

Back Ground

Resumes: http://www.integratingengineering.org/about_us.html Karen, Bill

Organization	Name
Millis PS Ms. Nancy Gustafson Superintendent	Engineering Lens and then with Tufts CEEEO group ...
North Attaboro	Anne Sullivan , J.W. Martin Elementary School
Milford	Kathy Shea Ed.D. Math/Science Curriculum Supervisor
Hopedale	
Boston	With Tufts CEEEO Group Chris Rogers Tufts CEEEO has received an NSF research grant(DRK-12) based on this concept. I am Louis Diaz a former 4th grade teacher at the Sarah Greenwood School. We did some work together when I was at that school. I am now at the John F. Kennedy School. I am working here with Waleska Landing our Principal, also from the Greenwood. We would like to talk to talk to you and hopefully meet with you to discuss your work and how can we use some of your ideas in our school. Please e-mail me or call me if that is better for you. My number -----
Quaboag Regional Elementary school	With WPI STEM Education Center Worcester Polytechnic Institute 100 Institute Road Worcester, Massachusetts 01609 Dubosarsky, Mia
College Programs	
• Wheaton College	2012 ... Vicki Bartolini
• Boston College	2012,2013... Mike Barnett Associate Professor of Science Education and Technology Lynch School of Education Boston College
• Framingham State	The McAuliffe Center, Mary L., summer program for FSU students
Programs	
MITS	Professional Development Seminars 2011... Tim LaVallee
TEC-COOP	Two summer programs (2011-2012) ... Janet Buerklin

Talks	
• IEEE	
• MassCue	
• MassTEC	
• Raytheon	

Our Uniqueness:

- Not another Silo.; Interdisciplinary
- Uses design (problem solving) to support learning.
- Students make decisions versus learning through highly scripted program.
- Integrates the learning of thinking skills, system thinking and self-assessment.
- Open source for educators.

Goals for Engineering Lens:

1. Focus on PreK to 5th Grade:
2. Create curriculum for PD for educators with testing in urban, suburban and rural school districts.
3. Sustainability model is:
 - taught as supplemental curriculum in teachers colleges.
 - interactive web site for collaboration.
 - ownership by major NP education corp.

About the Instructors:

Bill Wolfson has been an electrical engineer in the high tech. industry for the past 40 years. He brings a passion about design and thinking skills to promoting an interdisciplinary learning environment.

Karen DeRusha has been an elementary school educator for 40+ years. Currently she teaches workshops and courses for educators. Karen have combined their knowledge and experiences to create this approach for teaching engineering skills to elementary children.