

2025-26 CATALOG



TECHNOLOGY. TOOL USE. TEAMWORK. TENACITY!
WWW.TEN80EDUCATION.COM

2025-26 THEME

The 2025-26 Ten80 STEM Challenges theme is
S.O.S. = Students Operationalize Sustainability!

You've heard of **Sustainability**, but **Operationalize** may be new. To operationalize is to define abstract concepts so they can be observed, measured, and analyzed.

Ten80 teams are experts at innovation, and know how to collect data as evidence to refine their new ideas. To bring this theme to life, consider all kinds of ways that a team can make a positive impact on the environment and community. For example, by integrating a renewable power source, reducing waste, developing lighter components that require less energy, repairing and repurposing instead of buying new, and more.

How will you answer the S.O.S. Challenge? What will your teams design, test, measure, conclude, and share as a Data-Driven Design Project that relates to **Sustainability**?

Catalog Version 20250909

TEN80 CATALOG CONTENTS

About Ten80

Get Started with Ten80

Custom Events and Programs

Classes, Clubs, and Camps Overview

Ten80 STEM Challenges (Curriculum, Kits, Competition)

- Overview
- Racing Challenge
- AV/EV Challenge
- Energy Challenges
- NEW: The Fast & The Curious (AI + STEM Tech Challenge)

Pricing / Optional Order Forms



STEMWORKS
CERTIFIED
READY-TO-SCALE

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ABOUT TEN80 EDUCATION

Ten80's first engineer-educator teams formed in the late 1990's to champion Project-Based Learning that Doesn't Forget the Learning. Today Ten80 is a leader in STEM Education and a champion of careers in the Trades, named Exemplary and Scalable by Change the Equation & STEMWorks.

Ten80 Education™ produces and delivers:

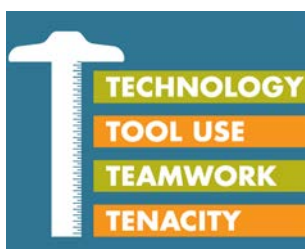
1. Kits & Curricula = CLUB, CLASS or CAMP formats
2. Ten80 Challenge Competitions that motivate students and reinforce the habits of mind, as well as concepts and skills cultivated through the curriculum.
3. Professional Development
4. Custom Event & Program Production to teach skills and inspire career awareness while promoting meaningful community engagement for partner businesses, associations, and organizations.

Our Mission

Today's students are the most computer-savvy of any generation before them. In front of a screen, they frequently know more than the adults in the room. But this comes at a price: they spend too little time exposed to hands-on learning, collaborating in person with peers, or solving problems when they encounter obstacles.

At Ten80, we know the power and promise of technology. But we believe there must be a balance, in order to prepare young people for jobs and for daily living. This is why Ten80 builds every educational engagement using the Ten80 T-Square model: Tech, Tool Use, Teamwork, and Tenacity.

Together with educators and forward-thinking partners, we are investing in our future workforce and community members.



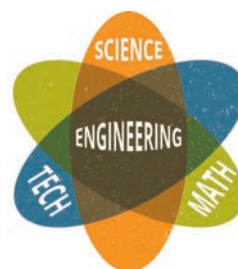
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STEMWORKS
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Ten80 = 1,080 = 3 × 360

Ten80 represents a stronger society through the promise of STEM Education for all. Ten80's logo is a Venn diagram. A Venn diagram uses closed curves to represent complex, interdependent relationships among sets. Each closed curve is 360 degrees.



