WORLD VIEW GLOBAL EDUCATION SYMPOSIUM – FALL, 2009

21st CENTURY SKILLS FOR THE GLOBAL ECONOMY

WORLD VIEW- An International Program for Educators- The University of North Carolina at Chapel Hill
WHO’S HELPING EDUCATORS FIND THE SOLUTION?

Yong Zhao is University Distinguished Professor at the College of Education, Michigan State University, where he also serves as the founding director of the Center for Teaching and Technology, executive director of the Confucius Institute, as well as the US-China Center for Research on Educational Excellence.

Peter Brews is Professor of Entrepreneurship of UNC’s Kenan-Flagler Business School. He leads its OneMBA Program, the innovative global executive MBA program offered in partnership with top schools in Asia, Europe, and Latin America.
ZHAO’S CONTENTIONS

America’s creativity has kept her globally competitive. The generation educated in 1964 lead the WORLD in the number of patents per million people in 2004 – 326 vs. 127.

Not everything that can be counted counts, and not everything that counts can be counted – Albert Einstein

Japan, Korea, Singapore, China, and Europe are “throwing out” the concept of “testing” and “rankings.”

Children are popcorn. As is currently happening in China, forbid district or state rankings. Instead, value individual talent, tolerate deviation, have faith in each child, give second, third, and fourth chances.
Catching Up or Leading the Way
American Education in the Age of Globalization
Yong Zhao
Jefferson told us where to look to see if a nation is a success. He did not say to look at test scores. Instead, he said to look at life, liberty, and the pursuit of happiness.

KEITH BAKER, 2007
INTERPRETATION USING THE FRAMEWORK FOR 21st CENTURY LEARNING

LIFE
Flexibility and Adaptability, Initiative & Self-Direction, Social & Cross-Cultural Skills, Productivity & Accountability, Leadership & Responsibility

LIBERTY
Civic Literacy, Information and Media Literacy, ICT Literacy, Financial Literacy, Health Literacy, Core Subject Literacy

PURSUIT OF HAPPINESS
Creativity and Innovation Skills, Critical Thinking and Problem Solving Skills, Communication and Collaboration Skills

http://www.youtube.com/watch?v=xs_–77afyhk
PETER BREWS
EXAMPLES OF WHY 21st CENTURY SKILLS ARE SO IMPORTANT
CONTENSIONS
FIRST, SPEAK THE TRUTH

US in an economic crisis; We are out-of-balance publically and privately. Our core industries (banking, Automobiles, construction, and retail) are in trouble, and Our institutions (medical, educational, military) face serious funding issues.

Americans are responsible for 20% of global consumption. 300 million cannot economically drive 6.7 billion. We are in debt to China, Japan, Saudi Arabia, and our own Social Security/Medicare fund.

Party on, Dude, must give way to “Tighten your belt.”
AN EXAMPLE ASSOCIATED WITH BASIC SURVIVAL
THE STERN REPORT

http://www.youtube.com/watch?v=G Ez_VvwaXWY
CONTENTIONS
FIRST, SPEAK THE TRUTH

Inaction over the coming decades could create risks of major economic/social disruption, on scale of the great wars and economic depression of the 20th Century.

Irreversible, folks!

Climate change could cause < of 5% of global GDP each year, now and forever – up to < of 20%. Yet, the current costs for action can be limited to < 1%.

To remain economically viable in this age, America must exhibit innovation in products, Services, solutions, and processes. Emphasis should be placed on high tech, biotech, nanotech, IT networking, personalized medicine, and clean energy.
What must educators do?
• Prepare American human capital for knowledge intensive, creative work, so we can innovate at a rate faster than others can replicate; high level math and science skills are table stakes

• Deferred gratification must be instilled in students so they make the educational investment and learn how to THINK, problem solve, research, imagine, create, connect dots etc.

• My contract with my children...

• Universities and Community Colleges must develop curricula that prepare workers for 21st Century, high value creative work, or for work with smart machines delivering smart goods, services, or solutions
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http://www.unc.edu/world/2009Symposium/articlesreadingsstudyguidesymp09.htm

http://www.youtube.com/watch?v=ykq6XSO0c0M

http://www.unc.edu/world/2009Symposium.htm

http://www.strengthsmovement.com

http://www.ted.com/talks/lang/eng/ken_robinson_says_schools_killCreativity.html

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