

2022-23 Nowata Public Schools

Competitive VIQC Robotics Application

(Middle School Version)

(1) What is Competitive VIQC Robotics?

Competitive VIQC Robotics is an exciting international robotics program that ignites enthusiasm for discovery, science, and technology in students of all ages. Every year the students are presented with a different challenge that they work on during the entire school year. The challenge for the 2022-23 year is called "Slapshot", details about which can be found at <https://www.roboticseducation.org/teams/vex-iq-competiton/>.

Competitive VEX Robotics is sponsored by the REC Foundation information about which can be found at <http://www.roboticseducation.org/>.

The program promotes teamwork, so students are grouped into teams of 3-6 people. The teams work together to design, prototype, build, document, and compete with a robot using VEX parts and tools. The Nowata Public School teams are mentored by the advisor and coach, Mr. Jason Prince.

Our Goals:

1. Engage students in higher order problem solving activities
2. Encourage students to learn about robotics and related engineering topics
3. Teach students to communicate with peers and adults

(2) What is expected of a team member?

In today's society, very few students are involved in just one activity. Like any team sport, participation on this team will require dedication and commitment. It is expected that all team members will attend a **minimum of 4 hours a week** working with their teams and attend **all full Saturday** team events. Some Saturday events require traveling and last about 12 hours.

Work sessions (tentative schedule) (take place at Nowata Middle School) Tuesday 3:30-5:30 Thursday 3:30-5:30 <i>*The days of the week are subject to change.</i>	Competition: tentative schedule 6:00am -- 6:00pm at Robotics Room for pickup/dropoff November 5th in Nowata - The Halloween Bash December 17th in Nowata - The Holiday Celebration January 14th in Nowata - Ironmen Pride Tournament February 11th in Nowata - Ironmen Invitational There will be other competitions on Saturdays during November, December, January, and February. The locations could possibly include Tahlequah, Blackwell, Stillwater, OKC, or others that will be revealed later.
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(3) How do I join?

Fill out the attached application carefully and return it by **Thursday Sept. 15, 2022** to
Nowata Middle School or Elementary School
Main Office Attention: Mr. Jason Prince
or to the Robotics Room

You may also mail the application to:

Nowata Public Schools
ATTN: Jason Prince
707 W Osage Ave
Nowata, OK 74048

Additional Information

- Additional pages may be added if more space is needed.
- There are **approximately 15 spots** available for the Middle School division of the Nowata VIQC Robotics team.
- There are **approximately 15 spots** available for the Elementary School division of the Nowata VIQC Robotics team.
- **Applications must be completed by HAND, by the student only**.** Please do your best to answer the questions carefully and completely.
**In the case of special needs students please have the parents or special education teacher contact Mr. Prince to discuss the situation.
- If you have any questions feel free to contact Mr. Prince by one of the following methods:
email: princej@npsok.org
call or text: (810) 305-9861
using Bloomz
- Bloomz is an app that can be accessed on a phone, tablet, Chromebook or computer. Follow these instructions to join the group as this will be my main method of communication.
 1. go to Bloomz.net or download the app
 2. click "join Bloomz" or if you already have an account then login
 3. click on "Enter Code"
 4. use the code **HZVKTN** for students or **UDZVVQ** for parents
 5. Follow the steps to create your account if necessary.

Good Luck!

Please do not turn in this first page as part of your application. Please keep it for your reference and turn in the last six pages ONLY.

Nowata VIQC Robotics Challenge

Application for membership in the 2022 - 2023 “Slapshot” Challenge

For information on VIQC Robotics and the “Slapshot” challenge, please go to www.vexrobotics.com

Deadline for application submission must be received by 3:25 pm on Thursday September 15th 2022.

Electronic versions of the application will not be accepted.

Applications must be delivered to the Nowata Elementary or Middle School Office, or the Robotics Room or they can be mailed to:

*Nowata Public Schools
ATTN: Jason Prince
707 W Osage Ave
Nowata, OK 74048*

General Information

Nowata Robotics is looking for enthusiastic, committed members to work on the 2022-2023 VEX challenge. This membership requires a lot of time, dedication, and commitment. Before you apply for this please ask yourself, "Am I ready for this challenge?". Your membership will require you to make this a priority and not just a “*go to when I feel like it*” event. Members are formed into smaller teams and the success of the team depends on the regular participation of its members. Your membership is a full year commitment, not a season event. Meetings start as school is beginning and can end after school does. Work sessions are every week and competitions are on the weekend, last about 12 hours and require traveling. See information packet for schedule of work sessions.

