

TEN80 STEM CAMPS



STOP SUMMER LEARNING LOSS AND INSPIRE ALL STUDENTS TO ENGAGE IN STEM LEARNING

GRADES 3-5

- Ten80 J.R. STEM
- Elementary Race Engineering
- Energy
- AI + STEM Tech

GRADES 5-8:

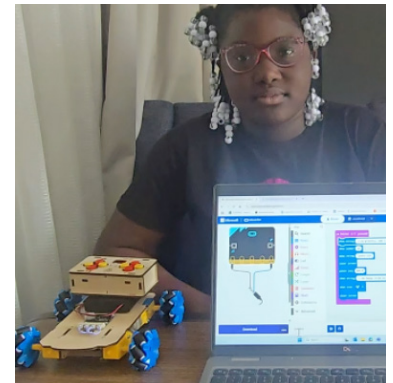
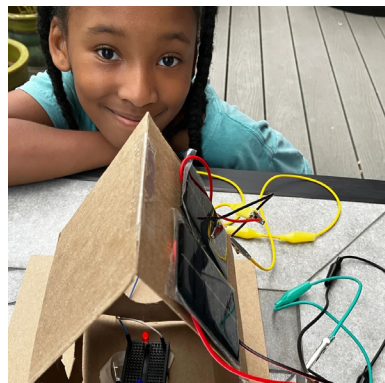
- Ten80 J.R. STEM
- Race Engineering & Enterprise
- The 21st Century Car (Autonomous Electric Vehicles)
- Cars & Chemistry
- Energy
- AI + STEM Tech

GRADES 9-12:

- Race Engineering & Enterprise
- The 21st Century Car (AV/EV)
- Energy
- AI + STEM Tech

FEATURES OF ALL TEN80 STEM CAMPS:

- Designed for minimal training and prep time
- Hands-on, team-oriented challenges
- Emphasis on creativity and leadership helps attract a broader range of students to STEM
- Facilitator training and support
- Fully customizable programs which can reinforce science and math concepts
- Ideal for recruiting students into STEM schools and programs, or to highlight trades careers and skills



CONTACT US TODAY TO PLAN YOUR SUMMER STEM EXPERIENCE

Toll free 855-836-8033 x1 | info@Ten80Education.com | Ten80Education.com

TEN80 STEM INNOVATION CAMPS

TEN80 J.R. STEM CAMP

Why J.R.? Because it is STEM (also STEAM) that is not too hard, not too soft, but is Juuuuust Right! Inspired by Ten80's events with SEMA Education, and the many thousands of students and teachers who raved about it being the "best field trip ever!"

RACE ENGINEERING & ENTERPRISE

Work in teams as entrepreneurs, technicians, and drivers to create a motorsports team that uses Good Investigate Practices - which emphasize the collection, analysis, and use of data - to optimize performance of their electric RC car.

Elementary and **Secondary** versions available.

THE 21ST CENTURY CAR

(Autonomous Electric Vehicles)

By 2030, more than 50% of all cars sold in the US will be electric. And autonomous vehicles are already here! All new cars use sensors to assist drivers and improve safety. Explore electrification and **robotics** by assembling a vehicle with code and micro:bits to meet a series of challenges that parallel AV operations on our streets and highways.

ENERGY

As energy demands increase all around us, the need for power problem-solvers grows. Understanding electrical circuits, sources of energy, energy systems, and energy storage through hands-on activities helps prepare the next gen workforce.

AI + STEM TECH

The newest tool in the toolbox is AI. Let Ten80's projects introduce its power and limitations without leaving behind the hands-on tech that keeps creativity and tenacity as a fundamental practice.

