



# UNIQUE

ONE ORGANIZATION IS HELPING  
TODAY'S YOUTH ROCKET TO SUCCESS.

URBAN  YOUTH

STEM-Based Curriculum Programs

RACING SCHOOL    NAVAL ENGINE PROGRAM

RPV PROGRAM    E-MENTOR PROGRAM



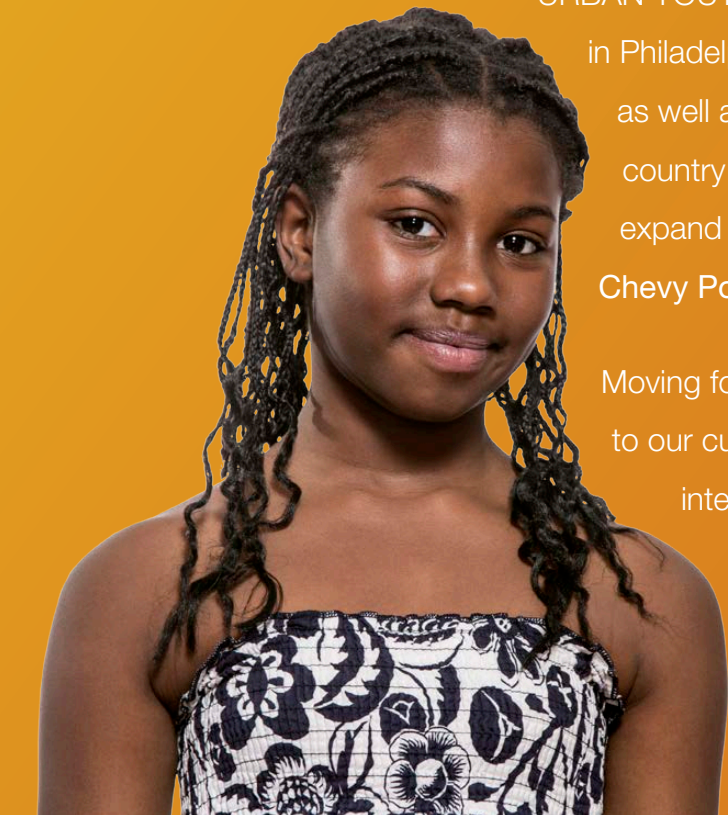
# URBAN YOUTH

**IT'S TIME FOR AMERICA TO CATCH UP. AND WIN.**

We are at a critical stage in the history of the United States. Our education system is failing. Our students – particularly minority students – are not pursuing careers in science, technology, engineering and mathematics (STEM) fields. We are losing the race in the global marketplace. Here to answer the call is **URBAN YOUTH**. Our STEM-based curriculum programs give urban students access to high-quality education and to the opportunities that achieving in these areas will afford.

URBAN YOUTH was born out of the highly successful Urban Youth Racing School, established in Philadelphia in 1998 by Anthony Martin. With a 18-year track record of success behind us, as well as national recognition, we look forward to reversing the plight of urban youth in this country by creating opportunities, igniting careers and transforming lives. With plans to expand to five cities in the coming years and incentive programs like the Urban Youth Chevy Points Championship, we see an exciting road ahead.

Moving forward Urban Youth is now using augmented and virtual reality as an extension to our curriculums to provide students and teachers around the globe with a new interactive way to learn.



# UNBEATABLE



**RACE TOWARD A BRIGHTER FUTURE.**

The **URBAN YOUTH RACING SCHOOL** offers an exhilarating **10-week program** for urban students **ages 8-18**. The goal: to teach science, technology, engineering and mathematics via the magic of motorsports and prepare students for a fast-paced career in the competitive world of professional racing. The course then culminates in the creation of a real student racing team.



Begun in 1998, our nationally acclaimed **Build A Dream program** is zipping along to great success and is comprised of **two 5-week parts**:

■ **In-Class Training** – Students spend valuable classroom time learning the basics of racing and being introduced to career opportunities in the motorsports and automotive industries. This portion of the program encourages:

- **Application of Curriculum** – Our racing program helps students better understand their classroom curriculum by teaching them the ins and outs of racecar design, spatial relationships, racetrack topography and physical and chemical changes – all using advanced math, science and technology.
- **Cultural Awareness** – Participants learn the contributions of African Americans and other minorities to the history of American auto racing.

■ **Go-Cart Racing** – Guided by professional instructors, students participate in competitive racing, hands-on training and work as a racing team, just like the pros. This portion of the program encourages:

- **Teamwork** – By placing students into a real racing team, we not only teach them racing rules, regulations, etiquette and terminology – but we also instill the purpose and importance of each and every team member.
- **Self-Efficiency & Safety** – While the program stresses teamwork, students are also responsible for maintaining safety standards and demonstrating an understanding of the physical and mental demands of auto racing.



