

Mead Middle Robotics



Competitive Team Application

Please print or type in the following application and follow all instructions carefully. If you need more room, please add additional pages. Turn in the completed application to **Amanda White (Room 300/302)** or **Anna Youngs (Room 209)**. If you have any questions please email white_amanda@svvsd.org, youngs_anna@svvsd.org, and youngs_perry@svvsd.org

*****You MUST have your parents read over the document and initial/sign where needed.*****

Application deadline is WEDNESDAY, SEPTEMBER 10, 2025. The coaches will review applications and inform you of your acceptance onto the competitive team on Monday, September 15th. Both of these will be used by the coaches to determine your acceptance onto the competitive robotics team.

Name: _____

Date: _____

Grade: _____

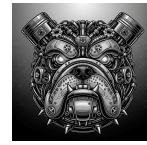
1. Do you have experience on a robotics team? If yes, describe where/when and the details of your contributions to your team.

2. Describe your design and engineering background (building). Think of all the things you may have built using Legos, K'Nex, VEX, etc.

3. You will be working on a team of 3-5 students for the entire competitive season. What qualities would you expect from your team members to have the best experience on the robotics team?



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What makes you a good candidate for the Mead Middle Competitive Robotics Team? There are many roles and responsibilities that you will need to flexibly step into in order to be successful on the competitive robotics team. Please read through these roles below and then answer the questions provided after that section.

Competitive Robotics Flexible Roles & Responsibilities

→ Programmers -

- ◆ Make decisions about programming and be responsible for gathering a consensus among the team to create the necessary programs on RobotC for the robot.
- ◆ Be responsible for learning more programming if your team does not need you at a certain time.

→ Designers -

- ◆ Responsible for the CAD Design of the team's sub-assemblies and creating BOMs (Bill Of Materials) for use in building.
- ◆ Will update and document changes to the robot build as needed.

→ Builders -

- ◆ Make decisions about building and work to form a consensus on the mechanical design of the team's robot.
- ◆ Preventative maintenance where you are responsible for upkeep to the robot in between drives
- ◆ Will compile a checklist for preventative maintenance during competitions.

→ Drivers -

- ◆ Responsible for full understanding of the game and the team's strategy.
- ◆ Coordinate with builders and programmers on machine operation and improvements.

→ Documentation/Engineering Note Taking -

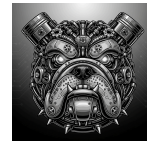
- ◆ Record and document the entire team's thoughts, actions, failures, and successes throughout the season. These records will help the team organize information for decision making and be used for the presentation.

4. Which two roles do you see yourself being able to step into a leadership position within your team? Please explain why.

5. Which two roles do you think you may need guidance or coaching on how to be able to step into during the season? What is the best way for your teammates to help you fulfill these roles?



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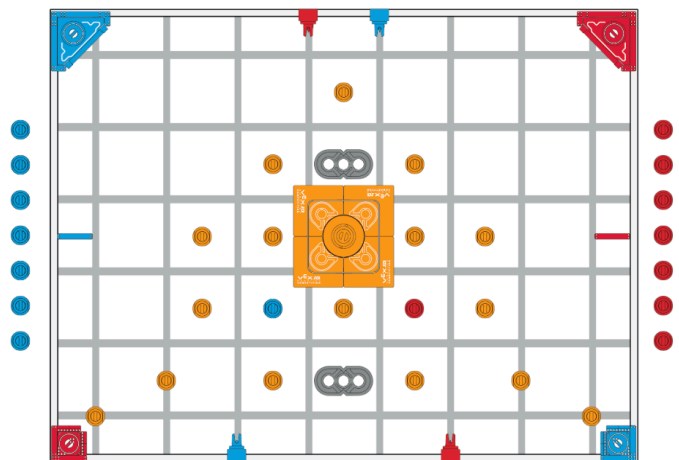


6. Innovation and communication are key pieces of being successful with a student-centered robotics club. Please use the QR code to watch this year's game, Mix & Match. Take some time to think about what a robot will need in order to play this game. Then use a mixture of sketches and words to describe at least one key piece of design that you feel is critical to include in your robot and why within the following graphic organizer.