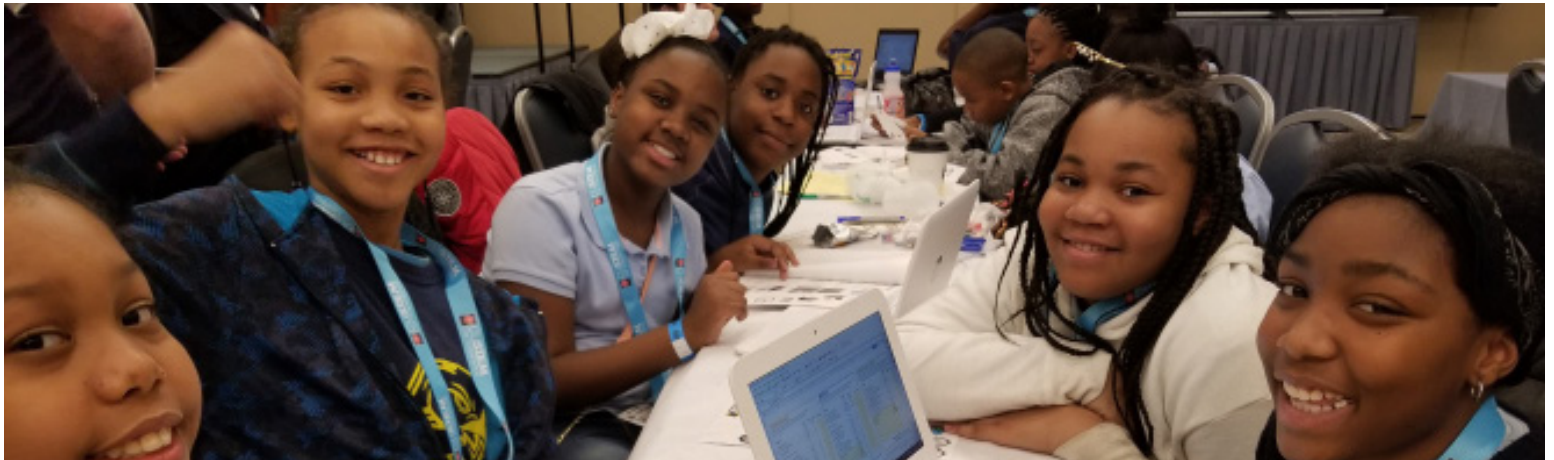
Ten80's Innovation Framework

Elementary and secondary programs are based on a framework of innovation. Innovation is a process that purposefully combines these four elements: (1) the engineering process that requires (2) specific content knowledge and skills, the (3) enterprise process which is essentially prototyping a business and (4) leadership principles that are necessary to turn truly innovative ideas into reality.





CUSTOM EVENTS & PROGRAMS



Ten80 draws on decades of experience in industry and education to produce custom events and programs with school districts, education cooperatives, community-based organizations, partner businesses, and industry associations. All engagements are designed to help promote essential skills while facilitating meaningful community engagement.

What kinds of services are available? Ten80's team can help meet goals related to professional development, workforce development, community relations, employee team building, brand recognition, and visibility.

See Case Studies for these and other Ten80 Partners at ten80education.com/custom-programs

- NASCAR
- U.S. Army
- Society of Manufacturing Engineers (SME)
- National Society of Black Engineers (NSBE)
- Specialty Equipment Marketing Assoc. (SEMA)
- America Makes
- Bank of America
- Regeneron

- ☐ **Inspiring Professional Development**
Empower Educators.
- ☐ **STEM Fairs**
Encourage families to explore STEM/STEAM
- ☐ **Hands-On Career Days**
Highlight pathways to growing careers
- ☐ **Creative Volunteer Events**
Engage businesses in supporting your students, school, or program
- ☐ **One-Day Challenges**
Engage students in STEM content or trades skills through an exciting 1-day experience

Let our experience grow your ideas into real events that make a lasting impact!

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TEN80 EDUCATION | CLASSES, CLUBS & CAMPS

PROJECT-BASED LEARNING THAT DOESN'T FORGET THE LEARNING

The Goal

Learn to work with others and to apply the appropriate tools to solve complex, real-world problems, and to think and communicate effectively in a world where interdisciplinary knowledge and literacy are increasingly critical.

The Lasting Impacts

Students ...

- ☑ See themselves in STEM
- ☑ Learn to systematically solve problems
- ☑ Practice 21st Century Skills that matter at work and in life, including teamwork, leadership, communication, critical and creative thinking
- ☑ Discover careers they may not otherwise consider
- ☑ Keep a full toolbox, metaphorically and literally

Kit, Curriculum, and Support

Included:

- ☑ Standards-based activities
- ☑ Student-facing digital and print curriculum
- ☑ Non-consumable technology and tools
- ☑ Training and ongoing support, in-person and web-based

Class, Club, Camp Formats

From 2 hours to 20-week projects

- ☑ STEM clubs
- ☑ Intro to Engineering and STEM classes
- ☑ CTE (Career-Technical Education) courses
- ☑ Summer camps
- ☑ STEM Festivals and STEM Saturdays

Competition Optional, but Encouraged



Racing Challenge

The base technology is a 1:10 electric RC car that comes ready-to-run so initial engagement is learning how systems operate and how to collect, organize and use data to make design decisions.

Students ultimately rebuild the car with improved parts, honing in on an ideal system for racing success.



Autonomous Electric Vehicle Challenge

Integrate electrical, mechanical and computer systems, the three systems at the core of every robot, to meet a series of challenges that parallel AV operations on streets and in remote areas of land, sea and space.



Energy Challenges

Ten80, Pitsco Education, and others have launched the SunPowered Student Challenge.

