

## STEM Education Awareness Month: October 2009

This ambitious proposal has 31 STEM related items for consideration in the 31 day month of October to launch the Patrick-Murray Administration's STEM Initiative. Outlined below and on the map, this brings Lt. Governor Murray to 11 of the 14 counties in Massachusetts. Dukes, Franklin, and Nantucket currently have no visits. Of the 31 proposed events, 21 different cities or towns are hosting them. Three of the four districts represented by the Senate and House Chairs of the Higher Education and Education Legislative Committees will be visited.

Lt. Governor Murray would attend and speak at meetings, tours, and events related to all STEM fields covered in the Executive Order which are: Manufacturing, Biotechnology, Engineering, Information Technology, Vocational Technical Education, Elementary Education, Secondary Education, and Higher Education. A different regional roundtable discussion would be held on seven of these eight fields with the Biotechnology panel at the Biomedical Initiatives Event on October 28<sup>th</sup> covering that field.

This tour will highlight the creation of the new Council and make people aware that STEM is the comprehensive component that ties together many of the leading industries which make up the Massachusetts economy across the entire state. As the economy is positioned for recovery, this tour will allow the administration to hammer in the point that recovery is already underway and the potential to grow in these fields is enormous. The tour also demonstrates the administration's view that STEM improvements will come from not just the Education system, but the Housing and Economic Development and Labor and Workforce Development secretariats.

The total expected time the Lt. Governor will spend at these events is 29 hours, 18% of the 160 work hours in the month.

### Map of Proposed STEM Month Activities





## October 2

1. \*Tour of Polartec – a clothing and fabric manufacturing company, Lawrence, 10:00 – 11:00 a.m.
2. \*Andover Rotary Club, Audience of Business Professionals focused on community involvement, speech to focus on internship programs in STEM fields with local students, Andover, 12:00 – 1:30 p.m.

## October 6

1. \*UMASS – Lowell College of Engineering, STEM Regional Roundtable on Engineering, 3:30 – 4:30 p.m.
2. \*MassBio Investors Forum, Sheraton, Boston, 9:00 – 9:15 a.m.

## October 7

1. \*Shingo Manufacturing Conference, Worcester, 8:00 – 8:30 a.m.

## October 8

1. \*Natick School Visit to highlight the LIFT2 Teacher Development Program, 10:00 – 11:00 a.m.
2. \*Mass. Tech. Collaborative Annual Breakfast, Marlborough, 8:45 – 9:30 a.m.

## October 9

1. \*Springfield Technical Community College, STEM Regional Roundtable on IT, Springfield, 12:00 – 1:00 p.m.

## October 13

1. Northeastern STEM Center Visit, Boston, 2:30 – 3:30 p.m.

## October 14

1. \*MIT Enterprise Forum on Innovation, Microsoft, Cambridge, 4:00 – 5:00 p.m.

2. \*MA Skills USA Precision Manufacturing Award Ceremony, State House, Boston, 11:00 – 11:20 a.m.

### October 15

1. \*McCann Technical High School Visit, North Adams, 11:45 a.m. – 12:45 p.m.
2. \*MA College of Liberal Arts, Highlight the bond bill funding for a STEM Center and hold a STEM Regional Roundtable on Higher Education, North Adams, 2:00 - 3:00 p.m.

### October 20

1. \*STEM Summit, Keynote Address and Opening Remarks at the Leadership Panel, Sturbridge, 9:20 – 10:15 a.m.
2. \*Construction Symposium, Randolph, 11:30 a.m. – 12:00 p.m.

### October 23

1. \*STEM Focused Young Adults Initiative Community Meeting Sponsored by the Governor's Civic Engagement Office. The purpose is to keep graduating students in Massachusetts, Cambridge, 5:30 – 7:00 p.m.
2. STEM Regional Roundtable on Elementary Education, Amesbury, 11:00 a.m. – 12:00 p.m.

### October 26

1. \*STEM 6<sup>th</sup> Grade Children's Science Program, Roosevelt School, Worcester, 8:00 - 9:00 a.m.

### October 27

1. STEM Regional Roundtable Meeting on Vocational and Technical Education, Medford TBD
2. STEM Regional Roundtable Meeting on Secondary Education, Chelsea, 3:00 – 4:00 p.m.
3. Race to the Top Application Event, Chelsea School TBD, 4:15 – 4:45 p.m.
4. Governor Patrick's Economic Summit, Boston, all day.

### October 28

1. \*Mass Biomedical Initiatives Science Summit, Abbott Labs, Worcester, 4:00 – 5:30 p.m.
2. \*Meeting with all EOE Staff and STEM Related Higher Education and Elementary and Secondary Education State Employees, State House or Ashburton Place, Boston, 11:00 a.m. – 12:00 p.m.

### October 29

1. Smith Vocational and Agricultural School Visit, Northampton
2. William J. Dean Technical High School, Holyoke

### Key

- \* Indicates the event is confirmed and on his schedule
- Multiple events on the same day are ranked in order of priority
- Travel Time has been mapped out for timing purposes

### Regional Roundtable Locations

Manufacturing – Fall River TBD

\*Biotechnology – Worcester

\*Engineering - Lowell

\*Information Technology - Springfield

Vocational Technical Education – Medford TBD

Elementary Education – Amesbury TBD

Secondary Education – Chelsea TBD

\*Higher Education – North Adams

### Backup Ideas

1. Executive Order Signing, Website Launch Announcement, Governor’s Proclamation on STEM Education Awareness Month, TBD – State House, GCC.

2. First STEM Council Meeting, Boston

-October 5: MA Insight World Class College Ready Leadership Briefing, Boston, 10:00 – 11:30 a.m.

-October 5 or 6: Ilya Ponomarev, Chairman of the High Tech Committee of the Russian Duma

-October 16: Leominster Local STEM Related Business Visit, 11:45 a.m. – 12:30 p.m.

-October 21: Museum of Science Event, purpose TBD, Potential NASA/exploration connection, Boston, 2:30 – 3:15 p.m.

-October 23: Bartley Machine and Manufacturing Business Visit, Amesbury, 12:15 – 1:00 p.m.

-Anytime: WPI or Clark U. Visit, STEM Center partnership with Clark University announcement if ready by then, Worcester.

-Anytime: Worcester Technical High School Visit.

-Anytime in region: Lynn GE Plant, manufactures aviation equipment, employs many veterans, Lynn

-Anytime in region: Lynn Voc Tech Institute

-Anytime in region: Passport Systems Factory Tour and Briefing, Billerica, TBD

-Anytime in region: Acme Packet, Burlington

-Anytime in region: Raytheon Visit, potential announcement of federal grant funds, Waltham

-Woods Hole Oceanographic Institute Visit, tour, Groundbreaking for the \$15 million in life sciences funding, weather and earthquake predictors research discussion, Falmouth, 1.5 hours total, Time TBD

-STEM Regional Roundtable Meeting on Manufacturing, Time TBD, Fall River area