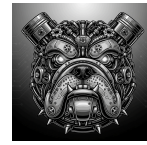
Necessary/Innovative Design Element to Include: use either sketches, words, or a mixture.	How will the inclusion of this design/piece of the robot help with the game, Mix & Match?

7. What are your current thoughts on how to strategically score points in this game? Demonstrate your ability to communicate your ideas with both words and on the diagram on the field.





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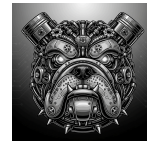
Student Participation Agreement:

We expect the best from our students and teams. This will be a great learning opportunity for you. Please initial the following expectations that you will abide by throughout every practice and tournament.

- ★ I understand that the Mead Middle Robotics Competitive Team will be working towards deadlines for competition and I will do my best to keep my team on task to meet those deadlines.
 - Student Initial _____ Parent Initial _____
- ★ I understand that Mead Middle School has invested thousands of dollars into equipment for this team. I will be responsible and take care of the equipment and clean up after myself and the team.
 - Student Initial _____ Parent Initial _____
- ★ I understand that all design and building is done collaboratively as a team. If a team chooses to check out equipment over weekends, all equipment must be returned the following Monday. At least 2 team members must be present for build/design and (1) the engineering notebook must be filled out and (2) a picture of the team members working must be emailed to coaches.
 - Student Initial _____ Parent Initial _____
- ★ I understand that I will need to learn the basics of all roles and responsibilities. I will be flexible with what roles and responsibilities I have on a daily basis as it will depend on where my team is within the build, programming, and drive stage.
 - Student Initial _____ Parent Initial _____
- ★ I understand that being on the Mead Middle Competitive Robotics Team is a privilege and all members are required to have passing grades of “C” or above. Should my grades fall below this, I will be required to miss the team practice to work on my assignments for class. This could impact my team and my position on the team.
 - Student Initial _____ Parent Initial _____
- ★ I understand that after school meetings are essential and will do my best to attend every meeting. Should I have conflicts, I will consult in advance with the coaches and let them know. If a student is involved in a school sponsored sport, the expectation is that they attend robotics once a week during that season and communicate this with all coaches.
 - Student Initial _____ Parent Initial _____
- ★ I understand that my team will keep a daily log of our work using the robotics notebooks and there will be daily entries showing the work I have done to help my team.
 - Student Initial _____ Parent Initial _____



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Behavior Agreement:

The following is the behavior expectations discussed at the parent meeting. Please review these expectations one more time with your student and sign below that you agree to these expectations.

GROUP WORK EXPECTATIONS

- Get Along → we will not argue
- Respect Others → listen to other people's ideas without putdowns
- On Task Behavior → Are you doing your job? Are you on task with your group?
- Use quiet voices → only your group should hear you
- Participate → do your part-don't let other people do all the work
- Stay safe in your group → work with only the people in your group

If students choose not to follow the group work expectations, here is our behavior process:

- 1st Strike: BARK reflection gets sent home to parents/guardians.
- 2nd Strike: Student calls home, parent comes & picks them up, leaves the practice for the day.
- 3rd Strike: Student calls home, parent picks them up, and student does not return to robotics for the rest of the season.

In short, I will be a dedicated and responsible participant of the Mead Middle Competitive Robotics Team. If at any point I become a continuous disruption or create an issue for the team, I may be removed and replaced.

Student Name: _____

Student Signature: _____

Parent Understanding and Agreement:

Communication to parents about the robotics team will come via email and Schoology. Parents will be responsible for arranging transportation for students after practice and to the events. In the event that a team qualifies for the Colorado VEX State Championships or the VEX Robotics World Championships, parents will be responsible for any traveling fees with the help from the District.

Please sign below that you agree, if your student is accepted onto the competitive team, to the above expectations and guidelines laid out in the application. We will need you to provide an email for communications. Should you have any questions please feel free to email: white_amanda@svvsd.org, youngs_anna@svvsd.org, and youngs_perry@svvsd.org

Parent Name

Email

Parent Signature

Phone Number