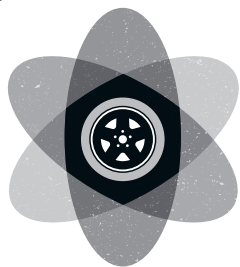
Ten80 and Brookfield Renewables U.S. have partnered in a new competition featuring hydro, wind, and solar energy.



AI + STEM Challenge

Artificial Intelligence (AI) is here! Join us in helping teach AI as a tool to enhance and empower human thinking and creativity, not replace it!

Students build an RC car and harness the power of AI to shape their very own racing team.



TEN80 STUDENT RACING CHALLENGE

The Storyline & Challenge

Students own a motorsports business and their ultimate goal is to engineer performance. This includes personal performance, team performance and of course, race performance. Students apply core physics concepts, math modeling and the appropriate technology to engineer solutions to problems that parallel those encountered by professional teams.

Technology

The base technology is a fully operational 1:10 scale electric radio-controlled (RC) car that can be setup in over 14 million ways before re-engineering a single part. Optional technology for specialization projects includes 3D-CAD, rapid prototyping tools, physical computing with microprocessors and sensors. SolidWorks 3D CAD software is free to Ten80 students.

Standards

The Ten80 Racing Challenge curriculum is aligned to the Common Core State Standards for Mathematics and English Language Arts, Next Generation Science Standards (NGSS) and Engineering Educators Association (ITEEA) Standards for Technological Literacy.

Get Involved

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Curriculum Overview

The Ten80 Racing Challenge car arrives fully operational. Through the initial **Race Engineering Units** students reverse engineer the electromechanical systems, following Good Investigation Practices (GIP). The Problem-Solving unit introduces the power of math modeling in making data-driven decisions. Those lessons learned are applied to optimize the car's performance, and ultimately to redesign the car.

Specialization Projects Include:

- Enterprise & Innovation units motivate students to manage their time and resources, to market themselves, and to develop 21st Century Skills like leadership that are required to turn ideas into realities.
- Aerodynamic Design using 3-D CAD
- Renewable Energy Charging Station (additional materials required)

SolidWorks®, a 3D CAD program, is FREE to all Ten80 students.

Focus lessons dive into key physics and math concepts.

Competition Overview (Optional)

Ten80 Racing Challenge teams can compete in locally-run competitions, are invited to compete in Face-to-Face (F2F) Competitions hosted by Ten80, and (optional add-on) in the online Points Race. Teams that lead in the Points Race leaders and place at F2F competitions are invited to the Ten80 Nationals hosted each April.

Option to Collaborate
& Compete



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1. CURRICULUM: CHOOSE GRADE LEVEL & FORMAT

All curriculum licenses provide curriculum access as outlined below, **web training** with a live Ten80 team member, access to **web meetings** with other teachers, and entry into Ten80 **competitions** (see the following section).

Racing Challenge-Elementary

3-6 Week Project or Club

It is recommended students work in teams of three to four. Educators use a hyperlinked agenda to navigate electronic and print resources required to guide students through each activity. Every student records ideas and findings in their own printed engineering logbook.

Camp

This camp-specific curriculum is organized into a 5-day format with 25-40 contact hours. Camp leaders use a hyperlinked agenda to navigate electronic and print resources, with minimal preparation time required. Camp licenses provide only educator logins, and do not include any team registrations.

Racing Challenge-Secondary

Class

Click-through lessons direct students' physical activity and analysis. Educators assess students with a mix of embedded online quizzes and rubric-based evaluation of documentation, results and physical products. Class version includes one license and login per student, and the number of teams included depends on the class size. Choose Middle or High school.

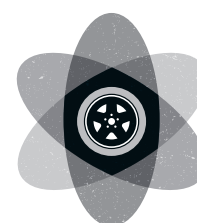
	Size	Educator Logins	# Student Logins	Team Registrations Included
Secondary: Middle or High School	Home	2	5	1
	Small	2	10	1
	Medium	2	15	2
	Full	2	25	3

Club

Teams access the online curriculum through a shared TEAM license and login (one per registered team). Because it is a shared login, individual assessments are not included. The modular curriculum allows students to select a role or subset of team responsibilities to specialize in at any time.

Camp

This camp-specific curriculum is organized into a 5-day format with 25-40 contact hours. Camp leaders use a hyperlinked agenda to navigate electronic and print resources, with minimal preparation time required. Camp version provides only educator logins, and do not include any team registrations.



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**RACING
CHALLENGE**

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2. KITS: CHOOSE THE TYPE AND QUANTITY

New programs and teams are required to purchase materials kits from Ten80 in their startup year. See the catalog order forms for additional details. If replacement or expansion materials are required, returning programs and teams are not required to purchase them from Ten80.

