



# Get Involved



Enhance the lives of youth and families in your community by getting involved in the Ten80 Student Racing Challenge: NASCAR STEM Initiative. Contact the Ten80 Foundation to talk about how.

Toll Free: 1-855-Ten80Ed (836-8033) • Email: [info@Ten80Education.com](mailto:info@Ten80Education.com)

## Business, Industry & Higher Education

- Become regional champion and take charge of major regional operations
- Sponsor a Region or Part of One
- In-kind donations (facilities, web or marketing services, technology, etc.)
- Organize regional and public events
- Educate public on how the program meets workforce development needs
- Involve employees as mentors, coaches and/or volunteers
- Offer internships

## Universities & Colleges

- Operate a Regional Ten80 STEM Center
- Fund-raise to support teams, training and events through grants & alumni
- Host summer camps and other events
- Train teachers and team coaches on STEM through motorsports
- Approve courses based on the Student Racing Challenge for college credit
- Recruit marketing and engineering students to help mentor/coach teams

## School Districts & Schools

- Form a new Ten80 Student Racing Challenge team
- Provide support for team travel to local, regional & national competitions
- Align program lessons to the standard course of study
- Provide space for team meetings and practice
- Host local competitions

## Parents, Professors, Teachers, Professionals

- Become a team coach
- Mentor student teams
- Volunteer for competitions, public events and summer camps
- Spread the word to help get others involved and schools to start teams

## Sponsorship Opportunities

- Region: \$10K - \$180K+ annually
- New Team: \$3,000 for materials and ~\$1000+ for local travel, misc.
- Returning Team: \$550 league entry and ~\$1000+ for local travel, misc
- Summer Camp: \$6,000 and up
- Professional Development Institute: \$15,000 and up
- National Finals Sponsor: \$2,000 - \$50,000 and up
- Regional Competition Sponsor: \$1,000 - \$15,000 and up

## What is The

### Ten80 Student Racing Challenge: NASCAR STEM Initiative?

The performance halls of math, science, engineering and technology (STEM) are factories, design houses and offices of the workplace. We cannot expect students to stroll onto these stages and perform at a professional level before ever having played the game. All professionals must practice their art, craft or sport to succeed. STEM professionals are no different.

It is a 'practice league' for future professionals. Students in grades 7-12 compete by optimizing performance of 1:10 scale RC cars ... just like NASCAR race teams.

### Why motorsports?

Because it is the only sport won or lost in real time by applying STEM. Drivers only have a chance to win because the whole team makes good decisions.

### What are Ten80 Regional STEM Centers?

The Ten80 Foundation is the sanctioning body for the Ten80 Student Racing Challenge: NASCAR STEM Initiative.

Regional Ten80 STEM Centers organize the local and regional league activity.

# In-Kind Donations & Services Student Teams

The top ways to leverage your professional or personal assets to help students prepare for their futures are listed here.

## Donate Public Relations & Media

1. Advertising space to teams and/or the STEM Center region.
2. Customized signs, decals, T-shirts, etc.
3. Radio, web or print space
4. Video or audio recording sessions and/or editing sessions
5. Web development or upkeep services
6. Graphic design services

## Facilities

1. Donate advertising space to teams and/or the region.
2. Sponsor field trips to your facility.  
Contact Ten80 about turn-key or planning field trip activities.
3. Donate tickets to facility events as prizes or incentives.
4. Invite student groups to fund-raise during facility events.
5. Donate facilities space for these events:
  - Summer Camps
  - After-school clubs
  - Community events
  - Professional Development
  - Student Racing Challenge local and regional races

## Donate RC Car Materials, Technology & Tools

1. Spare parts for the Student Racing Challenge car (1:10 scale, Sprint II, electric on-road car from H.P.I. Racing)
2. Batteries, 7.2 mAh (Ni-MH, NI-CD, 4800 mAh or less)
3. 1:10 scale car bodies, materials to make or modify car bodies and/or decal schemes (to fit Sprint II chassis)
4. Hand tools like wrench sets, soldering irons, etc.
5. Measurement tools like multimeters, calipers, etc.
6. Data collection systems or probes from EagleTree, Texas Instruments, PASCO or similar.
7. Integy or Huddy chassis setup boards

