

SPSL Robotics Club Contract

Welcome to the SPSL Robotics Club for the 2022-2023 school year! This year we will be holding a 7 week, mini-robotics session for students in 3rd through 8th grades, utilizing the VEX IQ materials.

Robotics Club will meet on Mondays from March 20th – May 8th. We will meet in the SPSL Gym from 3:25-5:00 pm.

We will be utilizing the 2022/23 VEX IQ Game Slapshot.

(www.vexrobotics.com/iq/competition/viqc-current-game)

All meetings will be held at SPSL. We will not attend any outside events.

Cost: \$30 per student.

Space is limited to 40 students.

As a part of the sign-up process, we want to ensure that you understand the obligations, commitments, and expectations with accepting a spot in our club. Please read through the points below and discuss them (parents and student) to acknowledge your understanding of these expectations, then sign and date it. **Return signed contracts to Ryan and Kara Patch by Thursday, March 16 in order to be a member of Robotics Club.**

Rules and Expectations

- Payment must be received before a student will be placed on a team.
- Students will be placed in groups of 5-6 and are expected to participate each week.
- Students will remain engaged in work with their group. When using devices, the sites/apps accessed should be limited to what has been designated by the group's coach.
- Students should not leave the gym to use the restroom, get a drink, or when they go home for the evening, without adult permission.
- Student behaviors will follow the expectations set during the school day following the R.O.A.R. model (Ready to Learn, Offer Respect, Achieve a Safe Environment, Respect Others and Ourselves).
- Students must help to clean up their space and check out with their group leader before leaving for the day.
- **Robotics Club ends at 5:00.** Students must be picked up from the **upper south parking lot by the gym.**

The student and parent(s) understand the above rules and expectations are required to be an active member of the Robotics Club for the 2022-2023 school year.

Parent Signature

Student Signature

Date

Weather Advisory Statement:

If Omaha is under any sort of winter weather advisory, watch or warning during the school day or near the time of Robotics Club, Robotics Club will not be held.

St. Pius X/ St. Leo - Robotics Club 2022-2023

Registration Information

Student(s) name(s): _____

Grade(s): _____

Parent(s) Name(s) (or Guardians): _____

Home Address: _____

Home phone: _____

Cell phone (mom): _____

Cell phone (dad): _____

Email address (please print clearly):

Email address (please print clearly):

_____ **Yes, I am interested in helping as a Team Supervisor during**

meetings. (No experience required.) A team supervisor is needed for each group of students. If we do not have enough supervisors, we may not be able to accommodate all students.

Parent Signature:

For our records-

Payment received on (date): _____

Robotics Club Information

March 2, 2023

The St. Pius X / St. Leo School Robotics Club will be utilizing the Vex IQ Challenge materials this year. The 2022-23 VEX IQ Game is Slapshot. Students in grades 3rd-8th are invited to participate. (www.vexrobotics.com/iq/competition/viqc-current-game)

You can view the game details on YouTube: <https://youtu.be/vF3I8FscrKo>.

Students will be put into teams based on grade level and will work together to design and build robots that can solve problems and play games.

Recommended team size is 3-5 student. Space is limited to 40 students.

Robotics Club will meet on Mondays from 3:30-5:00 p.m. Meetings are held in the SPSL Gym.

**** A completed Registration Form and the registration fee must be turned in BEFORE a child will be placed on a team.**

Checks should be made to St. Pius X/St. Leo School. Please note Robotics Club on the memo line.

Registration forms can be found in the office.

Completed Registration forms and payment can be sent to the school office via your student.

Registration Due Date: Thursday, March 16, 2023.

Season Dates:

March 20, 2023, thru May 8, 2023

VEX IQ teams will NOT be participating in League play or tournaments this year.

- 3/20 - First VEX IQ Meeting - Team Introductions
- 3/27 – Meeting
- 4/3 - Meeting
- 4/10 – No Meeting - No School (Easter Break)
- 4/17 – Meeting
- 4/24 – Meeting
- 5/1 – Meeting
- 5/8 – Final Meeting – Parents welcome to attend

Fees:

\$30 per student

Includes:

