

## **NCS Middle School Competitive Robotics Application**

Please return completed application by May 4, 2018 to Mrs. Lincoln in the building 7 counselors office.

Only ten students will be chosen for the Middle School Competitive Robotics team. Selection will be based on recommendations from current math, science, and robotics teacher (if applicable), grades in academic courses, and conduct. Students with a 4 or 5 in conduct in any course may not apply. The Northland academic committee will notify you if you have been chosen for Middle School Competitive Robotics.

**Students Name:** \_\_\_\_\_

**Grade 2018-2019 School Year:** \_\_\_\_\_

### **Middle School Competitive Robotics Expectations**

1. Desire to design, build, and program robots based on specifications from First LEGO League.
2. Ability to confidently present skills during competitions at school and at other locations.
3. Ability to work independently and as a member of a team on assignments both inside and outside of class.
4. Ability to stay on task and follow instructions.
5. Attendance at a minimum of two First Lego League tournaments (tournaments are held on Saturday – dates will be communicated as soon as they are set). Competition attendance will be a test grade.
6. Ability to attend a programming workshop on **July 10 and 11 from 8:30-12:30 pm.**
7. Ability to attend four team meetings on **August 1, August 8, August 10, and August 13th from 4:00-5:30.**
8. Ability to attend a few after school (3:20-4:00) or morning meetings (7:20-8:00) if necessary in preparation for the tournament.
9. Ability to behave appropriately during class and competition times. Misconduct of any kind may be grounds for dismissal (subject to the instructor's decision).
10. Knowledge of robotics or programming is a prerequisite.
11. Excellent work habits and conduct.

**I am able to meet all of the expectations above and would like to apply for 2018-2019 Middle School Competitive Robotics.**

\_\_\_\_\_  
**Student Signature**

\_\_\_\_\_  
**Parent Signature**

**Questions (to be answered by students in their own handwriting):**

1. What experience do you have working with robots or programming?
2. What skills do you have that would help you contribute during a First LEGO League competition?
3. Why would you like to enroll in Middle School Competitive Robotics?
4. Do you prefer to build robots or program robots and why?

5. If you have participated in an FLL competition, what aspect of the competition did you enjoy the most and why? What aspect of the competition did you find the most challenging and why?

6. Please list any other extra curricular activities that you know you will be participating in for the 2018-2019 school year.

7. Please list any conflicts that you have with the programming camp dates and the August team meeting dates.