Racing Challenge

Team sizes are not dictated by Ten80. For a very hands-on experience, three to four students share a kit. Up to ten or more students can share a kit if specializing into different roles. In addition to drivers and mechanical specialists, team roles can include team/project manager, graphic design, fabrication, marketing, engineering R&D, community outreach, etc.

All kits provide student access to the SolidWorks® Student Edition and web consultation to help organize your program.

AFT (A Few Things) Race Kit

Kit includes basic materials for racing and most race engineering investigations. You provide additional tools (ex. screwdriver, hex keys, etc.)

- 1 x Competition RC car (1:10 scale)
- 2 x Rechargeable car batteries with 1 smart battery charger
- 1 x Alternate tires and gear
- 1 x Tire wrench and multimeter

ST (Some Things) Race Kit

AFT Kit PLUS tools and additional engineering and branding materials

- 1 x AFT Kit
- 1 x Basic toolkit
- 1 x Additional gear set
- 1 x Clear car body
- 1 x Camber gauge
- spare pins and clips

E (Everything) Race Kit

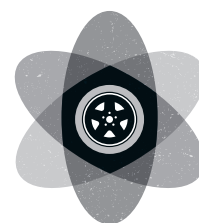
ST Kit PLUS all additional materials and tools used in the curriculum

- 1 x ST Kit
- 1 x Soldering kit
- 1 x Caliper and Digital weigh scale
- Additional spare parts (motor, servo, suspension link)
- 1 x 1:18 scale RC car for practice and additional curriculum lessons

2-Car Camp Race Kit

Two ST Kits PLUS all additional materials and tools used in the curriculum

- 2 x ST Kits
- 2 x spare batteries
- Soldering kit, digital calipers and weigh scale
- Spare parts
- 1 x 1:18 scale RC car for practice and additional curriculum lessons



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Additional Materials & Tech

- Replacement Cars (Sets of 2)
- Power Pack (2 x 7.2V RC car batteries + Smart Charger)
- Clear Car Body
- Focus Lesson Kit: Includes materials for Circuits (3 sets) and Make-a-Motor (3 sets) focus lessons in the RACE Club & Class curriculum
- Spare Parts Pack for one car
- Hop-Up kit for one car: All Aluminum Upgrade
- Chassis Geometry Setup System
- DIY Data Acquisition System
- Spare/Replacement ESC

Ten80 Race Rails

The Ten80 Race Rail System is a professional quality, lightweight RC competition track that is both portable and durable. Though Ten80 teams can use tape or PVC piping to make tracks, this system is a great option for organizations that hope to host local or regional Ten80 competitions at one location or at rotating venues.

The Ten80 Race Rail System allows you to create your own race course using modular race rails and domes.

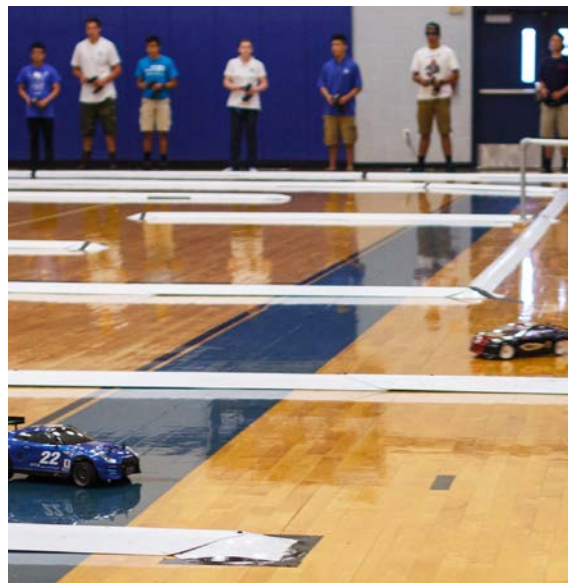
- Each rail is 6 linear feet.
- Create 10 linear feet by connecting two rails (overlap is 1 ft.).
- Create 12 linear feet by connecting two rails.
- Create corners and intersections by connecting rails.
- Create a barrier wall by doubling up rails as shown to the right.

Most Racing Challenge tracks can be built with a medium system. Some smaller racetracks, and dragstrips can be built with a small system. The large system allows you to create any track and double up rails to create jump barriers.

