



## Learning in a Global Age - Preparing Students to be Global Citizens in a Flat World

### Summit Working Group Top Recommendations

#### Working Group #1: Increasing Student Interest and Awareness in STEM Careers

Establish a comprehensive, integrated infrastructure that supports an environment that inspires K-12, parent, children, and community involvement by leveraging existing programs and the development of new programs with the focus in STEM.

Emphasizing the following:

- Parent Awareness and support
- Community organizations and business
- Develop a rallying focus (e.g., Space Race of the 21<sup>st</sup> century)
- Use technology as a delivery system

#### Working Group #2: Innovation in K-12 Science and Math Teaching and Learning

Implement more problem-based learning. For example, students problem solve hot to improve transportation issues in a city.

Improve K-8 teacher understanding of the relationship of science to the real-world.

Get businesses to promote and support the visits of role models to schools to market STEM careers—and to help teach the curriculum; give the employees release time to do this – make it a part of their job description.

#### Working Group #3: Developing Skills for the 21<sup>st</sup> Century Workplace

1. Investigate what works and share/replicate with consideration of demographics.
2. Encourage and recognize success in 21<sup>st</sup> century skills.

#### Working Group #4: Leveraging Emerging Technologies for Collaborative Learning

Leverage existing technology—tablet PCs, web forums, etc. Implement these; teach the teachers.

#### Working Group #5: New Economic Realities for Tomorrow's Global Citizens

With a Can Do attitude, provide opportunities for students in grades 4 through 12 to raise money by helping them create a business enterprise for a charity or for profit with mentoring, internships, virtual enterprise simulations and micro-loans. The business will be planned, financed, and executed by the students.

