

## 2021-22 ROBOTICS CLUB STUDENT REGISTRATION FORM

The Robotics Club starts in June 2021 for students in 6<sup>th</sup> -12<sup>th</sup> grades (includes 5<sup>th</sup> grade for SCS). The club will meet once a week and as needed with the schedule being set by the coaches/sponsors. Teams will practice in the garage bays of the SMC Auxiliary Building (former JEO) at 142 W. 11<sup>th</sup> St., Wahoo. The cost is \$300 per student for the year which includes the cost of the parts, technology, and other club costs. Each team will also be responsible for financing all tournaments in which they wish to participate. **This form and fees are due by June 30, 2021. You can drop the form and fees at one of the schools in an envelope marked "Robotics". To mail your registration form please send to: (Neumann Students) Bishop Neumann, ATTN: Robotics, 202 S. Linden St. Wahoo, NE 68066 and (Public Students) Wahoo, ATTN: Robotics, 2201 North Locust Street Wahoo, NE 68066.**

Parent Name: \_\_\_\_\_ Student(s) Names: \_\_\_\_\_

School: \_\_\_\_\_ Student Grade(s): \_\_\_\_\_ Student T-shirt size: \_\_\_\_\_

E-mail Address: \_\_\_\_\_ Phone Number: \_\_\_\_\_ ok to text: Y/N.

Fee: \$300 Per Student \_\_\_\_\_ (Neumann Students: Make checks payable to Cavalry Robotics/Neumann & Public Students: Make checks payable to Wahoo Public Schools)  
Total Enrollment Fee

1. Would you be willing to serve as a team facilitator / leader? Y / N
2. The Robotics Club Board needs volunteers for practices, grants, finances, tournament scheduling, specialty advisor, etc. Are you willing to help with these activities: Y / N
3. Do you know of any companies or individuals who have grants or funds available for a Robotics Club? If so, please contact Marv Wiese at [mjwiese@mmm.com](mailto:mjwiese@mmm.com).

### Robotics Club Information

**ROBOTICS CLUBS:** The Robotics Club competes in VEX EDR, which is focused just on Robotics (not other types of environmental programs) and is a program for students in middle school through college. For more information, go to <http://www.vexrobotics.com/vex>.

**STUDENTS:** Teams will consist of 2-4 students and 1-2 team facilitators / leaders (usually a parent volunteer). The teams will meet one time per week for 2 hours from June 2021 to February 2022, with some teams choosing to meet more frequently. Competitions are held on weekends from October to April. If families have more than one child in the Robotics Club, the parents have the option to have them on the same team if the team members are in the same age group.

**TEAM FACILITATOR/SPECIALTY ADVISORS:** Individuals who are interested in serving as a Robotics facilitator or advisor don't need special robotics training - any type of computer, electronics or technical background is helpful but not required. There will be training on the facilitation and advising process for interested adults prior to the season. The team facilitator and advisors help to facilitate the students through the process of building Robots; they should not be building robots. We need 1-2 facilitators for each team. Training for team facilitators will be determined later.

**COSTS:** The enrollment fee for each student is \$300 per year to help offset the costs of robots, technology and space. As robotics is expensive, and teams vary in the number of tournaments they wish to attend during a season, we are adopting a policy that each team must finance tournaments expenses, including registration, travel, food, and accommodations.

**HEALTH & SAFETY:** All relevant VEX and club safety policies will be reviewed and are expected to be followed. We will be following all school district health and safety policies, as well as Three Rivers Health Department and the state of Nebraska Mandated Health Directives.

Questions: Contact Theresa Dumont or Marc Kaminski at: [Theresabarger@hotmail.com](mailto:Theresabarger@hotmail.com) / [mkaminski@wahoowarriors.org](mailto:mkaminski@wahoowarriors.org)

# **Robotics Club Parent Information Sheet 2021-2022**

## **BOARD MEMBERS:**

- Marv and Kam Wiese: [mjwiese@mmm.com](mailto:mjwiese@mmm.com) [kamwiesecpa@gmail.com](mailto:kamwiesecpa@gmail.com)
- Ken and Theresa Dumont: [theresabarger@hotmail.com](mailto:theresabarger@hotmail.com) [kduit65@hotmail.com](mailto:kduit65@hotmail.com)
- Brian Sanderson: [bsanderson01@gmail.com](mailto:bsanderson01@gmail.com)
- Barb Shanahan: [bshanahan@wahoowarriors.org](mailto:bshanahan@wahoowarriors.org)
- Vicki Ruzicka: [vruzicka@wahoowarriors.org](mailto:vruzicka@wahoowarriors.org)
- Kristin Hurley: [kristin.hurley@gmail.com](mailto:kristin.hurley@gmail.com)
- Rick Stava: [prstava@yahoo.com](mailto:prstava@yahoo.com)
- Greg Williams: [glwilliams1@hotmail.com](mailto:glwilliams1@hotmail.com)
- Christy Coughlin: [littlesaltcc@gmail.com](mailto:littlesaltcc@gmail.com)