- Race Rail system, starter set (20 rails, fasteners)
- Race Rail system, small (50 rails, fasteners)
- Race Rail system, medium (100 rails, fasteners)
- Race Rail system, large (150 rails, fasteners)
- Spare fasteners

Race Transponder System

Ever seen a Ten80 Racing Challenge event in action? Remember that cool timing system? This is the one! The system includes the connections for your computer, the bridge sensors, ten transponders for up to ten cars and all the necessary cords. It also provides Ten80's internal instruction manual on how to build the bridge and run a race using this system. You provide bridge materials.



Above: Ten80 Race Rail System
Below: Transponder System

40 Minute Race		Lap	Lap Time	Median	Best Lap
1	PME_2	97	8.29	8.88	7.77
10	Lawrence	92	8.12	8.66	8.02
8	EC_Starz	76	10.26	9.25	8.23
7	Die_Kart	67	8.11	8.28	7.39
5	Terra_2	67	12.60	12.10	9.00
9	Ole	65	10.99	12.36	9.48
4	Newtonic	58	10.87	10.96	8.71
3	Burn_Out	50	9.98	10.87	8.84
12	RC_Cubs	48	11.02	14.16	9.83
2	Stars_n_S	30	17.50	13.07	8.09
6	Beast	24	9.81	13.93	6.18
13	Rough_Ridrs	14	10.90	14.72	9.69
11	Venom	4	15.36	10.86	7.91
14					



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3. COMPETITIONS: COLLABORATE, CREATE, COMPETE

Ten80 teams can collaborate and compete in 1-2 day Face-to-Face (F2F) Competitions and in an online Points Race that runs from October to May each year.

Online Points Race (Optional)

No Travel Required! Student teams use an online dashboard to get feedback from remote STEM mentors and to earn points. Points categories are aligned to the Ten80 STEM Challenges curriculum so educators can use the site to stay up to date on student work.

Points Race entries are submitted between October 1st and the first week in May. A leader board celebrates team achievements and points leaders are invited to the Ten80 Nationals throughout the season. The ultimate Points Race winners are honored with custom-designed trophies shipped to their school or meeting place.

An additional fee is required. See the order form for details.

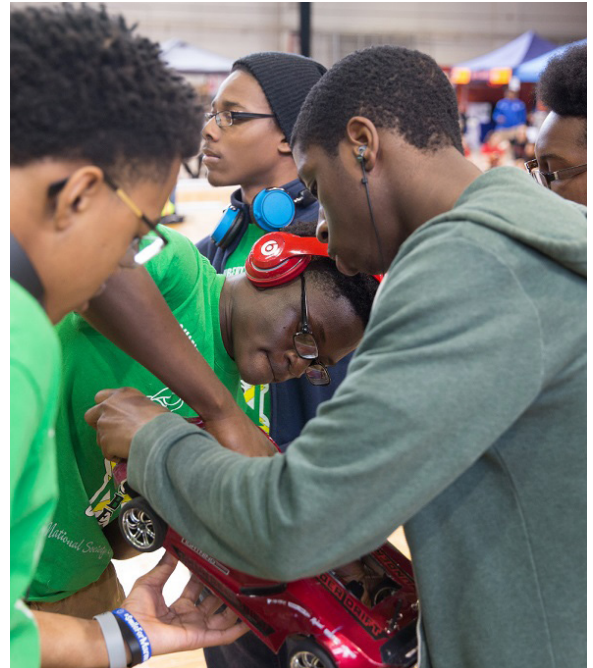


Face-to-Face (F2F) Competitions (Optional)

Whether in-person or remote, Face-to-Face (F2F) events combine the excitement of head-to-head competition with the innovative energy of a STEM Fair.

All registered Ten80 teams can compete in **locally-organized events** and in **Ten80 Regional competitions** organized by the Ten80 Education.

Teams earn invitations to the **Ten80 STEM Challenge Nationals** by leading in the online Ten80 Points Race or placing in sanctioned Ten80 Challenge events. The Ten80 Nationals event is hosted in April each year. Location varies (Past locations have include Miami, Charlotte Motor Speedway, Texas A&M).

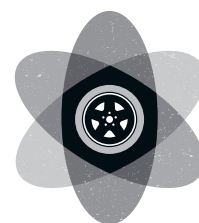


Race Competition Categories

F2F categories include:

- Head-to-Head Races: Oval & Roadcourses
- Collaboration Races & Pit Stop Challenge
- Dragster design
- Data-Driven Design Project
- Enterprise
 - Project Planning
 - Pitches & Presentations
 - Graphic Design, Team Identity and Vehicle Design

Online Points Race categories include the above and more. Teams also earn points for media exposure, and specialization projects such as aerodynamic and 3D CAD designs.



