



REACH

US SAILING'S STEM EDUCATION PROGRAM

The Reach Program

The Reach program uses sailing as the platform for teaching STEM and Environmental Stewardship through authentic learning experiences.



Science

Technology

Engineering

Mathematics



The Reach Program



US Sailing's Mission: Provide Leadership, Integrity, and Advancement, for the sport of sailing.

- **Leading the Way...** US Sailing's Reach program develops the first national curriculum to combining STEM education and the sport of sailing.
- **Integrity...** The Reach program targets youth of all backgrounds in particularly those under represented in the STEM fields such as urban youth of African American, and Hispanic origins.
- **Advancement...** Reach challenges all students to integrate their learning and provide unique solutions to the worlds problems.



The Reach Program

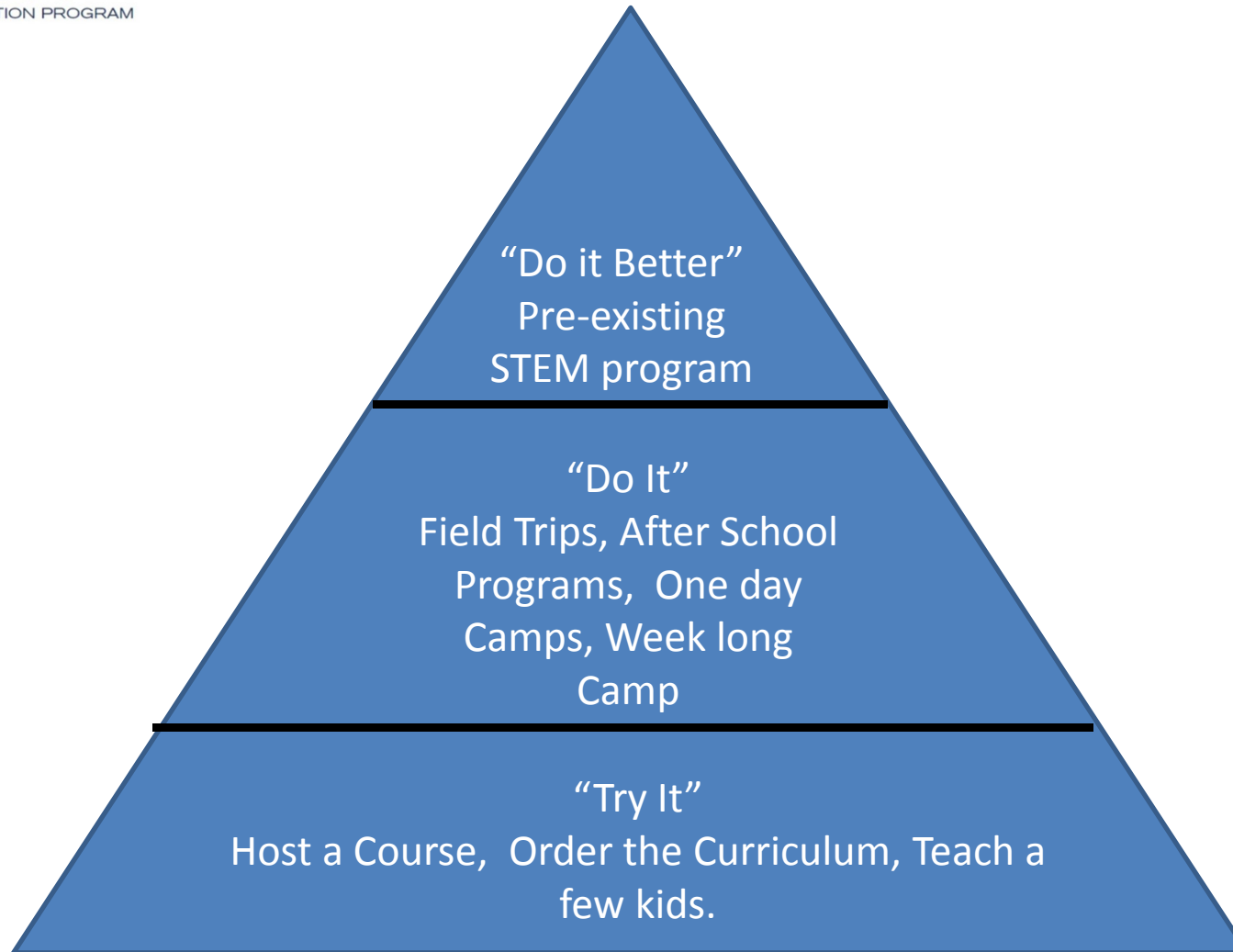


US Sailing's Vision: Be a recognized leader in training and certification, in support for the racing sailor and in facilitating access to sailing.

- Growing the sport
- Providing Access
- Partnerships
- Grassroots
- Education



The Reach Program





Reach Accomplishments

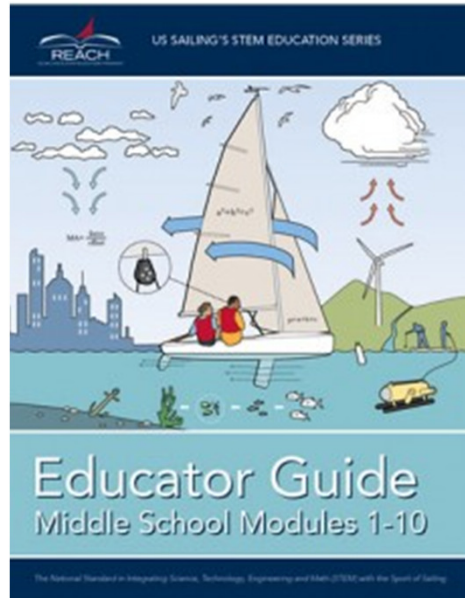
Leaders



1. Community Boating Center: Providence, RI
2. New England Science and Sailing: Stonington, CT
3. Community Sailing Center: Burlington, VT
4. Community Boating Inc.: Boston, MA
5. Community Boating Center: New Bedford, MA
6. DC Sail: Washington DC
7. Sheboygan Youth Sailing: Sheboygan, WI
8. Edison Sailing Center: Fort Myers, FL
9. Clearwater Community Sailing: Clearwater FL
10. US Sailing Center Long Beach: Long Beach, CA



