

Southeastern Massachusetts STEM Week Events by Sector as of 11.6.18

Sector	Organization	Program Description
Business	AccuRounds	AccuRounds will open its doors to celebrate STEM week. Introductions and brief tours will be available to students, parents, educators, and community members from 9:00 am - 4:00 pm. Come see what today's modern advanced manufacturer looks like and learn about exciting and thriving career opportunities.
Business	Edaville Family Theme Park	Learn about different STEM careers with hands-on activities for younger children. All ages will enjoy our Cranberry Museum: learning about local agriculture with examples of cranberry harvesting technologies throughout the years. Take a trip to visit life sized inhabitants of more ancient environments in Dino Land! All attractions included with ticket purchase. Use code: BOGO when buying date-specific tickets for Fridays in September and October 2018 to Buy One Get One free! Ride, Roar, Explore!
Business	Millstone Medical	Tour of facility (cleanroom environment, engineering, mechanical inspection, IT). Representatives from various departments will be available for questions and overview of department responsibilities.
Business	Sensata Technologies	In honor of MA STEM Week, children are invited to put themselves in a design, process, and quality engineer's shoes for a day! The event features 5 STEM Discovery Activities, Lab tours every 15 minutes, and STEM-themed photo-ops. R.S.V.P. at bit.ly/sensatastem for headcount. No purchase necessary.
Community	Attleboro Public Library	K-8 STEAM Activities
Community	Brockton NAACP at Brockton Public Library	STEM Family Fun Night - STEM-ulate your brain and discover the fun of science, technology, engineering, and math through hands-on science activities and games for the whole family. Learn to code, build a robot hand, make a kaleidoscope, see how bees pollinate, design & build a "safe-landing" parachute, learn about outer space, enjoy some mad-scientist snacks and more! Meet real scientists, find out what they do and how they got to be scientists. Take home what you make or discover.
Community	Brockton NAACP at Brockton Public Library	STEM Careers Showcase - Careers in STEM are not just for astrophysicists, biologists, and chemists. There are lots of opportunities for great jobs at all levels including in the skilled trades. Join us for panel discussions about the various high-demand STEM jobs of the future. Meet college reps and talk with businesses about careers, internships, and mentoring opportunities. Take an online assessment to help identify your skills and interests.

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Community	Easton Community STEAM Education Team	3rd Annual Pathways to Your Future - an exciting expo bringing 900 6th, 7th & 8th graders together with 50 school clubs, vocational and agricultural high schools, business leaders, and town departments (such as police and fire) to learn about a wide variety of careers, including those in major STEM fields. Students participate in activities, games, and demonstrations and learn about the pathways to a variety of careers.
Community	Easton STEAM Team	Students who attend the Easton STEM Career Discovery Conference will attend classes about careers and educational opportunities in various STEM fields including medicine, engineering, entrepreneurship & invention, mathematics, computer science, and space. Industry professionals will teach the classes, offering a unique insider look into each field. Students AND parents will also learn about the STEM classes and activities OAHs has to offer.
Community	Region 5 EPS	The R5 EPS will be supporting the celebration of STEM week in a variety of ways including a special edition newsletter of STEM activities and ideas, distribution of STEM curriculum and standards, STEM Activity Contests for all early education programs, and Program Focus STEM Activity by Anchor Coaches at chosen locations.
Community	Science from Scientists	Award-winning nonprofit Science from Scientists will be showcasing our during-school STEM enrichment program, in which we send real scientists into schools every other week to lead hands-on STEM experiments with students during school throughout the entire academic year in partnership with classroom teachers.
Community	Seekonk Public Library	Rosie Revere Engineer: An Event for Young Engineers
Community	Self Help Inc. Coordinated Family & Community Engagement	Various programs offered throughout Southeastern Massachusetts including: Seasonal Nature Collection for Fall, Patchwork Story Time - STEAM, Art Adventures, Animals Are Really Cool - STEAM, Silly Science and Mystical Math, and more.
Higher Education	Bridgewater State University	Open Lab Night provides members of the community the opportunity to experience the excitement and relevance of science to everyday life, allows undergraduate students to assume leadership roles in communicating scientific concepts to the general public, and increases the community's awareness of the excellent science and math education and resources available at BSU.

