

Clark-Shaw Robotics Application

Returning Member

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Your Cell Phone Number: \_\_\_\_\_

Your Email Address: \_\_\_\_\_

List and explain the responsibilities you had this past year in robotics:

---

---

---

**What other extracurricular activities do you participate in after school?**

Football     Baseball     Archery     Scholars Bowl

Basketball     Dance     Cheer     Soccer

Softball     Martial Arts     Math Team

Other: \_\_\_\_\_

**What is the Engineering Design Process? Explain each step.**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_

**We will be making changes this year in how we are organized. Do you have any suggestions?**

---

---

---

---

---

---

**What days are you available to stay after school?**

---

**How late are you able to stay after school?**

---

---

**Are you available to work on Saturdays? If yes, what hours are you available?**

---

---

**Do you feel comfortable mentoring new students? If yes, what would you like to mentor?**

---

---

---

---

---

---

**What do you think we should focus on this next coming fall?**

---

---

---

---

---

---

---

Requirements:

- Students' grades must all be 80% or above.
- Students must be available after school and Saturdays.
- Students with more than one detention or suspension should not apply.

New Member Application:  
Clark Shaw Robotics Team

Name \_\_\_\_\_

Grade \_\_\_\_\_

Position(s) applying for: \_\_\_\_\_

You will be required to stay after school on one of the following days from 3:00 – 4:30 PM to complete a task using the Engineering Design Process. You need to make yourself familiar with the Engineering Design Process.

\_\_\_\_\_ Thursday, November 7, 2019

\_\_\_\_\_ Thursday, November 14, 2019

\_\_\_\_\_ Thursday, November 21, 2019

A parent/guardian will have to come upstairs and sign you out at 4:30 PM. Please list the person's name who will sign you out along with a working cell phone number.

Parent/ Guardian: \_\_\_\_\_

Please Print

Cell: \_\_\_\_\_

(xxx).xxx-xxxx

There is a non-refundable \$10.00 application fee. Please make checks payable to Clark Shaw Magnet School. Please bring your \$10.00 and application to Mrs. Johnson or Mrs. Collier during homeroom.

**Students who interrupt a class to apply will not be considered.**

**On the back of this page write a one-page essay about yourself, any experience in robotics you may have, and how you will be an asset to the team.**

The following positions are available:

**Marketing-** The marketing department promotes the robotics team at different occasions. They often visit elementary schools for recruitment, create a video, a web page, an exhibit booth and a presentation for competitions.

**Design** - This department works together to research, brainstorm, build, and test products. They will also work with professionals to learn 3D design using CAD (computer-aided design) programs, SolidWorks.

**Programming-** Learn to program using RobotC . These students learn to read, write, and develop code. This department creates a code used to operate the robot to do certain actions at certain times.

**Notebook:** This department requires observant writers and photographers. Students who write the design notebook need to understand all aspects of the team. Each department has a notebook representative.

**Spirit:** Although everyone is part of the Spirit department. We do have openings for students willing to make banners, posters, giveaways, lead chants and maintain team moral. This is a great place to start on the robotics team if you are not sure what you would like to do.