



COLLABORATE. CREATE. NOW COMPETE!

Students own a racing team. Like the professionals, their team is a business that thrives only when individuals excel in their jobs that range from engineering to 3D design to marketing and management. Their competitive car is one-tenth the size of a typical stock car, is driven by remote controls and is powered by electricity.



Prepare for competition with the Student Racing Challenge course, camp and club curriculum.

Registration & Materials

A non-consumable base or turnkey kit is required to compete in the Student Racing Challenge*. Every team begins with the same technology; however, students are encouraged to re-engineer the basic technology to maximize performance. The kit is reusable in years two and beyond so only a team registration is required to participate. Annual registration provides continued access to the updated curriculum, entry into the online points race, entry into all National STEM League events and either a replacement car or new print pack.

First annual NSL registration for one team is included with a 1-car Base kit, registration for two teams is included with a 2-car Base kit and three teams included with a 6-car Turnkey kit. If kits are purchased between August and March, registrations included are for the current academic year. They are applied to the following academic year if purchased April through the summer.

Competition Categories

Racing Challenge teams, like Rover Challenge teams, compete in the annual points-race via the Internet. At Open Invitationals, teams compete in head-to-head races and time trials. Typical Head-to-Head events are:

- Road course - Best Lap and Most Laps
- Oval superspeedway - Most Laps
- Drag strip

Like all NSL teams, Racing teams also enter in the following events.

- Data-Driven Design (ex. Aerodynamic Design, Renewable Energy Charging Stations, Robo RaCeCar)
- Enterprise - Team Presentations, Graphic Design, Business Plan & Elevator Pitch
- Community Leadership
- Energy Bonus

Contact us and download the Ten80 2015-16 Catalog for more information on implementation options.