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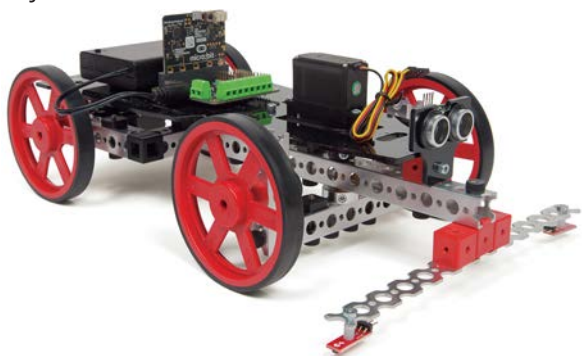
TEN80 AV/EV CHALLENGE

The Storyline & Challenge

Students assemble, wire, and program autonomous electric vehicles to complete a series of challenges that mirror those of partially and fully-automated cars on our roads today. Beyond STEM skills, students practice 21st century competencies such as research, collaboration, and effective communication.

Technology

The AV / EV is a 1/10th scale chassis that students assemble from Tetrax® Prime components, then automate by installing and programming electronics, sensors and a micro:bit. The micro:bit is a Microsoft microcontroller that can be easily programmed in Makecode from any device with a web browser. Beginners can start with drag-and-drop block programming. Advanced users can program it using the Python or Java text editors.



Curriculum Overview

Each AV/EV kit comes with a full set of materials, teacher's guide, and student guide. Curriculum includes:

- Web training and support
- Introduction to AV / EV technology in today's society, and as a driving force of innovation
- "GIP": Good Investigation Practices
- Mechanical assembly instructions and electrical wiring guides
- Lessons and challenges:
 - Hello world (introduction to micro:bit)
 - Remote control (communications)
 - Distance and Speed
 - Direction (and serial data)
 - Obstacle avoidance
 - Stay in your lane (lane departure assist)
 - Navigate the Neighborhood
- Enterprise & Innovation units motivate students to manage their time and resources, to market themselves and their ideas, and be effective team members and leaders.

Competition Overview (Optional)

Ten80 AV Challenge teams can compete in locally-run competitions, are invited to compete in Face-to-Face (F2F) Competitions hosted by Ten80, and (optional add-on) in the online Points Race. Teams that lead in the Points Race leaders and place at F2F competitions are invited to the Ten80 Nationals hosted each April.

Get Involved

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Option to Collaborate
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AV/EV COMPETITIONS: COLLABORATE, CREATE, COMPETE

Ten80 teams can collaborate and compete in 1-2 day Face-to-Face (F2F) Competitions and in an online Points Race that runs from October to May each year.

Online Points Race (Optional)

No Travel Required! Student teams use an online dashboard to get feedback from remote STEM mentors and to earn points. Points categories are aligned to the Ten80 STEM Challenges curriculum so educators can use the site to stay up to date on student work.

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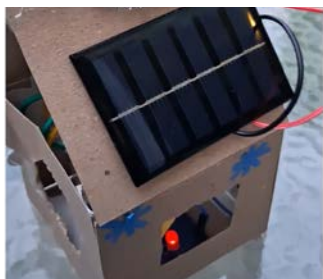
AV/EV Competition Categories

F2F categories include:

- Road-Ready Challenges:
 - Drive the Distance
 - Direction
 - Obstacle Avoidance
 - Stay-in-Your-Lane
 - Parallel Parking
- Data-Driven Design Project
- Enterprise
 - Project Planning
 - Pitches & Presentations
 - Graphic Design, Team Identity and Vehicle Design

Online Points Race categories include F2F categories and more. For example, teams earn points for user interface design, for media exposure and specialization projects like 3D CAD designs.





ELEMENTARY: POWER PLAY

Everything around us requires energy, including our own bodies. In this one-week camp or 12 to 30-hour project, students explore types of energy, how energy changes form, and how energy gets produced and transmitted.

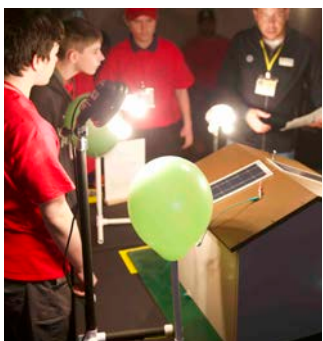


TEN80 ENERGY CHALLENGE POWERED BY BROOKFIELD RENEWABLE U.S.

Ten80 and Brookfield Renewables U.S. have teamed-up to help today's students prepare for tomorrow's energy industry. In this 12 - 30 hour project and optional competition, students build and test renewable energy models (hydro, wind, and solar), gathering and using generation data under a range of conditions.