**We continue to seek additional board members. Please let us know if you are interested in becoming involved.**

**MISSION STATEMENT:** *To provide a positive learning environment for our youth to learn and become excited about science, technology, engineering and math utilizing the (STEM) approach.*

## **CLUB GOALS:**

1. Have fun and learn about science
2. Build a working robot that meets competition specs and game rules
3. Compete in tournaments (optional)

**COMMUNICATION:** Communication is a key component to a successful club. We will utilize email and text messages as our main method of communicating information to all of our parents. Please make sure we have the correct emails and phone numbers for everyone who needs our information. If you are unable to access email or receive text messages, please let us know so we can get you the information another way. Please let us know if you have any questions/concerns/ideas.

**WEBSITES:** Here are some of the websites we will use as reference for this year. We will be participating in VEX EDR when you go to these websites click on the links with EDR. [www.vexrobotics.com](http://www.vexrobotics.com)

[www.robotevents.com](http://www.robotevents.com)

[www.roboticseducation.org](http://www.roboticseducation.org)

<http://Wahooschools.org>Activities>Clubs&Organizations>Robotics>

<http://bishopneumann.com/activities/youth-robotics/>

<http://bishopneumann.com/athletics/catholic-youth-activities-organization/>

<https://www.facebook.com/Wahoo-Robotics-103771361710583>

Twitter @WahooRobotics

**PRACTICES:** Individual teams will often set their own practice schedule as needed. We need one adult team facilitator from each team present at all practices.

**EQUIPMENT:** There will be no equipment that students need to bring to each practice. All safety goggles and ear protection will be provided. Please change out of your school uniform and wear old clothes. Closed toe shoes are also recommended. We have a chop saw, grinder, and some hand held power tools. Our first practice will include a mandatory safety session. If your student chooses to bring their own tools, please make sure they are marked with your name. We cannot be responsible for lost or stolen tools.

**UNIFORMS:** There are no uniform requirements. We have a team T-shirt and each registered student will receive one free. We also hold a team fundraiser selling club T-shirts, hoodies, hats and more for students and family members. We will announce times when the items can be purchased from the club store at <https://rivalryapparel.com/>.

**VOLUNTEERS:** We have a great group of parents and kids with lots of support shown in many ways. Practices for now are open to parents and anyone who wants to learn along with us about the robotics process. Anyone interested in being on the board or helping with practices please let us know. We need at least one team facilitator from each team present during every practice. All volunteers need to have completed the Safe with Me training through the Lincoln Dioceses. Please see the following link for more information and provide the Cavalry Robotics board with a confirmation that this training has been completed. <https://bishopneumann.com/wp-content/uploads/2015/03/Safe-and-Sacred-Program-Background-Check-Form.pdf>

**TOURNAMENTS:** At [www.robotevents.com](http://www.robotevents.com) you can find a list of local tournaments and we encourage you to attend as a spectator if your schedule allows. Team participation in competitions will be at the team facilitator's discretion. Teams are not required to attend any tournaments, although most teams attend 2-4 during a season. Some teams may decide to attend tournaments almost every weekend. As each team is responsible for paying for registered tournaments, be certain that all team members agree at the start of the season about how many tournaments they will attend and how they will be financed (e.g. team families splitting the registration costs, fundraising). Also, tournaments quickly fill-up, so teams will need to be looking in advance for tournaments they wish to attend and register early to secure their team's spot.

**FUNDRAISING:** We are always open to ideas and suggestions on funding for our club. For more complete details please ask a current board member. Start-up cost for one team is generally in the \$3,000-\$5,000 range. If you have an employer or are willing to make a donation to our club please see a board member.

**FEE SUMMARY:** \$300 will help cover robotics equipment, material, computers, software, supplies, and T-shirts.

**ANTICIPATED EXPENSES COVERED BY ENROLLMENT FEE and FUNDRAISING:**

Controllers, kits, brain

Metal

Accessories: claws, wheels, sensors, wiring

Starter kits for new or young students: \$499 per kit

Team registration with VEX: \$100 per team

**ANTICIPATED COSTS OF TOURNAMENTS TO BE FINANCED BY EACH TEAM:**

Regular tournaments: \$50-\$100 per team

Regional tournament: \$150-250 per team

US Open: about \$650 per team

Worlds: about \$975 per team

All travel, food, and accommodations, if necessary.

**FINANCIAL ASSISTANCE:** Robotics is expensive, but we want every student to be able to participate. If the enrollment fee would be a hardship, scholarships are available. SCS families please contact Theresa Dumont ([theresabarger@hotmail.com](mailto:theresabarger@hotmail.com)) and WPS families please contact Barb Shanahan ([bshanahan@wahoowarriors.org](mailto:bshanahan@wahoowarriors.org)) to verify free/reduced lunch status and receive financial assistance.

**SCS CYAO:** Marv Weise is our representative.

**WPS Sponsors:** Vicki Ruzicka and Barb Shanahan