

March 3, 2014

Governor's STEM Advisory Council: Quarterly Meeting



Massachusetts
Governor's STEM
Advisory Council

Welcome

- 10:00 AM – 10:20 AM
- 10:20 AM – 10:40AM
- 10:40 AM – 10:55 AM
- 10:55 AM – 11:25 AM
- 11:25 AM – 11:50 AM
- 11:50 AM – 12:00 PM
- 12:00 PM – 2:00 PM

Welcome

The I in STEM

STEM Teacher Corps

STEM Council : LT Planning

STEM Programming Highlights

Questions and Public Comment

***Optional: Tour of MGHPCC**

STEM Council: 2014-2016

- Top Priorities
 - Sustainability
 - Scale
 - Community Outreach
 - Measuring Outcomes

- Proposed support for STEM
 - STEM Pipeline Fund-\$1.5 M
 - STEM Teacher Corps-\$250 K + Match

Sustainability

- Legislation
 - Moving beyond executive order
 - Reseating the council
- External Support
 - Scale
 - Business engagement model
 - Signal to the legislature
 - Non-profit account

Scale

- STEM for ALL
- Strategies
 - STEM Regional Networks-best practice sharing
 - Communities of Interest-building networks
 - @Scale
 - Site Visits
- Research and Evaluation
 - NSF Funding
 - When and how?
- Additional Funding

Community Building and Outreach

- Subcommittees
- Connecting networks and communities
 - Council members and STEM Networks
- Public awareness
 - STEM-build interest
 - STEM Council-recognition and model
 - Local and National Presence
 - Website
 - Partnerships with national organizations
- Public Events
 - STEM Tour 2.0-In progress
 - STEM Lecture Series-May 2 Kickoff with Gary Beach at 3DS
 - STEM Summit-October 22 at DCU in Worcester

Proposed Subcommittees and Working Groups

SUBCOMMITTEES

- Media and Communications
- Diversity
- Data and Measurement
- Workforce Training
- STEM Summit Session Review

- Interagency STEM Group*
- DESE STEM Advisory Group*

WORKING GROUPS

- Defining STEM
- STEM Networks
- STEM Teacher Corps
- STEM Readiness

Measuring Outcomes

- Maximizing opportunity and success
 - Priority Areas
 - Resources
- Pipeline Support (STEM Plan 2.0)
 - Scale
 - Sustainability
 - Community Building and Outreach

Discussion Questions

- 1. Of the four priority areas, do a few rise to the top or are all important? Are any missing?
 - *Sustainability, scale, community outreach and network building, measuring outcomes*

- 2. How can the Council be best utilized to carry out this work? How will we know that it is succeeding?

- 3. What is coming on the horizon (in the areas of STEM education →workforce) that we need to prepare for?

Thank you

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STEM Plan 2.0 Outreach

- STEM Networks
- Mass Bio Ed Foundation-Dec. Board Meeting
- Computer Science Teacher Association-Feb. Meeting
- CASE @ Bridgewater State-Annual Conference
- SAGEE-December Council Meeting
- MWIB-March Council Meeting