

Full Volume VEX IQ ES State Qualifier

Binford Elementary School

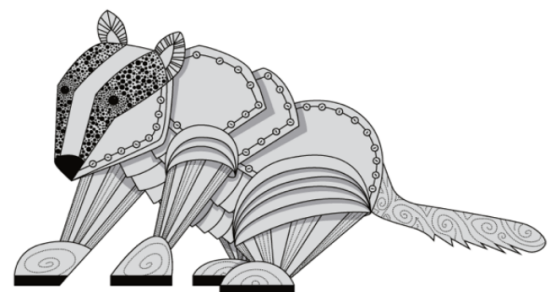
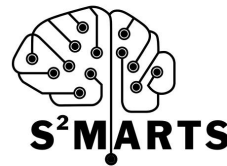
2300 E. 2nd Street
Bloomington, Indiana 47401
December 9, 2023

Tentative Schedule

8:00	Doors open
8:00-8:45	Check in, robot inspection, strategize with other teams, boards open for practice
8:45	Check in deadline to be included in matches
9:10	Coach meeting by gym entrance; match list released
9:30	Student meeting in front of bleachers
9:45-11:15	Qualifying matches + skills
11:15-11:45	Lunch break
11:45-12:00	Skills open on all boards
12:00-2:15	Qualifying matches + skills
2:25	Finals + awards
2:45	Clean up + departure (don't forget to pick up your Engineering Notebook!)

Schedule is dependent on number of teams who show up

BadgerBOT event team sponsors:



BADGERBOTS

Welcome Teams,

Thank you for registering for the Binford Elementary Vex IQ ES State Qualifier event! Enclosed, you will find detailed information to help your team prepare for the event and ensure we all do our part to make the competition as smooth, safe, and successful as possible. Please carefully review the contents of this document at your earliest convenience and let us know if you have any questions. We look forward to meeting your teams!

Advanced Preparation

Payment

Make sure your team paid for registration and it has been completely approved prior to arriving by checking on robotevents.com. There is no registration payment on competition day.

Accommodations

Please email us if your team requires any special accommodations for the day of the competition. mhatfiel@mccsc.edu

Inclement Weather

It's unlikely the event will be canceled due to weather, but it has happened before. Please check robotevents.com for cancellations if there is inclement weather because this is Indiana, so you never know! Robotevent's policy is to not reschedule events if there are weather related issues.

Participant Release Forms

Be sure your team members have completed a participant release form on robotevents.com prior to the event.

Arrival

Teams may park in either lot at our school, at the primary school next door (Rogers), or at Eastland Plaza northeast of the school if needed. Binford Elementary is to the east of Rogers, but both buildings are on the same property. Enter Binford from the doors near the flagpole.

Engineering Notebook

For teams who have an Engineering Notebook, please have them labeled with your team number for judges to review. Engineering notebooks are not required for participation but are required in order to qualify for the Excellence Award. Engineering Notebooks are turned in at

check in and will be returned to teams at the end of the competition or placed on the check in table, so be sure to pick yours up before departure. ***UPDATE: depending on last minute team registrations, judging may not be part of this competition. Vex's latest updated guideline requires 33 registered teams at an event to have adequate state spots to offer judging. Updates to teams attending our event will happen when registration closes. ***

Check In

Check in as soon as your team (+robot) arrives so we know how many teams showed up. After check in, teams can put all their belongings and robot supplies in the pit area in the gym. You will have one table per registered team. Please keep the team number visible on your table so other teams and competition officials can find you.

After 8:45, competition matches are made, so there is no late check in! Your team will be dropped from the event if not checked in by this time. Please contact Shelly Hatfield at 812-327-8687 if an emergency arises on the morning of the event which delays your team's arrival past 8:45, but you are still planning to attend.

Inspections

Once teams are settled in the pit area, the first order of business is to have your robot inspected. Make sure you do this as soon as possible so our event can start on time. Check its size and know basic answers about the number of motors and brains and details about parts before coming to the inspection table. Have your inspection early in case modifications need to be made. All robots must pass inspection prior to competing and must be re-inspected if modifications are made during the competition.