## Donate Manufacturing & Alternative Energy Technology

1. 3-D printers or other prototype technology
2. Vacuum molding technology
3. Metal fabrication tools
4. SolidWorks 3-D CAD training
5. Full SolidWorks 3-D CAD seats
6. Fabrication Raw Materials - metal, lexan, resin, Cellfoam88, etc.
7. Solar panels & Controller units (similar to BP SX330 J or Kyocera KC50T)
8. Wind turbines
9. Hobby fuel cells (Horizon system or similar)
10. Bio-fuel systems, plans

## Donate or Sponsor Travel & Hospitality

1. Chartered bus trips to local, regional and/or national competitions
2. Airplane tickets for national competitions
3. Hotel rooms for regional and/or national competitions
4. Food, drinks and other hospitality during events and travel

## Donate Mentor Time

Allocate your time or that of your co-workers or employees to help student groups and educators work on projects, grasp certain concepts and practice skills. Both students and teachers will benefit from help from experts or people with experience in technical subjects, math modeling, design, 3-D CAD, manufacturing, public relations, management, graphic design, web development, etc. Consider a long-term commitment through a memorandum of understanding (MOU).

## Sponsorship Opportunities

Please also consider donating cash sponsorship with your in-kind sponsorship as every team and region needs to pay for league membership, sanctioned materials, personnel and travel to fully participate in this practice league for future professionals.

- Region: \$10K - \$180K+ annually
- New Team: \$3,000 materials, ~\$1000+ misc.
- Returning Team: \$550 league entry and ~\$1000+ for local travel, misc
- Summer Camp: \$6,000 +
- Professional Development Institute: \$15,000 +
- National Finals Sponsor: \$2,000 - \$50,000 +
- Regional Competition Sponsor: \$1,000 - \$15,000 +



 **STEM Initiative**

Contact us to talk about how you can get involved in preparing your community's youth for a future in science, math & technology.

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# 40 Ways to Volunteer with Student Teams

All activities should be coordinated in partnership with team members. They are all learning experiences.

## Administrative Help

1. Organize paperwork - make a folder for each team member with appropriate slips, medical insurance/emergency info, release forms; duplicate when traveling
2. Make ID badges for team members
3. Maintain team manual with updates; this should be done with team members
4. Organize a telephone tree and e-mail list

## Events & Social

1. Organize local competitions by contacting teams, securing venue, setting rules, setting up, managing event and cleaning up
2. Acquire awards and help establish scholarships
3. Provide transportation
4. Be a track organizer, timer, event manager, public relations spokesperson for events
5. Help create a team check-list for events
6. Organize team social events like a basketball game, bowling night, museum visit, etc.
7. Plan an end-of-year team banquet
8. Organize a dinner and offer to host a visiting team who is at your local and/or regional competitions
9. Provide a meal for during or after team meetings.
10. Help with team spirit items such as signs

## Public Relations, Team Identity & Sponsorship

1. Help team member publish a team newsletter
2. Compile team "Wish List" for materials and services they would like to obtain
3. Solicit donations from small and large companies
4. Solicit in-kind donations. Know any companies that would donate food, safety gear, T-shirts, computers, etc.?
5. Write a grant proposal
6. Organize fundraisers
7. Design, print and mail team Thank You cards
8. Design team give-aways and T-shirts
9. Design and help make team banners, signs stationery and business cards
10. Write press releases
11. Contact local TV media to cover the team
12. Coordinate community service projects
13. Take pictures and video
14. Invite community and business leaders to your competitions and practices
15. Produce publicity videos and presentations for your team



## Mentor & Recruiting

1. Mentor with non-technical activities in your field of expertise/experience – Finance, PR, Events, Web, Project Management
2. Mentor in technical aspects if you have experience in problem solving, engineering, mathematics, scientific research, 3-D CAD, fabrication, machining, electrical systems, alternative energy systems, battery technology, aerodynamics, etc.
3. Staff table at 8th grade orientation meeting and explain program to parents
4. Organize an Open House for interested students and school administrators
5. Present at PTA meetings, other schools without teams and community gatherings

## Travel

1. Help with travel arrangements (bus, plane, food, activities)
2. Chaperone trips and meetings
3. Make and distribute travel itinerary with details on airport security, hotel info, meal options, drop off and pick up times
4. Create and laminate emergency card for team members who are traveling as well as for parents staying home
5. Create a hotel rooming list with a copy for each chaperone and each room
6. Provide packed breakfasts and lunches