



Team member, creative, imaginative, leader, programmer, designer, team player? Any of those apply to you? If so, complete your application for the Baytown Junior Robotics Competition Team complete with math/science teacher names, have parents sign off, and join this fascinating branch of technology!

Team Description:

Team membership is open to students in grades 6,7,8. We will utilize Lego Mindstorm kits and SCRATCH programming software to **design, build, and program** robots, and **compete** with other schools at an early Saturday January tournament. Robotics will involve research, problem solving strategies, motor control, torque, friction, sensors, program loops, decision-making, timing sequences, and propulsion. Since this is a UIL competition, grades and attendance are a priority. The team will be limited to **NO MORE THAN 10** team members.

As a Robotics student, you will be required to:

- Maintain a successful grade point average (pass ALL classes)
- Maintain satisfactory conduct, attendance, and partner cooperation (no discipline issues).
- Complete all assignments, both in and out of class.
- Participate in a competition outside the normal school day as assigned by the instructor.
- Attend and contribute to weekly robotics meetings, Tuesday/Wednesday 4:00-6:00, adding more as competition approaches.

Transportation home must be prompt, sponsors have family responsibilities. Possible Saturday build sessions, as needed (one or two 10-2 probably).

Students missing any practice 2 weeks prior to a tournament will not attend the tournament.

To help us make our decision regarding student selections for our team, please complete the application which consists of:

- Contact information (BE SURE TO WRITE MATH/SCIENCE teacher at top!!!)
- Interview questions
- Teacher recommendation (will be given to teachers by Robotic Sponsor)

Return your completed portion of the application to the Baytown Junior Library by Thursday, September 23. Teachers will be asked to complete appraisals of the student's academic performance, behavior, work habits. The plan is for any new team member to receive an acceptance note by Monday, September 27.

If there are questions, please contact:

Mrs. West: 281.420.4560 X 60040, email: beverly.west@gccisd.net

Ms. Black: 281.420.4560 X 60103, email: teresa.black@gccisd.net

(Please keep this front page as a reference)

Answer **FULLY** in **complete sentences**, continue on reverse, if more room is needed

List any **conflicts** that will prevent you from attending after school practices/meetings or the Saturday competitions/build sessions (probably one in late November, another in early/mid-December, possibly an early January. No Saturday session will be the week of a school holiday:

Answer the following Robotics TEAM Interview Questions in complete sentences

1. What do you think might be the most enjoyable part of being a member of the robotics team?

2. What is special about you that you will bring to the robotics team?

3. What do you hope to achieve on this team?

4. Why do you want to be in the Robotics program?

5. Give an example of a project you completed with a team **OR** describe team experiences.

6. You have a fabulous idea for the robot, but nobody wants to do it! Now what?

Teacher Recommendation Form

Student Name _____ ID _____

What are the first two words that come to mind describing this student?

1. _____ 2. _____

Please place a checkmark in the box that represents your evaluation of the student in comparison to other students in the same grade whom you have taught. Feel free to enter comments that you believe would help us decide between students who are closely rated.

	One of the top few I have ever encountered	Excellent (top 10%)	Good (above average)	Average	Below Average	Comments
Intellectual ability						
Ability in oral expression						
Intellectual curiosity						
Problem Solver						
Effort and determination						
Ability to work independently						
Organization						
Creativity						
Willingness to take risks						
Honesty/Integrity						
Ability to work with others						
Maturity						
Responsible						
Respected by faculty						
Respected by peers						
Self-control						
Reliable						
Collaborative						

I Highly recommend Recommend Recommend with reservations Do not recommend

Name _____ Signature _____ Date _____

Please return this form to Mrs. West. Thank you so much!

Teacher Recommendation Form Due September 24, 2021, 4:15 p.m., library

Student: _____ Subject Taught _____

This student is applying for the robotics team. Successful students are creative, critical thinkers, relish problem solving, able to focus for extended periods of time, and are willing to work collaboratively on tough problems. Please evaluate this student based on the following assessment and return to Mrs. West Friday, 9.17.21, 4:15 p.m..

On a scale of 1-10 (1=low, 10=high) rate the student

1. Critical thinker: demonstrates analytical reasoning skills.

1 2 3 4 5 6 7 8 9 10

2. Problem solver: Interested in and intrigued by solving problems.

1 2 3 4 5 6 7 8 9 10

3. Creative thinker: thinks outside-the-box, sees things from multiple perspectives.

1 2 3 4 5 6 7 8 9 10

4. Curious mind: wants to learn, wants to know why.

1 2 3 4 5 6 7 8 9 10

5. Self-controlled: able to maintain focus and attention.

1 2 3 4 5 6 7 8 9 10

6. Reliable: completes assignments in a timely manner; does not need, "micromanaging."

1 2 3 4 5 6 7 8 9 10

7. Collaborative: willing to contribute, listen to, consider and accept ideas from others.

1 2 3 4 5 6 7 8 9 10

Please write any additional thoughts that will give more insight into how this student thinks and performs, utilizing the back if necessary. Thank you for your assistance.

Teacher name (printed): _____

Signed: _____ Date: _____

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