March 3, 2014

Governor’s STEM Advisory Council: Quarterly Meeting
Welcome

- 10:00 AM – 10:20 AM: Welcome
- 10:20 AM – 10:40 AM: The T in STEM
- 10:40 AM – 10:55 AM: STEM Teacher Corps
- 11:25 AM – 11:50 AM: STEM Programming Highlights
- 11:50 AM – 12:00 PM: Questions and Public Comment
- 12:00 PM – 2:00 PM: *Optional: Tour of MGHPCC

- 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