



# FIRST LEGO LEAGUE

## Bellewood Robotics Club

**Winter 2012 Robotics Club Application for students in grades 4 and 5.**

The Robotics Club will begin again at École Bellewood using the popular LEGO MINDSTORMS Robotics system. The competitive season is over for us (September to January). Thanks to the generous support of our Parent Advisory Council, our school team attended the Regional Robotics Competition in Sarnia and won a spot to the Provincial Robotics Competition in Oshawa. Along the way, the team won several awards including a First Place for Research Solution in Oshawa. Now it's time to prepare for next season. Students can get a taste for the types of challenges and gain some experience for the chance to join a school team next year.

The main objective of the club is to give students a foundation and an appreciation for both mechanical and software concepts. Follow the link to the First Lego League for more information. [http://www.firstroboticscanada.org/main/?page\\_id=21](http://www.firstroboticscanada.org/main/?page_id=21)

Over a period of six weeks, teams of students will build a robot using a set of instructions and a RCX intelligent brick. They will then learn how to program it with the LEGO Robolab 2.9 software. If time permits, we will attempt a robot challenge competition in our school.

At the moment, all activities are scheduled for lunchtime at school. Students need to commit to 2 lunchtime meetings (1 working lunch + 1 mission pair) each week for 6 weeks. Completing this training will be asset in order to be considered for the next competitive season.

Students are grouped in teams of 10 and partnered in pairs. The number of students is limited to 80. There are two types of meetings: *WORKING LUNCH* - 11:50 - 12:20 - where the whole team meets to discuss progress and share solutions, and the *MISSION PAIRS* - 12:20 to 12:45 - where one pair from each team builds and programs.

We require 5-10 parents to lead the working lunch meetings and supervise the mission pairs as they build and program. We will gladly try to fit your schedule. The club will operate from January 30 to March 9 2012.

Please forward any questions to Mme Richer, Mme Dubé or Mlle Brenko.

**Please print this page.**

Submit early to your child's teacher. Applications will be considered on a first - come basis. Applications received after January 27 will be considered only if space permits.

Student's first name \_\_\_\_\_ Family name \_\_\_\_\_

Teacher's name \_\_\_\_\_ Class \_\_\_\_\_

Indicate other lunchtime commitments your child already has such as Choir, Chess, Recycling, etc. We will not schedule a meeting on that day.

Activity: \_\_\_\_\_ Day: \_\_\_\_\_

**I wish to register my son/daughter in the lunchtime robotics club. I will encourage his/her full participation to the end of the 6 weeks.**

Parent Signature: \_\_\_\_\_

Parent volunteers are needed to assist with equipment control and attendance. We will provide training and instructions.

Parent name: \_\_\_\_\_

Relationship to student (mother, father, grandparent): \_\_\_\_\_

Phone number(s) \_\_\_\_\_

Preferred day(s) \_\_\_\_\_