



**Student:** Kylie

**Grade Level:** 11

**Season:** 2023 - Charged Up

**Explain how the student embodies the philosophies of Gracious Professionalism and Coopertition through the *FIRST* Core Values: Discovery, Innovation, Impact, Inclusion, Teamwork, and Fun. Please provide examples.**

In and beyond our team, Kylie is known for her energy and enthusiasm. As one of the key contributors to the creation of a spirit team, she involved everyone in the excitement of competition and was known by other teams for her help in developing cheers during elimination matches. As she focused on the spirit effort, she did much more than just cheer — she created signs and set up our team numbers, ensuring every member had a role in cheering on our team. Within team practices, she works extensively with new students — fostering confidence and ensuring that everyone who's interested can build a robot. Before students even join the team, she focuses on connecting our schools with STEM by driving at outreach events, capturing the attention of attendees.

**How has the student increased the awareness of *FIRST*? Describe the student's interests and/or plans to continue to engage with *FIRST* beyond high school. Please provide examples.**

Since joining the WorBots, Kylie has worked alongside the team to improve presence within one of our schools. At four consecutive outreach events in ten days, she drove a robot and helped answer questions from over fifty students. As a member of our team, she participated in numerous events throughout the 2022 off-season, answering questions and fulfilling any role she could. When we were recruiting new students, she helped us connect with PLTW students, further building our presence in one of our schools. While she is still mapping out her future, she believes that *FIRST* will remain an integral part of her life as it has had a positive impact on her.

**Describe the student's technical expertise, using specific examples in the areas of programming, electronics, design, fabrication, making, illustrating how these skills have contributed to the team's success. Please provide examples.**

During her first year on the team, Kylie excelled within our training program — bringing technical knowledge developed through FLL and PLTW courses to her group. She worked on the development of the off-season robot, and strengthened her skills and precision as she was certified on tools. Her work with the 2022 off-season climber elevated our robot and its ability to score during matches, leading to it compete in elimination matches at our first off-season event — Curiosity. This year, she is a key member of our fabrication team — working primarily with the chassis. Kylie is continuing through the Project Lead the Way (PLTW) track this year as well as next, focusing on skill-development to apply to the WorBots.

**How does the student's individual contribution to the team benefit the team as a whole in the areas of fundraising, outreach, entrepreneurship, and creativity? Please provide examples.**

Kylie frequently works with outreach events such as shop tours, demonstrations, and science days. Last season, she provided a unique perspective as a newer member of the team — showing attending students the opportunities available even within one's first year on the team. At Thomas Worthington (TWHS), the school we partner with, she drives our demonstration robot — captivating the attention of attendees. She has also strengthened our relationship with the PLTW program at TWHS as she is well-known for her dedication to those classes, allowing us to sustain member retention from the school. At competitions, Kylie is known to be one of the most enthusiastic members of our team in the stands — creating cheers and dancing, energizing those around her to do the same.



**WorBots 4145**

*Cultivating a Culture of STEM in Worthington, Ohio*

**Explain the student's leadership to their fellow team members. How do they motivate others? What is their leadership style? Please provide examples.**

Kylie leads by example, making her leadership style effective. While building the rookie bot last season, she managed the group's organization and timeliness, working alongside her teammates as they navigated through difficult innovative challenges. She delegated while contributing greatly, making her instrumental to our success. Kylie never failed to accomplish what was needed at the moment. During rookie training this season, she helped guide the incoming students through the process she progressed through the year before and supported them as they moved through challenges. At competitions, not only does she cheer on the robot and encourage her teammates to do the same, but she and the members of the spirit team cheered on presenters before and after the Impact Award presentations.