



Application

(Grades 9-12)

Name: _____

Grade: _____

School: _____

All applications are due Friday,
October 2 2009.

FIRST

(For Inspiration and Recognition in Science and Technology)

FIRST is an intense program that will permit students to work first hand with scientists, engineers and teachers to design, assemble, and test a robot capable of performing a specified task in competition with other teams from around the World. The teams are from Brazil, Canada, Ecuador, Israel, Mexico, the U.K., and almost every U.S. state. This opportunity requires a serious commitment on the part of the applicant. It will require long hours on many evenings and Saturdays, requiring the applicant to make decisions regarding his/her extra-curricular activities. FIRST affords the student the opportunity to experience professional development in the fields of science, mathematics, and engineering.

Expectations

- Participation in activities and execution of responsibilities is required. It is expected that you will attend all meetings. Each member is an important part of the team.
- Lack of attendance or participation could result in dismissal from the team.
- A financial commitment (\$300) will be required by each student to help with the operation of the team. **Scholarships may be available for those requiring financial assistance. Please include your request for a scholarship in writing with your application.**

Application for Membership in FIRST

I, _____, wish to be considered to membership in the Chenango county FIRST team and do hereby waive my right to access of confidential information used by the selection committee of FIRST team in judging my membership qualifications.

Student Name: _____

Student Signature: _____

Parent Name: _____

Parent Signature: _____

Parent Name: _____

Parent Signature: _____

Date: _____

Please complete all sections. Provide all pertinent information that can be used to assist the selection process. While completion of this application does not guarantee selection, failure to complete this application will result in rejection.

Applicant Information

Name _____

Address _____

Home Phone _____ Cell _____

Student e-mail: _____

Parent(s) e-mail: _____

List any artistic, computer, graphic design, journalism, mechanical, or science experiences that you have had (if any). Please include any strengths or interest in these areas also.

Short Answer

Requires 1 to 3 sentences

1) What are your goal/plans after high school?

2) What, if anything do you hope to learn or accomplish on the FIRST team?

Skills Check

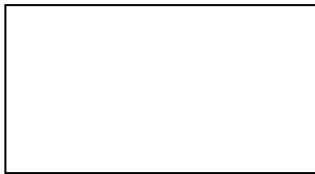
This section is to help the selection committee see where you can best benefit the team. Do your best to complete all questions. (Please feel free to attach answers on separate sheet of paper)

1. $\frac{3}{8} + \frac{7}{16} =$

2. Measure this line. _____



3. What is the area of this rectangle ($\pm 0.1875''$)?



4. There are 37 students/mentors/teachers wanting pizza. Everyone wants two slices. Each pizza has eight slices. How many pizzas do we need to buy? Each pizza costs \$9.00. How much does each person need to pitch in?
5. It's Saturday. There are three doughnuts left and four students who are still hungry. How do we solve the problem?
6. Which is correct?
- The yolk of egg **is** white or
 - The yolk of egg **are** white
7. Describe your idea of the perfect snack.
8. Draw something. (Crayon optional)
9. Explain the derivation of $E=MC^2$. Please be brief.

Skills Check

10. What measurement is indicated by the caliper pictured in each photo?

Measurement is: _____