Students work in teams to research renewable energy sources then prepare and deliver a presentation advocating for community-level projects in their own region.

Contact us to learn more and to request the program at your school.



SUNPOWERED STUDENT CHALLENGE

Ten80 has partnered with Pitsco Education, Future STEAM, and the Kansas Electric Cooperatives in a solar energy competition for high school students. More than just wiring solar panels, the SunPowered Student Challenge was developed to address a need for a more-informed public around the issues of solar energy generation, distribution, and consumption in today's interconnected energy systems.

Ten80 is hosting competitions in Kansas and Texas. Contact our team for more information about KS and TX competitions, or to bring the SPSC to your school, club, or state!

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THE FAST & THE CURIOUS

AI + STEM + PLAY

Human-Powered AI

Introduce school students to the power of artificial intelligence—not as a shortcut, but as a tool to spark creativity aid problem-solving, and enhance productivity.

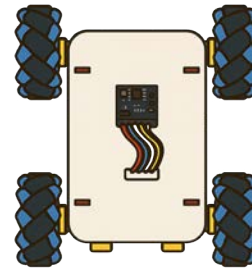
Through hands-on projects, students learn to see AI as part of an “engineering design cycle,” where multiple attempts and refinements lead to stronger results. By engaging with tools like ChatGPT, Gemini, and other large language models, they discover how technology can support their ideas rather than replace them, building confidence in both their own technical and creative abilities.

Drive. Design. Discover.

Through Ten80's 12 to 30 contact-hour project, students learn by launching their own RC racing team. They assemble and customize cars, code with micro:bits, and design everything from team brands and billboards to race tracks. Using AI, they also tackle real-world challenges—such as planning the most efficient delivery route in a logistics challenge. The result is a perfect blend of play, creativity, and technology that equips students with 21st century skills and shows them how to harness AI as a partner in innovation.



Start with your own ideas and use AI to level-up.

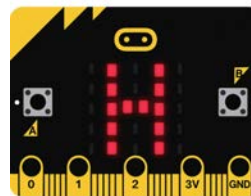


Use hand tools to assemble an RC car.

Here's a simple JavaScript code snippet for the Microsoft micro:bit that will scroll the message "Hello World" across the LED display. You can upload this code through the MakeCode editor.

```
<> javascript  
  
basic.showString("Hello World")
```

[Copy Code](#)



Use AI to generate code. Then debug or rewrite the code to make it work.

Ten80 Education - Pricing & Optional Order Form

This form is just one way to order. Order online with a credit card at Ten80Education.com or submit a PO.
Order Email: info@ten80education.com Fax: (855) 836 3632 Toll Free Phone: 1-855-836-8033

Your Information

Name: _____

Shipping Address: _____

School/Org: _____

Phone: _____

Billing Address (if different): _____

Email: _____

Payment Method (Check one): ☐ Check Enclosed ☐ Credit Card (send payment link) ☐ Will submit PO

By submitting this form, you are purchasing the following items with payment to be made by the method indicated. Please keep a copy for your records and send a signed copy with your PO or payment via email, regular mail or fax.

ACCEPTED AND AGREED BY: Signature: _____ Date: _____

How to Use this Form

1. On the following pages, enter the quantity of each item and the total owed for each program.

2. Enter the total owed for each program in this table.

3. Add it all together and enter the total order below.

4. Submit all marked-up pages by fax or email.

5. Ten80's team will create a quote based on the information from this form, including shipping & handling that is not included in this form. Once approved Ten80 will assist you in completing the order.

Ten80 STEM Challenges	Total \$
Racing Challenge	
Autonomous Electric Vehicle (AV/EV) Challenge	
Competition Kits	
Total Order	
NOT including S&H	

Shipping & Handling will be included on an estimate Ten80's team will provide to you.

Ten80 Energy Challenges and The Fast & The Curious (AI + STEM + PLAY)

Email us at info@ten80education.com for more information and pricing.

Ten80 Racing Challenge

See the catalog section on Ten80 Racing Challenge for more information on these decisions and options.

