Impact Submission Archive

The Impact Award is FIRST Robotics Competition's highest honor, recognizing teams that make a meaningful difference beyond the playing field. This archive documents YETI Robotics' Impact submissions over the years, reflecting our ongoing commitment to spreading STEM education, inspiring the next generation of innovators, and making a lasting impact in the Charlotte community.

- 2023-2024 Impact Submission
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2023-2024 Impact Submission

In the 2023–2024 season, YETI Robotics continued to expand its impact throughout the Charlotte community and beyond. The team dedicated over 3,000 hours to outreach across 40 events, inspiring thousands through STEM education and community engagement. YETI launched its newest initiative, RISE with YETI, providing an affordable gateway to STEM for students at Title I schools through a custom robotics and business curriculum. The team also continued after-school programs, summer camps, Girl Scout Robotics Merit Badge classes, senior cybersecurity workshops, and STEM advocacy efforts in Washington, D.C. On the competition side, YETI earned the FIRST Impact Award at the UNC Asheville District Event and advanced to the FIRST North Carolina District Championship, where they received the Regional FIRST Impact Award and qualified for the FIRST Championship.

Below you'll find all the materials submitted as part of YETI Robotics' 2023–2024 FIRST Impact Award submission, including our essay, executive summary, and supporting documents and videos.

2023-2024 Impact Essay/Executive Summary Questions

2023-2024 Impact Video

2022-2023 Impact Submission

In the 2022-2023 season, YETI Robotics continued rebuilding and expanding its impact throughout Charlotte and beyond following the pandemic. The team grew to a record 60 students while maintaining a welcoming, student-led culture with 68% minority and 28% female participation. YETI strengthened STEM education by mentoring and supporting FIRST teams, expanding its pipeline to 41 FIRST teams since its founding, and launching free robotics programs for underserved communities through organizations such as PROJECT 658, the Girl Scouts Hornets Nest Council, and Title I summer camps that reached over 200 students. The team also continued serving the community through initiatives like Roof Above, the Fill Em Up school supply drive, and the Tuckaseegee Recreation Center Bookbag Drive. Beyond North Carolina, YETI shared resources through Open Alliance, YETI Tips, Chief Delphi, GitHub, Discord, and international mentoring efforts in India, inspiring FIRST teams and students around the world.

The materials below showcase the work and impact that earned YETI Robotics recognition during the 2022–2023 season. You'll find our Chairman's Award essay, executive summary, and supporting documents, each highlighting the initiatives, partnerships, and achievements that defined our journey.

2022-2023 Impact Essay

2022-2023 Executive Summary Questions

2022-2023 Impact Video

2021-2022 Impact Submission

In the 2020–2021 season, YETI Robotics continued advancing its mission to break down cultural, economic, and gender barriers through STEM education. The team strengthened the FIRST community by starting 37 FIRST teams, mentoring 13, assisting 8, and investing more than $135,000 to support teams with registration, competition, and facility costs. YETI expanded outreach to underserved students through virtual STEM camps and after-school programs that inspired over 100 students and led to the creation of new FIRST teams, while its Girl Scouts Robotics Merit Badge program introduced more than 300 girls to engineering and computer science. Beyond Charlotte, YETI helped build sustainable STEM programs in rural India through PREPARE, supporting over 8,000 students across 20 schools. Through partnerships, mentorship, and a commitment to sustainable impact, YETI continued empowering students locally and around the world.

The materials below capture YETI Robotics' 2020–2021 Chairman's Award submission, including the Executive Summary, Chairman's Essay, and supporting materials. Together, they highlight the programs, partnerships, and initiatives that defined the team's impact during the season.

2021-2022 Impact Essay

2020-2021

In the 2020–2021 season, YETI Robotics continued advancing its mission to break down cultural, economic, and gender barriers through STEM education. The team strengthened the FIRST community by starting 37 FIRST teams, mentoring 13, assisting 8, and investing more than $135,000 to support teams with registration, competition, and facility costs. YETI expanded outreach to underserved students through virtual STEM camps and after-school programs that inspired over 100 students and led to the creation of new FIRST teams, while its Girl Scouts Robotics Merit Badge program introduced more than 300 girls to engineering and computer science. Beyond Charlotte, YETI helped build sustainable STEM programs in rural India through PREPARE, supporting over 8,000 students across 20 schools. Through partnerships, mentorship, and a commitment to sustainable impact, YETI continued empowering students locally and around the world.

The materials below capture YETI Robotics' 2020–2021 Chairman's Award submission, including the Executive Summary, Chairman's Essay, and supporting materials. Together, they highlight the programs, partnerships, and initiatives that defined the team's impact during the season.

2020-2021 Impact Essay

2019-2020 Impact Submission

In the 2019–2020 season, YETI Robotics continued advancing its mission to break down cultural, economic, and gender barriers through STEM education. The team dedicated 6,516 hours of service across close to 200 events, inspiring 70,194 people directly and reaching 7,000,000 people through media. YETI strengthened the FIRST community by sustaining a pipeline of 24 feeder teams (6 FTC, 12 FLL, and 6 Jr. FLL), mentoring FRC teams 6894 and 7815, and investing more than $100,000 to support teams with registration, competition food, rent, and event hosting. The team expanded outreach to underserved students locally through tactile and visual computer science instruction for ESL students, STEM summer camps and classes with Project 658, the Bag4Bag hygiene drive for homeless students at Governor’s Village STEM Academy, and partnering with Digi-Bridge to start an FRC team at Title I West Meck High School. Additionally, its regional Girl Scouts partnership introduced 200 girls to EV3 robotics to earn their Robotics badges while expanding its Pink Pipeline. Beyond Charlotte, YETI helped build sustainable STEM programs in rural India through PREPARE, providing over $60,000 in salaries and materials to support 2,810 students across 7 schools. Through partnerships, mentorship, and a commitment to sustainable impact, YETI continued empowering students locally and around the world.

The materials below capture YETI Robotics' 2019–2020 Chairman's Award submission, including the Executive Summary, Chairman's Essay, and supporting materials. Together, they highlight the programs, partnerships, and initiatives that defined the team's impact during the season.

2019 Chairman Award Impact Essay

2019 Chairman Award Video