
1082V: Girl Power

Lovejoy High School

Lucas, TX

By: Bridget, Gabriel, Galen, Hannah, Jasmine, Julia, Luke, and Zac



Who is 1082V?

1082V is mostly a continuation from last year's team, 1082W, with a few new faces. Hannah and Jasmine are new to the team this year and refuse to take pictures of themselves because they are camera shy.

Bridget

Julia

Gabriel

Luke

Zac

Galen



Picture of our first competition. Only five of us were allowed to go.



Who is 1082V? (continued)

Bridget O'Dowd - Bridget is currently in her Sophomore year at Lovejoy High School, she has been in robotics for 3 years. Bridget is the Lead Designer for team 1082V, she also does Build and Notebook.

Gabriel Ezell - Gabriel is currently in his Junior year at Lovejoy High School, he has been in robotics for 2 years and is the captain of 1082V. Gabriel is the CAD(er) for team 1082V, he also does Build, Strategy, and Notebook.

Galen Ezell - Galen is currently in his Junior year at Lovejoy High School, he has been in robotics for 2 years. Galen is the Lead Builder for team 1082V, he also does Notebook.

Hannah Mao - Hannah is currently in her Sophomore year at Lovejoy High School, she has been in robotics for 1 year. Hannah is a Strategist for team 1082V, she also does Programming and Strategy.



Who is 1082V? (continued)

Jasmine Khalil - Jasmine is currently in her Sophomore year at Lovejoy High School, she has been in robotics for half a year. Jasmine is a Project manager for team 1082V, she also does Build, Notebook, and Design.

Julia Johnson - Julia is currently in her Sophomore year at Lovejoy High School, she has been in robotics for 2 years. Julia is the Lead Notebooker for team 1082V, she also does Project management, Build, and Design.

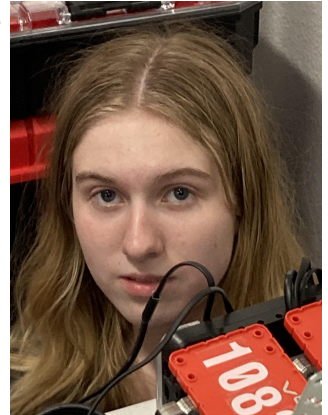
Luke Farkas - Luke is currently in his Junior year at Lovejoy High School, he has been in robotics for 2 years. Luke is the Driver for team 1082V, he also does Notebook, Build, and Strategy.

Zac Blasko - Zac is currently in his Junior year at Lovejoy High School, he has been in robotics for 2 years. Zac is a Programmer for team 1082V, he also does Build, Strategy, and Notebook.

Describe what the phrase “Girl Powered” means to the author(s) and how it impacts their approach to robotics.

When I think of “Girl Powered” one thing really stands out: unity, the females of the robotics community excel in working together and communicating in unity to complete one central goal. The girl powered community is a strong and incredibly important part to display the power of the smaller robotics female representation. The fact that girls don't generally lean towards the robotics field or are discouraged from doing so makes it all the more important to show the world the power of girls in the STEM field. As a member of the “Girl Powered” community, it is our top priority to show the world what women in STEM are capable of, and we can really represent that in a girl powered community.

Girls are just as capable as men and in some areas even better than men.



Describe how the team takes initiative to create a more inclusive environment that attracts a diverse group of students.

Our team gives everyone equal roles despite sex or race. We are open to all types of people-- we simply expect the person to work hard in order to take part in our team. We also treat everyone equally and with respect.

In order to attract a more inclusive environment for a diverse group of individuals, my team experiments with almost all the roles in robotics, so that all team members can have knowledge on almost all different aspects of robotics, and can help each other to give a different perspective on a situation.



Describe how team members are encouraged to try various roles on the team (designing, building, driving, programming, strategy, awards, etc.), and what did they learn from this experience.

Yes, team members work in all sorts of different roles. Not only does the team member do their own specified role that they excel in, but they also explore other roles and learn from fellow team members.

In team 1082V, we strive to encourage all our team members to explore not only the role they specialize in but also the roles they don't know much about, encouraging a diverse team of students. This helps give our team multiple perspectives on one role in robotics vs only one opinion on one role in robotics. They learn to adapt and constantly learn more about each individual role and find where their strengths and weaknesses lay.



Explain how diversity of perspective influences robot design, team chemistry, and ability to succeed.

Yes, I believe diversity of perspective strongly affects our ability to succeed. If we don't have diversity in our team, we can't seek to improve because, if we were all the same, everyone could easily have the same general idea, and if that one idea doesn't work, we'll need different opinions for a strong team chemistry and success of our team overall.

We believe that diversity of perspective improves not only our chemistry, but also our team's ability to succeed overall. This is because with multiple differing opinions we are able to see multiple perspectives to look at and decide on the best solution. This ultimately allows our team to go through trial and error and come up with what works best as a team.



Describe a STEM role model and how this person inspires a more inclusive team/program.

Our role model is Coach Strickland because he constantly sets a good example of hard work and determination, and he motivates our team to be the best we can be. Coach checks up on us and helps us to do work when we need it. He is very caring and he is everything that a robotics student should be and resemble. He is a loving father to his children and a caring teacher. He would never ever allow any of us to give up. He constantly motivates us by setting an example of what a hard worker looks like. Coach inspires the best work in every single student he influences by truly believing in them. Coach Strickland shows that hard work pays off, and that you can have fun even when you are working hard. He teaches us the importance of caring about others, and working as a team.

Our Coach promotes diversity and inclusiveness by reaching out to students and encouraging them to join robotics, with no bias as to gender or any other factors. Coach Strickland inspires a more inclusive program by showing that anyone can succeed if they work hard.