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Higher Education	Bristol Community College	Bristol Community College's Attleboro Campus will host a STEM Resource Fair for existing BCC students, area high school students, and the public. Representatives from BCC, BSU, and businesses looking for STEM-skilled employees will be present. The overall goal is to provide attendees with the information they'll need to pursue academic disciplines in the STEM area and to learn from the employers' perspectives how to be successful in a STEM field.
Higher Education	Bristol Community College	Hands-On Microbiology Event: Microbiology is an ever-expanding field and bacteria is one of the types of microorganisms that have existed for over 3.5 billion years that make a vital part of our life. In this event, students will learn how to stain and view the differing types of bacteria and use the tools that microbiologists use to grow and study bacteria.
Higher Education	Bristol Community College, Massachusetts Maritime Academy, UMass Dartmouth and Greater New Bedford Regional Vocational Technical High School	Southeastern Mass Wind Symposium - 85 Greater New Bedford Vocational Tech students will participate in a day long Wind Symposium event hosted by Bristol, MMA, and UMD. The event will include an industry speaker followed by four, 50-minute wind-related activities/workshops and/or speakers.
Higher Education	Bristol Community College	STEM Networking Night (Life Sciences and Environmental Sciences) - Bristol students are invited to network with local industry representatives from environmental and life sciences companies.
Higher Education	Bristol Community College STEM Club and Fall River Rotary	STEM Technology Day - BCC STEM Club Students will develop hands-on activities for middle school students.
Higher Education	Cape Cod Community College at Plymouth Airport	The Aviation Maintenance Technology Program in Plymouth will host an open house, have tours, and provide information about the program. The Aviation Technology Maintenance Program will prepare students for FAA Certification and lay the foundation for an Associate of Applied Science Degree in Aviation Maintenance which can transfer into a variety of four-year programs.
Higher Education	UMASS Dartmouth	Janet Kolodner from Boston College will present "Drawn Into Science through Mystery and Awe." This is a research presentation about work her team conducted as middle school students used the Harvard EcoMUVE environment.
PK-12 Education	A Irvin Studley School	Computer Lab Coding Activities for Studley Students
PK-12 Education	Attleboro High School	Middle School students from all middle schools will tour 12 Attleboro High School Career and Technical Education Programs. Students will learn about the three-year course of study and how CTE courses allow students to apply academic learning in "real life" experiences. CTE students will highlight the impact these pathways have had on their lives.

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PK-12 Education	Blue Hills Regional Technical School	Vocational programs will participate in STEM activities and have them on display for students during STEM Week. The students who worked on the projects will be able to showcase their work with other students during lunch periods.
PK-12 Education	Bristol Community College - Partner	Southeastern Regional VEX Robotics Competition Kickoff Event at the Silver City Galleria - Targeted to middle and high school VEX Robotics teams from throughout Southeastern MA, this event will provide an overview of the 2018-2019 Southeastern Regional VEX Robotics competition events and demonstrate the 2018-2019 VEX Robotics game Turning Point. Teams will have an opportunity to play the games with their robots and/or a BCC-provided robot. Open to the Public Working with the Early Childhood Education Program, the preschoolers will do the activity: Make a Candy Airplane. Each child will build an airplane using a blueprint. Children will gather all their candy parts and assemble the plane.
PK-12 Education	Bristol-Plymouth Regional Technical School	Chandler will be introducing Dot and Dash to our teachers and students. We will be doing demonstrations throughout the week and encouraging teachers to begin the Wonder Workshop lessons online. Dot and Dash robots will be available all year in our schools makerspace/lab to integrate digital literacy into our curriculum at all levels.
PK-12 Education	Chandler Elementary School	Derby opens the doors to their Makerspace, Science Labs, and 21st century classrooms for hands-on and interactive STEM workshops. Workshops are designed for learners in grades PK/K, 1-3, 4-5, and 6-8. Informational sessions for parents on supporting and exploring STEM interest, enrichment, and educational opportunities run concurrently to workshops.
PK-12 Education	Derby Academy	We plan to run interdisciplinary hands-on STEM projects in classrooms throughout the week with a culminating showcase. We also hope to have a STEM Career Day, field trips, and visitors.
PK-12 Education	Ford Middle School	KodeConnect will partner up with The George School in Brockton to host a Coding Night, October 25. Software engineers from Boston will talk about what it's like to be an engineer, participants will do some hands-on coding and work with robots.
PK-12 Education	George School & KodeConnect	

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PK-12 Education	George H. Potter School	We are holding STEM activities each day of STEM Week. We are having drop-off coding sessions before school. Our middle school robotics team will be doing a presentation for our grades 3-5 students. And we are turing our gym into a STEM arena for the day, where all grades will participate in STEM activities, plugged and unplugged.
PK-12 Education	Gordon W. Mitchell School	We are creating and opening a brand new makerspace this summer/early fall. We will host a makerspace open house and invite guests to interact with our technology and tools while creating in our space.
PK-12 Education	Hyman Fine Elementary School	Maker Space Dedication featuring "Green Screens." Green screens have been donated by the Rebecca Whitfield Foundation to all elementary maker spaces. Attendees will see examples of the possibilities of this collaborative technology. Mr. Whitfield will be present to officially dedicate this innovation in memory of his daughter who passed away unexpectedly in 2012.
PK-12 Education	Mansfield High School	Christa McAuliffe, the first civilian to be sent out into space, planned to perform various scientific experiments before a terrible disaster strick the space shuttle Challenger. One of the experiments that Christa was going to work on was a plant leaf pigment chromatography. My class will be running this activity to show the movement of polar pigment molecules, demonstrating cohesive and adhesive properties, followed by a discussion on the variable of weightlessness.
PK-12 Education	Old Colony Regional Vocational Technical High School	Old Colony Regional Vocational Technical High School will collaborate with the Greater New Bedford Workforce Investment Board and area industry partners to host area middle school students. Students will tour vocational programs and engage in interactive activities related to computer science, electronic engineering technology, CAD drafting, and graphic communication and design.
PK-12 Education	Plymouth Family Network	STEM Playgroup: All About Ramps - Join Plymouth Family Network to celebrate STEM Week with us. We'll learn about ramps, build our own, and experiment with rolling and sliding. Bring your peanut-free lunch for snack time.
PK-12 Education	Robert J. Coelho Middle School	Tinker & Create in a Makerspace - Attendees are invited to observe how middle school students work together to learn, collaborate, and share. Our new Makerspace allows the opportunity to explore, design new things, or improve things that already exist in a newly constructed, creative environment.