Nowata Robotics is an extracurricular activity of the Nowata Public Schools Board of Education. All policies and procedures of the Nowata Public Schools Board of Education are followed by the Nowata Robotics team.

Parents are **NOT** allowed to participate with hands-on help during our work sessions or competitions. They are only encouraged to make suggestions and ask questions that help students reflect on their work. However, the success of our program depends on the volunteers, so volunteering during our events is a requirement. Volunteers are also needed during our work sessions to help with managing a large group of students.

Your application will be reviewed by the coaches and scored based on the answers the student gives in the application. Students scores and teacher recommendations will be used to choose members for the teams. If you do not make it on the team you will be able to apply the following year.

Student Information

Name _____

Email Address(use school email if you have one) _____

Student Cell Phone Number (if you have one) _____

Sibling Name (if sibling has been involved in Robotics) _____

Grade (*as of September 2022*) _____

Birth Day _____

Teacher Name for recommendation form _____

Parent/Guardian Information

Name(s) _____

Email Address(es) _____

Contact Phone(s) # _____

Applicant Questions

*Please make sure that the following section is completed by the students and not the parents. Please write neatly because if we can't read it we can't score it. **Please write this using pen or pencil.** If you need more space, please attach a separate sheet of paper and number it at the top with the number of the question it is finishing.*

1. Describe your experience working with Science, Technology, Engineering, and Math (STEM) related topics.

Example: list hands-on experience with VEX robotics kits, other robotics kits, workshops, classes.

2. Describe any computer or robot programming experience you have. (If you don't have any that is OK. Please describe any other computer experience you have instead.)

3. What other after school activities are you involved in? And when do they occur? Example: band, choir, clubs, dance, sports, scouts, religious organizations, etc.

4. Rate yourself on the following topics in the table below. Please be honest and indicate which qualities are your strengths and which are weaknesses. It is OK to have a weakness. This will help us in forming the teams, as teams are composed of members with different expertise.

	Very Good	Good	Not So Good	No Experience
Design				
Building				
Problem Solving and Troubleshooting				
Programming				
Computer Related Work				
Team Work				
Strategy				
Dedication				
Ability to work with adults and older team members				

5. Why do you have a particular weakness or strength? (from the table above)

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.

1. _____
2. _____
3. _____
4. _____
5. _____

Acknowledgement and Signatures

I, *(parent name)*_____ understand the commitment it takes to be a part of a Nowata Robotics Team Member, and support my child being a part of this. I understand that if my child does not show dedication and regular participation they can be removed from the team. I agree that we can meet all of the requirements.

I, *(student name)*_____ understand that this is a serious commitment and it would take priority over all my other after school activities.

Volunteering (parent acknowledgement only--students, please do not fill out this part)

This program is run by the school; however, most of these events require that parents help for the competitions as well as having at least one parent present at most practice sessions.

We are holding multiple tournaments at Nowata Schools this year. These events will be our main fundraisers of the year and **would require every single parent to volunteer in some capacity before, during or after the events**. Please sign here to indicate that you understand this and are willing to help. (No experience needed).

_____ Parent Signature _____ Date

Contact for Additional information and Questions

Robotics Coach: Jason Prince
call or text: (810) 305-9861
email: princej@npsok.org

Teacher's Recommendation To Join the Robotics Team

Dear Nowata Teacher, first let me say thank you for taking the time to fill out this form for the student that asked for your recommendation. Please fill it out to the best of your knowledge based on your personal interactions with the student. When completed please return it to Mr. Prince, do not give it back to the student.

Student Name: _____

Teacher Name: _____

How long have you known the student _____

How do you know the student? _____

How would you describe their teamwork skills: _____

How would you describe their work ethic: _____

Please rate the following on a scale from 1 to 5 with the higher number being better.

	Poor	OK	Decent	Good	Amazing
Attitude	1	2	3	4	5
Attendance/Punctuality	1	2	3	4	5
Creativity	1	2	3	4	5
Dependability	1	2	3	4	5
Following Directions	1	2	3	4	5
Initiative	1	2	3	4	5
Leadership	1	2	3	4	5
Communication	1	2	3	4	5
Do you recommend I accept them as part of the Robotics Team				No	Yes

Teacher Signature: _____