1. Racing CURRICULUM (Which version? How many?)

	Racing Site License Type	Up to # Students	Includes # Teams	\$ Each	Catalog #	Quantity	Total \$
CLASS Site License It is suggested that you round up the estimated number of students to allow for fluctuation in class sizes throughout the year. If necessary, add students @ \$25 / student.	HOME Middle School CLASS	5	1	\$625	RACE-71		
	SMALL Middle School CLASS	10	1	\$750	RACE-72		
	MEDIUM Middle School CLASS	15	2	\$875	RACE-74		
	FULL Middle School CLASS	25	3	\$1,125	RACE-76		
	Additional Middle School Student	1	0	\$25	RACE-75		
	Additional MS CLASS Team	0	1	\$225	RACE-73		
	HOME High School CLASS	5	1	\$625	RACE-61		
	SMALL High School CLASS	10	1	\$750	RACE-62		
	MEDIUM High School CLASS	15	2	\$875	RACE-64		
	FULL High School CLASS	25	3	\$1,125	RACE-66		
	Additional High School Student	1	0	\$25	RACE-65		
	Additional HS CLASS Team	0	1	\$225	RACE-63		
CLUB Site License	1st Elementary CLUB Team at a Site	no limit	1	\$400	ELEM-55		
	Additional Elementary CLUB Team at a Site	no limit	1	\$225	ELEM-52		
	1st Secondary CLUB Team at a Site	no limit	1	\$400	RACE-55		
	Additional Secondary CLUB Team at a Site	no limit	1	\$225	RACE-52		
CAMP Site License	CAMP license	30	0	\$400	RACE-20		
	Additional students in a CAMP	1	0	\$15 ea.	RACE-21		
	Additional CAMP at a site	30	0	\$200	RACE-22		
Total Curriculum							

2. Racing KITS (Which version? How many?)

Kit	\$ Each	Catalog #	Quantity	Total \$
AFT Kit (A Few Things)	\$429	RACE-AFT		
ST Kit (Some Things)	\$549	RACE-ST		
E Kit (Everything)	\$729	RACE-E		
2-Station CAMP Kit - includes 2 team kits + spares	\$1,290	RACE-CAMP		
Focus Lesson Set: Circuits & Make-a-Motor x 3 sets each	\$179	FCS-033		
Total Kits				

3. Optional Points Race Competition

Teams	\$ Each	Catalog #	Quantity	Total \$
Online Points Race for 1st Team at a Site	\$300	RACE-95		
Online Points Race for Additional Teams	\$200	RACE-96		
Total Competition				

Ten80 RACING Challenge (continued)

Additional Materials & Technology	Catalog #	\$ Each	Quantity	Total \$
Replacement SRC-001 Cars: Set of two (2), each w/ 1800 mAh battery & transmitter	RACE-001-02	\$419		
Energy Pack (2 batteries)	RACE-06	\$89		
Power Pack (Battery Bundle + Smart Charger)	RACE-26	\$130		
Wheel Pack (2 sets of replacement wheels)	RACE-07	\$98		
Clear 1:10 Scale Car Body	RACE-09	\$35		
Spare Parts Pack for one car	RACE-008	\$198		
Gear Set (1 spur & 2 pinion)	RACE-005	\$39		
Hop-Up kit for one car: All Aluminum Upgrade	RACE-003A	\$249		
Chassis Geometry Setup System	RACE-15	\$189		
Total Additional Tech				

Competition Kits: Race Rails & Transponder Systems

Competition Kits	Catalog #	\$ Each	Quantity	Total \$
Transponder System for up to 10 cars	RGN-01	\$1,250		
Race Rail system, small (50 rails, fasteners)	RGN-02	\$1,295		
Race Rail system, medium (100 rails, fasteners)	RGN-03	\$1,995		
Race Rail system, large (150 rails, fasteners)	RGN-04	\$2,995		
Race Rail system, starter set (20 rails, fasteners)	RGN-05	\$495		
Fasteners, set of 110	RGN-12	\$50		
TOTAL COMPETITION KIT ORDER before S&H				

Autonomous Electric Vehicle (AV/EV) Challenge

See the catalog section on AV/EV for more information on these decisions and options.

1. AV / EV Kits, Curriculum, and Competitions

Item	\$ Each	Catalog #	Quantity	Total \$
Complete AV/EV Kit Includes everything required to assemble and automate the vehicle including chassis build kit (TETRIX® PRIME components), sensors, wires, two micro:bits, expansion driver board, hardware	\$395	AV-010		
CLUB / PROJECT Curriculum • First-use web training with a real live Ten80 team member • Access to monthly web meetings with other teachers • 10 EV/AV Units • Enterprise lessons including project management and brand development • Opportunity to enter live competitions that combine the excitement of head-to-head competition with the innovative energy of a STEM Fair.	\$400 for 1st team	AV-85		
	\$225 for additional teams	AV-86		
Online Points Race for 1st Team at a Site	\$300	AV-95		
Online Points Race for Additional Teams	\$200	AV-96		
Total				

Ten80 Energy Challenges and The Fast & The Curious (AI + STEM + PLAY)

Email us at info@ten80education for more information and pricing.