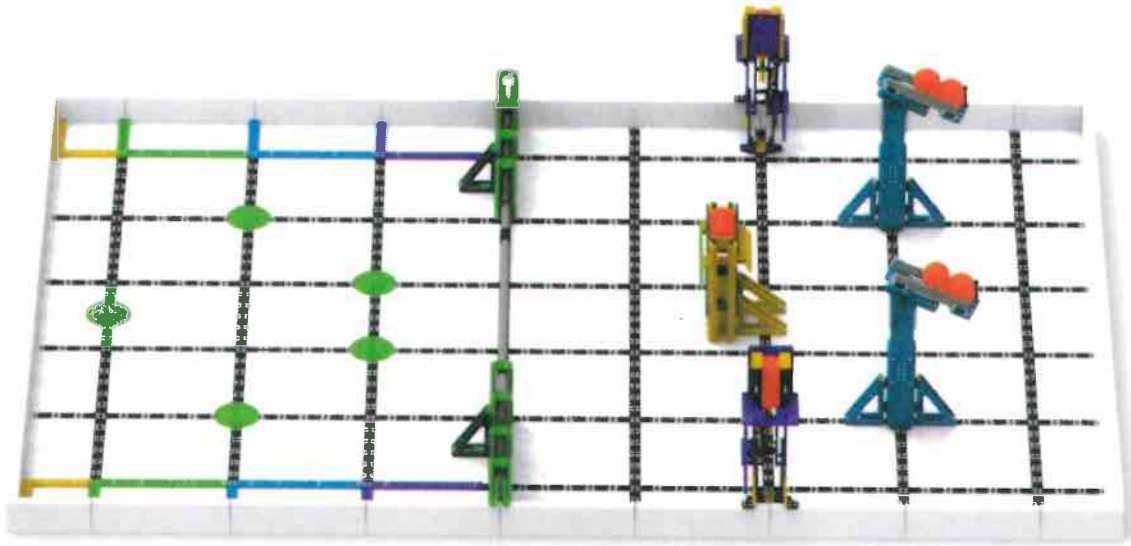
*Use of VEX IQ base kits

*Use of 2022/23 season VEX IQ game pieces Slapshot

(All robotic pieces are the property of SPSL and must be returned at the end of the season.)

*Team Engineering Notebooks

*Club Fees



The Game:

VEX IQ Competition Slapshot is played on a 6' x 8' rectangular field configured as seen above. Two robots compete in the Teamwork Challenge as an alliance in 60 second long teamwork matches, working collaboratively to score points.

Teams also compete in the Robot Skills Challenge where one robot takes the field to score as many points as possible. These matches consist of Driving Skills Matches, which will be entirely driver controlled, and Programming Skills Matches, which will be autonomous with limited human interaction.

The Details:

The scoring objects in VEX IQ Competition Slapshot are 2.5" (6.35 cm) diameter **Discs**. There are a total of **(45)** Discs on the field. The object of the game is to score as many points as possible with your alliance partner by **scoring Discs** in **Goal Zones**, **removing Discs** and touching **Contact Zones** at the end of the Match.

****Coaches should NOT be building or documenting for students. All work is completed by the students. ****

VEX IQ Coaches direct students to GROW - Goal. Reality. Options. Will.

All coaches must have Safe Environment Training. <https://archomaha.org/safe-environment/>

VEX IQ Tournaments:

We will not be attending any tournaments this season.

Club Expectations:

Students must be in the gym by 3:35 PM to participate in Robotics Club.

Students will **remain** engaged in work with their group. When using devices, the sites/apps accessed should be limited to what has been designated by the robotics' coach.

Students should not leave their group or the gym without adult permission to do so; to use the restroom, get a **drink**, or when they go home for the evening.

Student behaviors will follow the expectations set during the school day following the R.O.A.R. model (Ready to Learn, Offer Respect, Achieve a Safe Environment, Respect Others and Ourselves).

Clean up: Students will help to put away their kits/robots, and game equipment after each meeting. Tables and chairs will need to be cleaned up after each meeting. Thank you for ensuring that the space is cared for and ready for the next day.

Robotics Club ends at 5:00. Students must be picked up from the south parking lot outside the gym no later than 5:05 pm

Attire:

Students can wear their uniforms or appropriate street attire to practices.

Questions or Issues:

Once meetings have started, we ask that you communicate directly with your team coach regarding scheduling issues, missed meetings, etc. If you have additional questions or concerns, please let us know at karaepatch@gmail.com.

Thank you for your participation! We are looking forward to a great season!

Kara and Ryan Patch

Scoring:

Each Disc Scored in a Goal Zone	The Point value corresponding to that Goal Zone
Each Disc Removed from a Dispenser	1 Point
Each Robot that achieves the Contact Bonus	Additional 1 point per Disc that is Scored in the corresponding Goal Zone

Parent responsibilities:

- 1) Volunteer. We cannot run the Robotics Club without volunteer coaches. We would like to have 2 coaches per team so that if one coach is busy on any given Monday, the second coach can supervise the team. The number of teams in Robotics club will be limited to the number of coaches that volunteer.
- 2) Help during Monday meetings. We need to make sure that the gym is left the way we found it. Students may not leave meetings until all Robotics equipment is cleaned up, chairs and tables are put away, and any trash has been picked up. It is NOT the coach's responsibility to clean up after your students. Please take a moment to come into the gym at the end of each meeting to help us get things cleaned up. **If you come in a few minutes early you will also get to see what the kids are working on!**
- 3) Pickup. We will dismiss students out the gym doors on the south side of the building. Please be sure to pick up your student(s) precisely at 5:00 pm.
- 4) Please communicate with your student's coach of any schedule conflicts you may have and if your child is going to miss a meeting.

Coaching:

Each team needs 1 to 2 coaches. Coaches can alternate weeks.
Coaches attend Monday meetings to oversee students.
No technical experience is needed.