2023 Osborne Robotics Club

Parent note

It's that time of year again! Chris Mick and Bobbi Schurr are excited to lead another Osborne Robotics Club for 2023. As I mentioned last year, many area robotics clubs consist of mostly 7th and 8th graders. However, we will be accepting applications from students in the 4th through 7th grades. I hope parents and students will understand that we will only be able to manage a certain number of students in the program. Some applicants may not be able to participate this year. However, we strongly encourage anyone interested to please return this form. Interest from this year will be considered in next year's club selection.

As instructors, we will provide our best efforts to benefit the student participants. We consider this program to be a window of learning and opportunity for those who have an interest in engineering. This club will give its student group insight into problem solving processes, analytical thinking, mechanical engineering and computer/software engineering. Our primary goals and commitment to the students are to:

- Teach students fundamentals of robotics (mechanical design and software design).
- Teach critical thinking about competition events and best approaches toward competing in each event (problem solving and analytical thinking).
- End the season with a comprehensive and impressive set of robots displaying the season's accomplishments.
- End the season with students capable of explaining design and mechanical/software development behind each of the robots featured in the club showcase.

We are pledging to do the best we can for our students. We expect the same in return. Please understand that our requirements from the club students are as follows:

- Students will attend learning/building sessions whenever reasonably possible. Meeting times may vary depending on school activities and instructor availability.
- Students will have an eager and learning oriented attitude and will follow instructor guidance to the best of their ability.
- Teamwork and team objectives will take precedent over self-interest and peer grouping preferences.
- Failure to adhere to these interests will result in removal from robotics club.

We also wish to let all parents know our schedule and meeting needs. Many club sessions will likely be scheduled for 7:00 AM (before school), one or two times per week. After fall harvest is over, we will probably shift to 1 weekday morning and a voluntary Sunday work session. Each team will participate in at least one event for each of the competitions that we go to. However, they CAN participate in as many of the events as they wish. These Sunday work sessions are essential for accomplishing the work that needs to be done by teams enrolling in many competition events.

Currently we plan to attend 2 robotics competitions. The schedule for these events is not yet firmly set. However, there will be one event held at Beloit NCK Tech facility near the beginning of December. There will also be another event on March 25th, 2024 at Fort Hays.

All club event communication and coordination will be done through text messages and the Remind app. **Please provide a parent name and phone number below** (multiple contacts can be provide if desired). Finally, have your student complete the questionnaire on the back of this form and **return to the office by Sept 21st**. Thanks for your interest! Let's build upon our successes from last year!

Name: _____ Phone Number: _____

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Student Questionnaire

Name: _____ Grade: _____

Why do you want to be in robotics?

Why do you think you will be a good robotics team member?

If you were able to invent and make anything, what would you want to invent?

Why would you choose to invent that thing?

Explain the first 2 steps you would take as you work toward your invention.