

# Saturday Lego Club 2010-2011



LEGO Robotics is a fun way to engage children in science, technology, mathematics and engineering. Children practise mechanical design, construction, and programming and employ teamwork skills while having a great time!

Children create and build the smartest, strongest LEGO Robots using LEGO blocks and interactive motors, sound sensors, ultrasonic visual sensors, touch sensors and light sensors. Motors are plugged into a computer and children configure behaviours using the programming tool. With software, children plan, test and modify sequences of instructions for a variety of life-like robotic behaviours. Children learn to collect and analyze data from sensors, using data logging functionalities embedded in the software.

Children may take one or more sessions and with each session, children build on the skills and concepts previously learned to create more complex, dynamic robots and programs each time. Sessions are lead by our qualified "Lego Man" at Alderwood Toronto Private School, 26 Fieldway Road, Etobicoke, near the intersection of Bloor and Islington.

## Session Dates:

- Session 1: September 24, October 1, 8, 15
- Session 2: October 22, 29, November 5, 12
- Session 3: November 19, 26, December 3, 10
- Session 4: January 7, 14, 21, 28
- Session 5: February 4, 11, 18, 25
- Session 6: March 3, 10, 17, 24
- Session 7: March 31, April 7, April 14, 21
- Session 8: April 28, May 5, 12, 19
- Session 9: May 26, June 2, 9, 16

## Session Times:

- 10:00 a.m. - 12:00 p.m.
- 12:15 p.m. to 2:15 p.m.
- 2:30 p.m. to 4:30 p.m.

## Session Fees:

- single session: \$150
  - two or more sessions: \$125 each
- Sibling discount: 10%



ASK ABOUT  
OUR  
LEGO  
ROBOTICS  
BIRTHDAY  
PARTIES

# SATURDAY LEGO ROBOTICS REGISTRATION FORM



Child's Name: \_\_\_\_\_

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

Home telephone: \_\_\_\_\_ Parent Cell: \_\_\_\_\_

Parent e-mail contact: \_\_\_\_\_

Child's age: \_\_\_\_\_ Date of birth: \_\_\_\_\_

Current school: \_\_\_\_\_ Current Grade: \_\_\_\_\_

Does your child have any health, allergy, learning or other issues we should be aware of to ensure the best possible experience for your child?

\_\_\_\_\_  
\_\_\_\_\_

**Please select session(s) and time:**

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Session 1: September 24, October 1, 8, 15  | <input type="checkbox"/> 10:00 a.m. - 12:00 p.m. | <input type="checkbox"/> 12:15 p.m. to 2:15 p.m. | <input type="checkbox"/> 2:30 p.m. to 4:30 p.m. |
| <input type="checkbox"/> Session 2: October 22, 29, November 5, 12  | <input type="checkbox"/> 10:00 a.m. - 12:00 p.m. | <input type="checkbox"/> 12:15 p.m. to 2:15 p.m. | <input type="checkbox"/> 2:30 p.m. to 4:30 p.m. |
| <input type="checkbox"/> Session 3: November 19, 26, December 3, 10 | <input type="checkbox"/> 10:00 a.m. - 12:00 p.m. | <input type="checkbox"/> 12:15 p.m. to 2:15 p.m. | <input type="checkbox"/> 2:30 p.m. to 4:30 p.m. |
| <input type="checkbox"/> Session 4: January 7, 14, 21, 28           | <input type="checkbox"/> 10:00 a.m. - 12:00 p.m. | <input type="checkbox"/> 12:15 p.m. to 2:15 p.m. | <input type="checkbox"/> 2:30 p.m. to 4:30 p.m. |
| <input type="checkbox"/> Session 5: February 4, 11, 18, 25          | <input type="checkbox"/> 10:00 a.m. - 12:00 p.m. | <input type="checkbox"/> 12:15 p.m. to 2:15 p.m. | <input type="checkbox"/> 2:30 p.m. to 4:30 p.m. |
| <input type="checkbox"/> Session 6: March 3, 10, 17, 24             | <input type="checkbox"/> 10:00 a.m. - 12:00 p.m. | <input type="checkbox"/> 12:15 p.m. to 2:15 p.m. | <input type="checkbox"/> 2:30 p.m. to 4:30 p.m. |
| <input type="checkbox"/> Session 7: March 31, April 7, April 14, 21 | <input type="checkbox"/> 10:00 a.m. - 12:00 p.m. | <input type="checkbox"/> 12:15 p.m. to 2:15 p.m. | <input type="checkbox"/> 2:30 p.m. to 4:30 p.m. |
| <input type="checkbox"/> Session 8: April 28, May 5, 12, 19         | <input type="checkbox"/> 10:00 a.m. - 12:00 p.m. | <input type="checkbox"/> 12:15 p.m. to 2:15 p.m. | <input type="checkbox"/> 2:30 p.m. to 4:30 p.m. |
| <input type="checkbox"/> Session 9: May 26, June 2, 9, 16           | <input type="checkbox"/> 10:00 a.m. - 12:00 p.m. | <input type="checkbox"/> 12:15 p.m. to 2:15 p.m. | <input type="checkbox"/> 2:30 p.m. to 4:30 p.m. |

**Fees:** \$150 per single session + \$19.50 HST= \$169.00

\$125 each for multiple sessions + \$16.25 HST= \$141.25 each for multiple sessions

Payment enclosed: \_\_\_\_\_ Signature: \_\_\_\_\_  
*Please add 13% HST*

Please mail or drop your forms; please make cheques payable to:

**Alderwood Toronto Private School**

**26 Fieldway Road, Etobicoke, ON M8Z 3L2**

**Telephone: 416-239-2100**

**E-mail: [info@alderwoodtoronto.ca](mailto:info@alderwoodtoronto.ca)**

Please call or e-mail if you have any questions! We will send you confirmation of your registration upon receipt of form and payment. **Thanks!**