

21st Century Learning in Vermont: Providing the Opportunity to Learn

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Discussion Points

1. National and state crisis
 - Impact on GNP: -20%
 - Student alienation, low performance
 - Confusion of goals and means; testing era
 - Low innovation; inflexibility of political solutions
 - Disempowerment of teachers
2. The 21st century schooling paradigm
 - Tools-based, flexible pedagogy based on 4 C's
 - Enhanced student engagement, responsibility and performance
 - Powerful and evolving digital tools
 - School autonomy from state, feds for success
 - Prepare for the 21st century economy
3. Benefits
 - Economic benefits:
 - Lower cost, higher teacher compensation
 - GDP growth
 - Entrepreneurism
 - Business-friendly
 - Projected reduced societal costs
 - Quality of life, personal benefits
 - Fewer dropouts, improved self-esteem, more opportunity
 - Well-informed citizens
 - Benefits to leaders
4. Phases:
 - Study
 - Pilot schools
 - Pilot district
 - Pilot district group
 - Start state rollout



*Planning and Integrating
Technology-based Education Solutions*

Vita

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Hugh Osborn is Senior Director and Learning Architect for Knowledge Network Solutions and is based in New Rochelle, NY. KNS, headquartered in Raleigh, NC, develops technology-based educational projects and provides planning services and professional development to help transform schools to a student-centered, 21st century model. Hugh is a Windows in the Classroom Advisor and delivers seminars on Transforming Teaching and Learning in schools and colleges around the U.S.

Hugh both handles client relations for KNS and is a primary architect of GEM-T, the global education model for school transformation that KNS is developing with Duke University. GEM-T integrates Duke's proven "gifted for all" pedagogy with KNS' services into a highly flexible schooling paradigm that synthesizes technology, 21st century skills, creativity and deep academic learning.

Previously, Hugh was a Senior Director at 21st Century Solutions, a non-profit working with Duke University on advanced educational models. He also headed up all large-scale knowledge-based projects at Beehive Media in Boston and was a Fellow at Teachers College, Columbia University, investigating technology and innovation in American education.

Hugh has 20 years' experience developing advanced educational technology projects. He was project manager of IBM's \$6 million "Columbus" project produced by Synapse Technologies; was Director of the New Media Group at WNET-13, New York; created "Nature Interactive: Serengeti," a virtual visit to the wilds of Africa; designed "Sustainable Cities" for Dubai World's 2007 Global Design Forum; a was a partner at marchFIRST, a 10,000-person Internet strategy, branding and development company; and was an e-learning and Internet consultant working with IBM, ATT, Philips, the Bank Street College of Education and many other blue-chip organizations.

Hugh has published articles on education in The Los Angeles Times, USA Today, Edutopia, The New York Times (letter), Innovate! (peer-reviewed journal), The Huffington Post and other publications and has given dozens of speeches on education.

Hugh also teaches at Amani Public Charter School in Mount Vernon, NY. He has a BA with distinction from Swarthmore College.