



A Southeastern Massachusetts
Public Higher Education
Partnership



SCIENCE • TECHNOLOGY • ENGINEERING • MATH
STEM
Southeastern Massachusetts Network

EDUCATING FOR THE FUTURE - 2020 & BEYOND

May 10, 2018 - 4-6:30PM

Old Colony Regional Vocational Technical High School

Agenda

4:00PM REGISTRATION - NETWORKING – VISIT EXHIBITORS

4:15-4:40PM WELCOME & OVERVIEW

- **Old Colony Regional Vocational Technical High School**
Aaron Polansky, Superintendent and Erin Taylor, OC student
- **CONNECT Partnership**
John Cox, President Cape Cod Community College
- **MA Department of Higher Education**
Secretary of Education James Peyser
- **Ribbon Cutting**
Celebrating the acquisition of new equipment funded through the MA Workforce Skills Capital grant. Four programs have benefited from grant awards totaling \$577,179
 - Aaron Polansky, Superintendent Old Colony RVTHS
 - Secretary of Education James Peyser
 - Machine & Tool Technology Partner
Matt Hudon, Autocam Medical, Plymouth, MA
 - Electronics Engineering Technology Partner
Karl Edminster, Electromechanica, Mattapoisett, MA
 - House & Mill Carpentry Partner
Jim Marot, Town of Acushnet
 - Electrical Partner
Eric Goodwin, OMCO Solar, Phoenix, AZ

4:45-6:30PM TOUR – PANEL DISCUSSION – WORKSHOPS – EXHIBITORS

	Location	4:45 5:30	5:45-6:30
Exhibitors	Gym	4:00 5:30	5:30-6:30
Workshop - Coding Take Your Coding to the Next Level with Pencil Code	Library	4:45 5:30	
Workshop – Scratch Block Party	Library		5:45-6:30
Tour	Technical Program Area	4:45 6:30	
Panel	Cafeteria		5:45-6:30

TOUR: Featured will be equipment purchased with funds from the Workforce Skills Cabinet. Old Colony offers 13 technical programs including computer science, electrical, electronic engineering technology, house & mill carpentry, health careers, culinary arts, machine & tool technology, and graphic communication & design. The tour will focus on the electrical, electronic engineering technology, house & mill carpentry, and machine & tool technology program areas.

EXHIBITORS: Visit exhibitors and take away resources including information about work-based learning for students and educators, engaging STEM programs and activities, and business & educator partnerships.

WORKSHOPS

Take Your Coding to the Next Level with Pencil Code - Learn to code and teach coding using Pencil Code. Pencil Code uses blocks, but also transitions students to coding with text instead. There are plenty of resources to use for teachers of students at all levels. The 'take away': You will feel more confident in coding and teaching how to code, and have access to materials to make it accessible for students with varied capabilities.

Presented by: Kerri Murphy, Easton Public Schools, Oliver Ames High School Math Teacher

Block Party with Scratch - Computer Science is in town. Come to our Block Party and let us help you get started using MIT's Scratch. Join us to see first-hand how easy and fun it is to build an interactive and engaging eCard. Your students will have fun as they collaborate and create projects to spread smiles!

Presented by: Audra Kaplan, Groton Public Schools.

PANEL PRESENTATION: Community Initiatives and Partnerships

Focus: The importance of partnerships in education – with businesses, the community and other educators. Learn how Old Colony partners with businesses and other members of the community to advance STEM education and prepare students for 2020 and beyond.

Welcome: Stacey Kaminski, CONNECT/SE MA STEM Network, Executive Director

Moderator: Jackie Machamer - Old Colony Regional Vocational Technical High School, Assistant Principal/Vocational Technical Education Coordinator

Panelists:

- **AutoCam Medical, Plymouth, MA**
Matt Hudon, Engineering Manager
- **Edaville Family Theme Park, Carver, MA**
Brenda Johnson, General Manager
- **OMCO Solar, Phoenix, AZ**
Eric Goodwin Director of Business Development
- **Old Colony Regional Vocational Technical High School**
Ryan Robidoux - Instructor, Computer Science
- **Old Colony Regional Vocational Technical High School**
Erin Taylor, Student



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Exhibitors

Business Partners

- ❖ AccuRounds
- ❖ Edaville Family Theme Park
- ❖ Electromechanica, Inc.
- ❖ North Easton Machine
- ❖ OMCO Solar
- ❖ Lockheed Martin

Community & Educational Partners

- ❖ AAUW
- ❖ Acushnet Public Schools – Ford Middle School
- ❖ Blue Heron STEM Education
- ❖ Old Colony RVTHS
 - *OC Summer Discovery Programs*
 - *OC Creates*
 - *OC Science*
 - *OC Robotics Team*
 - *OC Math Department*
 - *OC CAD Drafting Department*
 - *OC Metal Fabrication & Joining*
 - *OC Cosmetology*
 - *OC Computer Science*

Government Partners

- ❖ MA Department of Education & MA STEM Pipeline

Higher Education Partners

- ❖ Cape Cod Community College
- ❖ Cape Cod STEM Network
- ❖ CONNECT Partnership/SE MA STEM Network
- ❖ University of Massachusetts Dartmouth
Kaput Center for Research and Innovation in STEM Education