

TRACK TO EXCELLENCE

Career & College Readiness Platform

tracktoexcellence.org

info@tracktoexcellence.org

Greenville, SC



Best Robotics Websites for High School Students

1. Carnegie Mellon Robotics Academy – Great for learning how robots work, programming, engineering, and exploring robotics careers. They also offer virtual robotics activities, so students can experiment without owning a robot. (Carnegie Mellon University)
2. RoboticsEd – Carnegie Mellon – Specifically designed to help middle and high school students understand robotics, STEM concepts, applications, and potential careers. No robotics background is required. (CMU Robotics)
3. FIRST Robotics – Excellent for students who want to actually build robots, program, compete, and work as a team while gaining real-world engineering experience. NASA highlights FIRST as one of the major national robotics competition programs. (NASA)
4. VEX Robotics – Students can explore robot design, coding, engineering challenges, and competitions; VEX also has high-school-level options and career-focused robotics education. (VEX Robotics)
5. CS-STEM Network – Offers interactive robotics lessons and virtual robots, allowing students to practice programming and complete challenges even if they don't have physical equipment. (CS-STEM Network)
6. NASA Robotics Alliance Project – A great way to connect robotics to space, engineering, innovation, and real-world applications, while also exploring robotics competitions and educational resources. (NASA)

★ These are the websites best for:

- Start Exploring: Carnegie Mellon RoboticsEd
- Build & Compete: FIRST Robotics
- Experiment & Code: CS-STEM Network