# UNDAUNTED

## AN OCEAN OF EXCITING POSSIBILITIES AWAIT.



The URBAN YOUTH NAVAL ENGINE PROGRAM offers a comprehensive **22-week STEM program** for urban students in **grades 9-12**. The goal: to encourage students to explore careers within science, technology, engineering and mathematics. The course, given by tech experts, Historically Black Colleges and Universities (HBCU) and other college mentors, university faculty and U.S.

Navy engineers, introduces students to naval ship design, engine design and configuration, ship maintenance procedures and more. Academic training is combined with hands-on learning and site visits to active U.S. Naval Yards and HBCUs.



This program is a wonderful opportunity to launch a deeply fulfilling career and teaches:

- **Science** – Students learn to identify alternate fuel sources & communicate the reasons the Navy utilizes shock tests.
- **Mathematics** – Our program makes math part of students' everyday life by teaching common naval measuring conventions and economic advantages and disadvantages of various ship construction methods.
- **Engineering** – Students become immersed in engine mechanics, speed and power differentiation, equipment maintenance, engine control systems, engine design principles, gas turbine mechanics, steam systems and other mechanical components.
- **Naval History & Strategy** – We take our students back to basics with lessons on naval history and the missions of the Navy and its ships.



# AMPLIFYING



## GIVING YOUNG STUDENTS THE OPPORTUNITY TO SOAR.

The URBAN YOUTH REMOTE PILOTED VEHICLES PROGRAM offers a fascinating **8-week program** for students. The goal: to teach physics, mathematics, aerodynamics and technology via the handling of remote control aircraft. Students absorb the fundamentals of remote control electronics, avionics and aircraft maintenance. The program is a remarkable opportunity for young people to experience the wave of the future, as remote piloted vehicles are used in experiments, modeling, weather readings, military exercises, space exploration and more.

Through inquiry-based learning and technical training, each student will know and be able to:

- **Identify career opportunities in aviation**
- **Safely operate and fly an RC aircraft**
- **Demonstrate improved knowledge of aviation technical terminology and history**

Additionally, the RVP Program is built on two main components:

- **Classroom (Academic) Instruction** – Students use an aviation workbook to learn aviation history, aviation mechanics and related STEM career opportunities. Each week, students are assigned reading and writing assignments from the workbook.
- **Hands-On Experience & Training** – Students attend field trips to airfields and an RC aircraft jet rally, receive an RC aircraft kit and hands-on training for flying an RC aircraft and participate in an obstacle course completion for RC aircraft flying as part of a culminating project.





# UNLIMITED

## PARTNERSHIPS THAT CAN ENRICH LIVES ON EVERY LEVEL.



The “WHAT IT TAKES” SYMPOSIUMS and the E-MENTORING PROGRAM are designed to teach **boys ages 14-18** in urban areas “what it takes” to be successful in work and life via relationships with caring, ethical, well-regarded men. Mentors with backgrounds in business, finance, technology, medicine, law, and athletics provide the boys with ongoing emotional and academic support (in person and online), with special attention paid to science, technology, engineering and mathematics careers. This is a mutually rewarding program with the potential to change lives.