A complete list of items to check is available at

<https://roboticseducation.org/documents/2023/05/robot-inspection-checklist-viqrc-full-volume.pdf/>, but the most common issue is having a robot that is too large. The official size is 11 x 19 x 15.

Practice

After you've passed inspection, spend some time refining skills on the practice boards and meeting other teams to strategize. Coaches can have a team meeting to discuss behavior expectations, guidelines, and ways to encourage teammates. Discuss what you'd like to say to the judges when they come to interview your team about your robot (assuming we are able to keep judging in the event this year). Plan who is driving for each match if you have more than two drivers. Explain to your team they must be in queuing on time, or they risk being penalized if not prepared for their match. Remind drivers to have their robot on, remote on, and both paired when in the queue.

Batteries

Have your batteries fully charged and labeled with your team number prior to the event. We will have some power strips for charging stations, but they may be in high demand. Bring chargers for your robot brain and remote control to the competition, but make sure all of these are also labeled with your team's number.

Teamwork Matches

Each team will receive a match schedule once all teams have checked in and we've had our coach meeting. This schedule will outline, by team number, the teamwork match pairings. Two drivers (not adults) need to get in the queuing line with a working, inspected robot. Teams are asked to be in queuing early to help things flow smoothly. Once matches begin, things move quickly! There are no time outs and teams can be penalized if they are late to their matches.

Good sportsmanship and encouragement are expected from the teams, coaches, and parents at these events. We are here for the kids!

Driver Skills/Autonomous

Teams may drive three times each for both skills and autonomous at their own convenience between primary teamwork matches. Both skills and autonomous are optional portions of the competition but provide another opportunity to showcase student hard work.

Safety

It is imperative that we provide a safe, respectful experience for all participants. As a coach, it is your responsibility to partner with us to ensure this happens. Please review behavior and safety expectations including the REC Foundation Code of Conduct and Event Safety Guidelines below with your team and parents prior to arrival.

Remind your families that robotics competitions are not drop-off events. Parents are expected to help supervise their children so you can coach the team and focus on the robotics.

Please do not record or photograph faces of other participants to post on social media without their responsible adult's express permission, especially if they have a name visible on their shirt. You are welcome and encouraged, however, to record and post about all the amazing robots you'll see all day!

<https://vrc-kb.recf.org/hc/en-us/articles/9653987780375-Code-of-Conduct>

Judges

Judges will walk around throughout the day to interview your students (not parents or coaches) regarding their team, role/contribution, their robot, building process, etc. Please prepare your students for this by reminding them that there are no wrong answers in this situation and to answer questions to the best of their ability. The judging process is an opportunity for them to share with the judges the great things they have accomplished so far this season.

Awards

Awards are offered in the following categories for this competition:

Excellence	Teamwork x2	Judges
Robot Skills	Design	

Concessions

Robotics events are long, exciting days filled with many activities requiring maximum brain power. With this in mind, it's important to keep your team fueled well! Concessions will be open at our event starting at 8:30 a.m. There are plenty of choices at reasonable prices for everyone! Cash and cards are both accepted. The concessions committee is working to offer pizzas to order ahead for your teams. Watch for that order form soon.

Scoring

Robot drivers work with the referees to count points at the end of a match or skills event. The students advocate for themselves if they see a discrepancy or are unclear on the scoring. The referees discuss this with them to be certain and are there to help the drivers. Once the drivers leave the field, the scores are final. It is up to the students NOT coaches or parents to have these discussions. Referees are not permitted to review videos of matches to determine scores.

Thank you for registering for our event. We hope your team has a great day! Let us know if we can help with anything.

Sincerely,

Shelly Hatfield and Ben Northcutt Bohmert

BadgerBOTS coaches

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812-330-7741 school

812-327-8687 Shelly's cell