Reach Accomplishments



- National STEM curriculum: 10 modules for middle school students
- Developed a Teacher Training Program: STEM Educator Course
- Provided over \$60,000 in grants to sailing programs partnering with schools, scholarships for teachers, and implementation resources to programs.



Reach Accomplishments



- 20,000 students have participated in the Reach program since 2012.
- Since June of 2013 US Sailing has trained 164 educators through US Sailing's STEM Educator Course.



- More than 300 programs in six countries are implementing Reach including programs in Boston, Washington DC, LA, Baltimore, and New York City.



Reach in 2014

Partners:

Strictly Sail Chicago and NMMA
Charleston Race Week
Tall Ships America



Contributors:

Gill
Groupe Beneteau
Rolex
Jim and Nelly Kilroy Foundation
TK Foundation



Events:

Ullman Sails Video
Sailing Through STEM Night



Los Angeles, CA



BOYS & GIRLS CLUBS

United States Sailing Center
Long Beach, California

Raytheon

Ucla



Caltech



Los Angeles, CA



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Ucla



Caltech

Chicago, IL



Los Angeles, CA



HARKEN



Chicago, IL



THE UNIVERSITY OF
CHICAGO





Boston, MA







5 Year Expansion Plan



1. Expand curriculum
2. Develop ongoing support
3. Course development
4. Engage strategic partners and mentors
5. Grant funding for programs
6. Create Hub Resources



Coming in 2015



- Hub “Pilot” program
- 4 Webinars
- Reach Marketing Tool Kit
- Student Portfolio aligned to modules
- 2 new Reach Modules
- Grants
- Scholarships
- Professional Development

reach.ussailing.org