USG STEM NETWORK & COMMUNITIES OF PRACTICE

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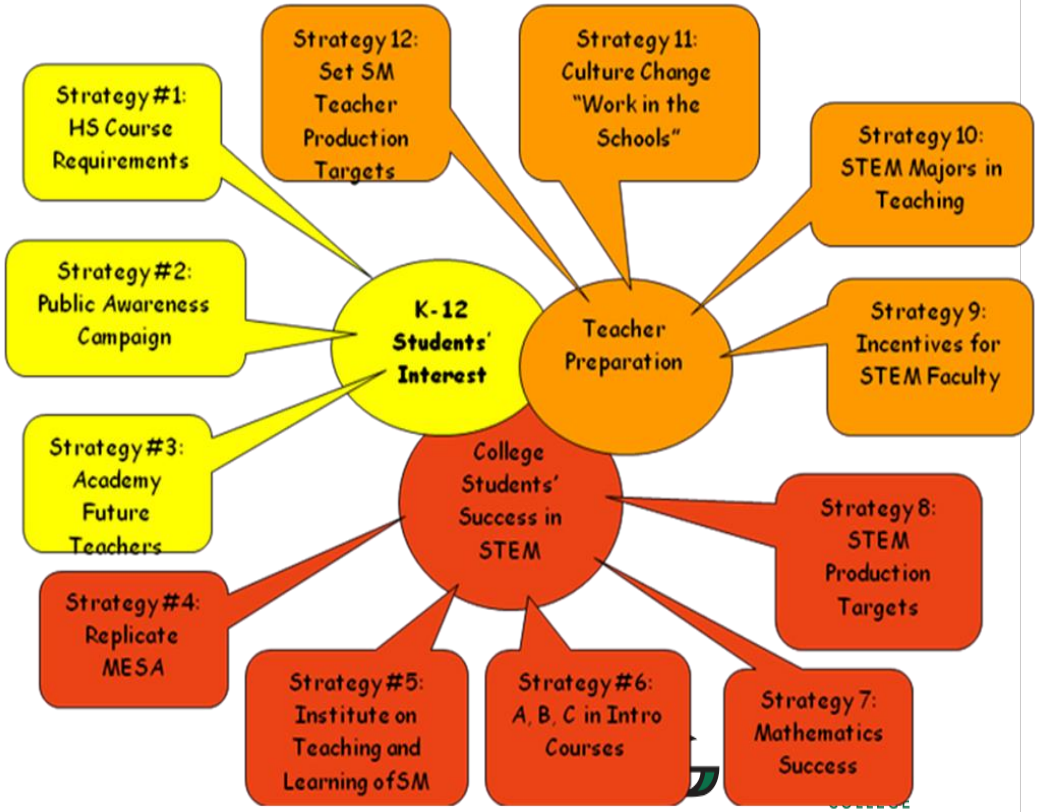
GAME CHANGING

Georgia Gwinnett College
School of Science & Technology

Networking History

- STEM Initiative I
  - Twelve strategies
  - Eleven institutions
  - Regular meetings in Macon



Networking History

- STEM Initiative II
  - Based on successes of STEM Initiative I
    - Structured Mini-Grant Program
    - Service Learning Component
    - Institution-Specific Strategies
  - Eight institutions
  - GA Scholarship of STEM Teaching and Learning Conference
  - Annual meetings

- Successful STEM Initiative I & II
- New Phase: STEM Education Improvement Plan

- Recommendation: Need for networking, sharing information and building communities of practice