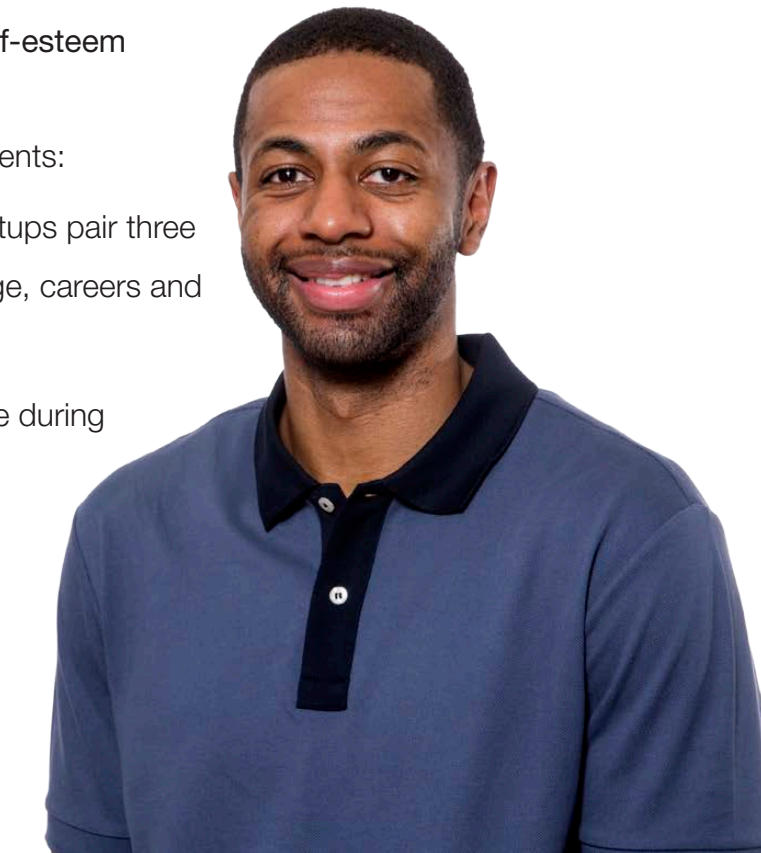


When students are connected with positive role models through the program, they are able to:

- Learn more about career options, with special attention to science, technology, engineering and math careers
- Gain access to caring, competent adults
- Improve their time management skills
- Increase their self-efficacy
- Set goals and improve their decision-making skills
- Learn to ask for help when needed
- Use technology to become global citizens
- Develop their own identity and improve their self-esteem

“What It Takes” mentors interact with students within two primary program components:

- **Social Media Small Groups** – These structured, curriculum-based mentoring setups pair three students to each mentor. This group meets weekly at a minimum to discuss college, careers and life scenarios.
- **Hands-On Experience & Training** – Mentors can meet with students face-to-face during small group visits and large group symposiums to teach mentees life lessons and important professional skills.





1998 - Anthony Martin creates The Inner City Racing League, now known as the Urban Youth Racing School, with 100 inner-city children and very limited funds.

1999 - Ed Rensi, Former CEO of McDonald's and NASCAR Team Owner, becomes the first monetary sponsor for UYRS. Dale Earnhardt Jr. becomes the first official spokesperson for UYRS.

2000 - General Motors, EA SPORTS and Dale Earnhardt Jr. become sponsors. UYRS begins a driver development program and First Annual UYRS Kid's Day.

2001 - NASCAR.com, GMAC, Joe Gibbs Racing, Pocono Raceway and MBNA become sponsors. The UYRS purchases 3 more Super Mini Cup cars, and the driver development program yields first-, second- and third-place finishes at various races.

2002 - Xbox becomes a sponsor and the UYRS Xbox Points Championship is implemented. Sears Craftsman and Hercules-Thrustmaster also become sponsors.

2003 - UYRS hosts 21 students in its first Grand NASCAR Tour in Charlotte, N.C., for a week to visit Joe Gibbs Racing, DEI, Hendricks Motorsports, Team Rensi Motorsports, NASCAR and Speed Channel.

2004 - UYRS hosts "The Race That Counts Celebrity All Star Challenge;" NASCAR Champion Jeff Gordon is the Grand Marshall. The first issue of *UYRS Magazine* is published.

2005 - The first UYRS Grand Prix of Philadelphia race takes place on the Art Museum Circle in Philadelphia. The top three UYRS students advance to the Red Bull Formula Driver Search in Boston.

## 18 YEARS

## GOES FAST!

2006 - UYRS opens in Washington, D.C. Sprint and Annie Casey Foundation become supporters. UYRS is featured in *ESPN the Magazine* and in a NASCAR diversity TV commercial.

2007 - UYRS boasts the following sponsors: Team Chevy, Sprint, NASCAR, GMAC, UPS, Sears Craftsman, Speed Channel, Bank of America, Allstate, Team Rensi Motorsports and Joe Gibbs Racing.

2008 - UYRS celebrates 10 years. Bill Marriott, Joe Gibbs and Randy Moss are among those celebrating with students from Philadelphia and Washington, D.C.

2009 - As a call to action from President Barack Obama, "What It Takes" Symposiums are started as a way to mentor young men. Panelists included Charles Barkley, and ESPN's Stephen A. Smith moderated.

2010 - Funded by the Office of Naval Research, UYRS partners with NAVSEA and Temple University College of Engineering on the cutting-edge Naval Engine Design Program.

2011 - UYRS partners with the Knight Foundation to grow the "What It Takes" Symposiums and create the first-ever e-mentoring program for black young men to be mentored by professional black men using social media and technology.

2012 - UYRS partners with NAVSEA to scale the Urban Youth programs nationally and introduces the Remote Piloted Vehicles Program.

2016 & BEYOND - With a rich history of helping 4,200 students over 18 years of innovative programs, Urban Youth is now using augmented and virtual reality as a new interactive learning experience.



# UNSTOPPABLE



Education doesn't just empower you. It makes you undeniable, unimpeachable and unrivaled.

To learn more about our STEM-based curriculum programs, please visit [UYRS.com](http://UYRS.com) or call 267-519-0252.



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Urban Youth Racing School



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## OUR PARTNERS