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PK-12 Education	Robbins Children's Programs	Lights on Afterschool is the annual celebration of afterschool programs across the nation. We invite you to come in on this day as we will be showcasing the STEM curriculum in our school age program including our makerspace. The preschool program will also be holding its open house and each room will be displaying recent STEM projects and will have STEM activities taking place.
PK-12 Education	Robbins Children's Programs	Drop by to see the materials and activities we use to lay the foundation on learning about STEM concepts to the preschool children enrolled in our program. Tours of the makerspace will also be offered. Learn about the Robbins Children's Program and Mass Audubon's Stony Brook Wildlife Sanctuary Partnership – the Learning STEM from Nature initiative funded by the Caplan Foundation. See how the program Incorporates play and inquiry-based learning through the serendipity of outdoor exploration and how children discover the patterns and cycles of natural science in this program. A sensory scavenger hunt and exploration of property trees will illustrate this simple and engaging model of implementing outdoor early education with investigations in the natural sciences.
PK-12 Education	Robert J. Coelho Middle School	Attleboro Junior Conservation Commissioner Program - Kick-off day to an inquiry-based curriculum reflecting mission and charge of ACC. Our partners at the Mass Audubon Oak Knoll Wildlife Sanctuary, Attleboro educators, and the Dept. of Planning & Development/City of Attleboro have aligned all programming with appropriate state science standards, and incorporates "STEM" educational techniques for real world learning for the Jr. Conservation Commission participants (our 5th graders). The following commission-related values will be incorporated into each lesson: Public & Private Water Supply; Ground Water Supply; Flood Control; Storm Damage Prevention; Pollution Prevention; Protection of Fisheries; Protection of Wildlife Habitat.
PK-12 Education	SEEPP at Enable Inc.	Baby Steps to STEM for Infants, Toddlers & Twos: Professional Development for Educators
PK-12 Education	SEEPP at Early Learning Childhood Center	What Can You Do With This Box? Making, Tinkering, and Engineering with Young Children: Professional Development for Educators
PK-12 Education	SEEPP at Cape Cod YMCA	What Can You Do With This Box? Making, Tinkering, and Engineering with Young Children: Professional Development for Educators
PK-12 Education	SEEPP at Easton Children's Museum	Fairy Tale STEM Day

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PK-12 Education	SEPP at Greater Fall River Children's Museum	Children's activities all week including: kitchen science, home tinkering sets, creating sensory bottles, and coloring mixing lab.
PK-12 Education	Silver Lake Regional Schools	Showcase of projects & programs designed to promote authentic student work in science & technology engineering classes, including PLTW classes and representative projects in grades 7-12 robotics clubs, robotics class and robotics independent study projects, work - individuals and pair work on biomedical engineering, drones, animal behavior research. Class projects/activities highlighting authentic student work.
PK-12 Education	Sippican School	Big Picture Anthems will be conducting two meetings on STEAM careers, one geared toward students grades 3-6 and the other geared toward students grades K-2.
PK-12 Education	Somerset Berkley Regional High School	Providing an exploratory environment for all students to interact with STEM courses available at Somerset Berkley Regional High School. SBRHS STEM programs will create student-led, interactive displays in the student dining hall. Students will interact with hands-on activities related to computer science, robotics, graphics design, CAD, and engineering. These activities begin a year-long SBRHS initiative for STEM career awareness, which also includes a school-wide Hour of Code event in December.
PK-12 Education	Wareham Middle School	The Wareham Middle School STEAM Academy planned and created two working cranberry bogs. 7th grade STEAM students planned and created interactive exhibits that included information on the layers of the bogs, bees, pests, "critters," and irrigation practices and the cranberry harvest, designed specifically for elementary students. Come visit the Cranberry Bog Outdoor Classroom!
PK-12 Education	Weymouth Public Schools	Preschool - STEM activities through exploring seasonal opportunities; Primary K-4 - Students will analyze the purposes of different bird beaks, build towers, design a prototype of a roller coaster and earthquake resistant buildings; Middle School - students will meet in a dedicated STEM room to demonstrate inquiry-based activities supported by the Boston Celtics; High School - students will engage in biotechnology experiments, supported by Amgen and Harvard University.