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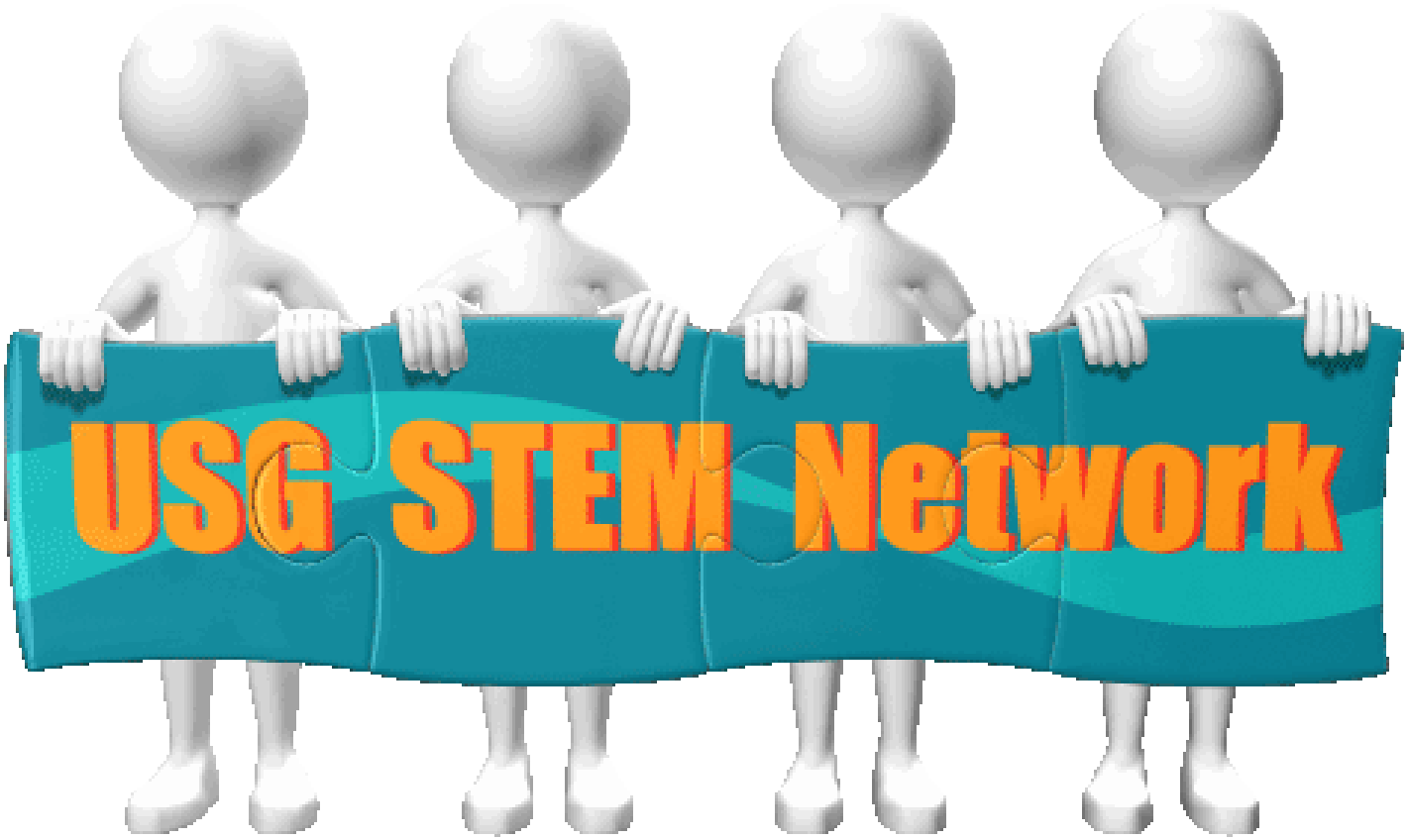
Georgia STEM Network??

- Led by BOR
  - NSF RCN-UBE
    - Improve success in undergraduate STEM education
      - introductory gateway courses
    - Recruit all USG institutions
    - Provide faculty development opportunities via annual summer institutes
    - Sustain post-institute networking activities via Communities of Practice
    - Conduct a comprehensive assessment of the short- and long-term impacts of the project

Moving Forward

- **USG STEM Summit**
  - Share best practices
  - Focus on Networking
  - Build Communities of Practices (CoP) and Virtual Communities of Practice (VCoP)
  - All USG institutions to play an active role
  - Gather data and conduct a comprehensive assessment of our network

Moving Forward



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