



Entrepreneurs: Bobbi Moritz and Terrie Rigollet (not pictured)

The Barnstable CS² team collaborates with administrators and teachers to serve students and address the schools' goals with the current emphasis on dropout prevention and workforce development. The team provides a creative source of objective energy and secures invaluable resources that support student learning. Over the past ten years, the CS² team has generated over \$5.5 M in grant funds and leveraged resources that supported educational and enriching programs for over 7,500 students.

SUPPORTING EDUCATION, INSPIRING CAREERS

The Barnstable CS² team consists of two dynamic Entrepreneurs who, using a data-driven approach to teaching and learning, worked closely with school administrators to implement a variety of improvements throughout the district. The team continues to prove its long-standing reputation for making significant contributions within the schools and community. Highlights from this year include:

JTEC Program for In-school Youth

For the seventh year, CS² managed and secured funding for a program for high-school students highly at risk of not graduating. Conducted with the Job Training and Employment Center (JTEC), CS² Entrepreneurs guided vulnerable youth to achieve diplomas, explore meaningful careers, and succeed in employment. Thirty-two students enrolled in the program, six of who attended the Cape Cod Community College Diploma Plus Program. All students, with the exception of three, either graduated successfully or moved up a grade.

The Chart Room: Safe and Supportive Learning Environment

Barnstable was among school districts recognized by key legislators at the state-house for CS²'s work with traumatized students and progress made in creating trauma-sensitive schools. At Barnstable Middle School, 30 students participated in the Chart Room, a safe and encouraging environment where they learned life skills, achieved personal goals, developed trusting relationships with adults and peers, and managed their anger and other emotions. A CS² Entrepreneur served as liaison and designed an outcome-measurement instrument for the program.

The Chart Room After-school Program

Forty Barnstable Middle School students met on Thursday afternoons throughout the school year to engage in project-based enrichment activities that fulfilled real needs in the community. This service learning opportunity applied their social skills and knowledge of mathematics to cooking and sewing at the Barnstable Senior Center, where they interacted with an older generation.

Education and Outreach to Brazilian Families

CS² provided outreach to 20 Portuguese-speaking families through education and information in their native language. Parenting skills, using *Active Parenting of Teens* (Popkin) as a guidebook, offered families effective tools to improve parent/teen relationships and helped parents become involved in their students' lives at Barnstable Middle School.

Academic Support: Step-Up Program

A CS² Entrepreneur and her two-person staff directed Step-Up. The program provides academic support for students who have the potential to move from lower academic level classes to higher-level classes but need to attain the skills and develop the confidence to do so. Teachers, guidance counselors, and the Step-Up team identified student candidates who were tested to determine the appropriate course of study. This year, Step-Up moved 27 freshmen and sophomores to higher-level classes in mathematics and English Language Arts. Seventy-seven percent of the students passed the higher-level classes and only two students failed to advance. Among 9th graders, fifty per cent improved their academic performance compared to their 8th grade academic performance.

Academic Support: Preparing High School Students for MCAS Success

The high school CS² Entrepreneur and a team of high school teachers and support staff supported 150 students through MCAS preparation and remediation. Instruction included subject-specific test preparation, anxiety management, and testing strategies. A concerted effort to enroll more students in the program led to a fifteen percent increase in student participation.

ENGAGING THE COMMUNITY

21ST Century Community Learning Center

Two Entrepreneurs managed the 21ST Century Extended Day After School Program at Hyannis East Elementary School. The program, funded by the Massachusetts Department of Education, received recognition from the Barnstable County Council for Children, Youth, and Families as an exemplary model addressing the tenets of the America's Promise Alliance. Over the past four years, more than 160 students have been served. Forty students participate in the program for 32 weeks each year. Over 20 community partners provided in-kind time and resources for student activities and summer camp experiences. Pre- and post-program evaluations, developed for the Massachusetts Department of Education by the National Institute on Out-of-School Time, indicate the program's success. Data shows that the program exceeds its goals for student improvement in mathematics, homework, problem-solving, initiative, and peer relationships. The program includes enrichment and community service learning activities to support math objectives.

Mathematics Books and Games

Middle school students incorporated service learning into the mathematics enrichment classes to improve math scores and address a real community need. The challenge: how to improve Adequate Yearly Progress requirements in mathematics within a subgroup population at the school. CS² worked with them to create a user-friendly math facts book translated into Portuguese to be used in the classroom and by parents at home during 2007-08. They also developed math games currently being used with SPED and elementary students. Students field-tested the books and games at Hyannis East Elementary School and at Horace Mann Charter School. Seventy-five students at the middle school will benefit from their efforts.

Challenge Day Garden

Fifty Barnstable Middle School students used their math skills to design and plant a garden that beautified the school and visually celebrated their cultural diversity. The program helped to increase respect and added to the school's efforts to eliminate bullying within the community.

LEVERAGING RESOURCES

Grants

During 2006-07, CS² Entrepreneurs secured over \$400,000 in federal and state funds and managed more than \$1 million in multi-year grants for new and continuing programs that supported district goals:

- 21st Century Community Learning Center
- Safe and Supportive Learning Environment
- Community Service Learning
- Job Training & Employment Center Program for In-school Youth
- MCAS Support
- Cobb Astro Park
- Perkins Grant
- School-to-Careers Partnership

LEADING SYSTEM-WIDE INITIATIVES FOR CHANGE

School Redesign Model: Expanded Learning Time

A collaborative effort is taking place among staff and stakeholders in the school district as well as within the community. The CS² team is leading the development of research-based plans to expand learning and increase the school day. The goal is to foster successful outcomes for teaching and learning while addressing the needs of the whole child. Barnstable's two Entrepreneurs were the change agents who organized, trained, facilitated workshops and meetings, and mobilized leadership teams in three Barnstable schools.

Barnstable Leadership Team

CS² Entrepreneurs are also members of the Barnstable Leadership Team, teaming up with principals and administrators in the school district at monthly meetings to improve communication throughout the district and within the town. Their presence and voice at the table broadens understanding about new strategies, funding opportunities, and important state and federal initiatives.

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β Member of CS² network since 1996

β CS² has district-wide K-12 impact. Focus areas for 2006-07 were at Hyannis East Elementary School, Barnstable Middle School, and Barnstable High School

β 2 Entrepreneurs

β 1,200+ students participated in CS² initiatives

β \$316,775 public and private funds secured

β \$350,000/donations + in-kind contributions secured