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## 21<sup>st</sup> C E N T U R Y S K I L L S

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### Resource Pak

To ensure that all students will demonstrate the knowledge and skills needed to thrive in a 21<sup>st</sup> Century global community as measured by national benchmarks, the Capital Region Joint Management Team and its 93 component school districts are engaged in intensive, collaborative action to create educational environments that address attainment of those skills and knowledge.

Below is a list of resources you may use during the various stages of your own Call to Action efforts.

### Stages of the Call to Action Initiative

**Awareness** – the realization that the knowledge, skills, and abilities required by employers today are different than they were in the past.

**Understanding** – to grasp the implications of what today’s workplace requirements mean for students – to agree that students today need a different type of education to ensure they have the necessary knowledge, skills, and abilities by the time they leave the educational setting.

**Implementation and Evaluation** – carry out plans to ensure educators impart and students receive the knowledge, skills, and abilities required by modern employers; and measure that system for quality, efficiency, and results.

**System Actualization** – the newly established systems are working in partnership with one another and producing the desired results.

## **Resources** (this list is just a sample, not inclusive of all that is in practice):

### **Awareness**

- “The World is Flat,” Thomas Friedman
- “It’s a Flat World Afterall,” summary article by Thomas Friedman
- A Whole New Mind by Daniel Pink
- Tom Rogers, New York State Council of School Superintendents
- Battelle for Kids, “Survive or Thrive, Education in a Flat World” Flat Pack
- Microsoft 21<sup>st</sup> Century Skills CD
- Model Skills 2007 Case Study Manual
- Learning by Doing by Richard DuFour
- Workforce 2020: Work and Workers in the 21<sup>st</sup> Century by Richard W. Judy, Carol D’Amico, & Gary L. Gepiel.
- Our Iceberg is Melting by John Kotter
- One-Third of the Nation: Rising Dropout Rates and Declining Opportunities, report by Paul E. Barton.
- Failure is NOT an Option: Six Principles that Guide Student Achievement in High Performing Schools by Allen Blankstein
- Speaker: Thomas Rogers, Exec. Director of the New York State Council of School Superintendents
- “Survive or Thrive, Education in a Flat World” Flat Pack produced by Battelle for Kids.

### **Understanding**

- Call to Action JMT Leadership Team Model
- Failure is NOT an Option: Six Principles That Guide Student Achievement in High Performing Schools” by Allen Blankstein,
- New Directions in Special Education: Eliminating Ableism in Policy and Practice by Thomas Hehir
- Work on various events related to CTA initiative
- Board of Education goals are aligned with CTA initiative



## Implementation

- Grant funding for 21<sup>st</sup> Century skill development
- Tech Valley High School
- “High Schools That Work”
- “Value-Added Growth Model” (SAS metric, Bill Sanders, and the Battelle for Kids Professional Development Training)
- Project Based Learning Handbook: A Guide to Standards-Focused Project Based Learning for Middle and High School Teachers by: Thom Markham, John Mergendoller, John Larmer and Jason Ravitz
- Scholastic Read 180: Reading Intervention Program, [www.scholastic.com/READ180](http://www.scholastic.com/READ180)
- Classroom Motivation from A to Z: How To Engage Your Students in Learning, by Barbara Blackburn, released by Eye on Education
- Study Guide: Classroom Motivation from A to Z by Barbara Blackburn, released by Eye on Education
- Motivating Students, Discipline Associates, Rochester, NY
- “Classroom Assessment for Student Learning: Doing it Right-Using it Well”
- Richard J. Stiggins, Judith A. Arter, Jan Chappuis, and Stephen Chappuis
- National Essential Skills Study (NESS) 2006, International Center for Leadership in Education, Willard Daggett
- A Comprehensive Process for Improving Student Performance by Willard Daggett
- International Center for Leadership In Education,
- Data collection linking CTA initiative to measurable outcomes in BOCES programs
- Co-location of CTE and Post Secondary Education for programming
- Bookmark addressing Five Areas of Concern are being distributed to various groups (promoting Awareness to others), Questar III BOCES

## **System Actualization**

- Regional Professional Learning Communities that electronically share best practices.
- New York State United Teachers (NYSUT)
- Regional Project Based Learning
- Sharing of best practices regionally
- Increased collaboration