In 4th and 5th grade there is an emphasis on creativity and problem solving using Lego Mindstorms NXT and EV3 kits. Students use more complex computer coding and engineering concepts to modify robotic behavior and design (such as designing a voice controlled car that navigates through a maze or a sumo wrestling robot that outlasts your opponent in the ring).**

**PAYMENTS: \$295\* for 24 weeks. NO CASH - Please send your check, (payable to Ithan PTO) along with your registration form in an envelope labeled “Lego Robotics CLUB REGISTRATION” to the Main Office.**

**\*Please see the school counselor if financial assistance is needed.**

**Placement is not secured until a check AND registration form are received. Space is limited to 10 students per class. First come, first served. A lottery system will be used in the case of excess enrollment. Your child’s placement in the club will be confirmed by email.**

### **Questions?**

**Jamie Forman (PTO Club coordinator) - (610) 283-6569  
[jamie@yourmediacoach.com](mailto:jamie@yourmediacoach.com)**

**Deb Vloedman (Robotics teacher) – (484) 354-1304 [debvlo@verizon.net](mailto:debvlo@verizon.net)**

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## **ITHAN ELEMENTARY LEGO ROBOTICS**

is supported by a grant from the  
Radnor Educational Foundation.

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from families like yours.*

Learn more about us

[www.radnoreducationalfoundation.org](http://www.radnoreducationalfoundation.org)

Student's Name: \_\_\_\_\_

Grade \_\_\_\_ Teacher's name \_\_\_\_\_

Day and time of class:

1. First choice \_\_\_\_\_

2. Second choice \_\_\_\_\_

Phone # \_\_\_\_\_

Email \_\_\_\_\_

In case of emergency or cell: \_\_\_\_\_

**An orderly environment is essential to the success of Lego Robotics club. If the teacher, at her sole discretion, concludes that a child is disrupting the learning process, the child will be dropped from the club immediately without refund of fee.**

**By signing and returning this Policy and Release form, the parent consents to the participation of his/her child in the Lego Robotics Club and agrees to release and hold harmless the Ithan PTO and all persons acting for the Ithan PTO in connection with the Lego Robotics Club from all claims and liabilities arising out of his/her child's participation in the Lego Robotics Club.**

Signature of Parent/Guardian: \_\_\_\_\_ Date: \_\_\_\_\_

Please print name of Parent/Guardian: \_\_\_\_\_