

Professional Development for 21st Century Skills

The Instructional Resources Service is committed to designing professional development that will meet your students', teachers' and administrators' needs for the teaching and learning of 21st Century Skills.

From "[The Partnership for 21st Century Skills](http://www.21stcenturyskills.org/route21)": "The Partnership created the Framework for 21st Century Learning, which describes the skills, knowledge and expertise students must master to succeed in work and life. Only when a school or district combines the framework with 21st century professional development, assessments and standards, can the American public be sure that high school graduates are prepared to thrive in today's global economy." (<http://www.21stcenturyskills.org/route21>)

Core Subjects and 21st Century Themes

Mastery of core subjects and 21st century themes is essential for students in the 21st century. Core subjects include English, reading or language arts, world languages, arts, mathematics, economics, science, geography, history, government and civics...weaving 21st century interdisciplinary themes into core subjects:

- Global Awareness
- Financial, Economic, Business & Entrepreneurial Literacy
- Civic Literacy
- Health Literacy

Learning and Innovation Skills

Learning and innovation skills are what separate students who are prepared for increasingly complex life and work environments in the 21st century and those who are not. They include:

- Creativity and Innovation
- Critical Thinking and Problem Solving
- Communication and Collaboration

Information, Media and Technology Skills

People in the 21st century live in a technology and media-driven environment, marked by access to an abundance of information, rapid changes in technology tools and the ability to collaborate and make individual contributions...To be effective in the 21st century, citizens and workers must be able to exhibit a range of functional and critical thinking skills:

- Information Literacy
- Media Literacy
- ICT (Information, Communications & Technology) Literacy

Life and Career Skills

Today's life and work environments require far more than thinking skills and content knowledge. The ability to navigate the complex life and work environments in the globally competitive information age requires students to pay rigorous attention to developing adequate life and career skills:

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

SCHOOL
SUPPORT
SERVICES
DIVISION

Inside this issue:

Leadership	2
Across the Curriculum	4
ELA	5
Arts	6
Assistive Technology	6
Data Analysis	6
Events by Month	7

In the fall we will begin to use the key below to guide you to how our professional development opportunities address the 21st Century Skills:

- Key: **C** = Core Subjects and 21st Century Themes
I = Learning and Innovation Skills
T = Information, Media and Technology Skills
L = Life and Career Skills

Unless otherwise noted, register through MyLearningPlan. To download full brochures and link to MyLearningPlan registration, please go to our website: <http://www.bocesinstructionalresources.org/IRS/events.htm>

Leadership, cont.

THE GET TO GREAT PROGRAM

The program is offered by The Rensselaerville Institute, called by the Wall Street Journal "the think tank with muddy boots," and the Capital Region BOCES. Les Loomis, former Bethlehem Central superintendent and NYSCOSS President, and Hal Williams, Senior Fellow at the Institute, are the consultants.

- A year long Results Leadership program for superintendents and their teams, designed to take good school districts to great results.
- Results leadership tools with immediate application and learning through in-district prototype projects.
- Engagement and support of boards of education and teacher association leaders for district-wide implementation.
- Three on-site consultant visits and scheduled weekly email and phone call support.
- Two 2-day seminars for participating leadership teams at the Rensselaerville Meeting Center and two other electronic "webinar" conferences.

Fee: \$9,500 (9,000 for returning districts.)
 Register: Contact Sharon Siegel, ssiegel@gw.neric.org, 464-3929

SCHOOL LEADER PRACTITIONER PROFESSIONAL DEVELOPMENT PROGRAM (PRINCIPALS' GUILD)

The Principals' Guild coordinated by The Institute for New Era Educational Leadership and Innovation at The College of Saint Rose, will be scheduled as a seminar series for the 2009-2010 school year. The seminar series will be lead by James Butterworth and Rebecca Gardner.

This seminar series will explore the elements that must be considered as educational leaders work to construct and maintain outstanding instructional programs in elementary and secondary school settings. The quality of the school's instructional program is a critical determinant in every student's school success. For pupils to realize their potential as learners, they must have access to rich curriculum delivered through high quality instruction in a learning environment that supports student and teacher efforts.

All schools need teachers who have the content knowledge, instructional skill and personal motivation to ensure the success of every student. To assist teachers in their efforts to guide learning, school leaders must cultivate professional cultures which support teacher growth and provide access to research-based instructional strategies tailored to the needs of individual learners. This 2009-2010 seminar series will examine these key instructional components in depth and provide participants with practical approaches to translate research into daily school practice for the benefit of all students.

Dates: September 11, September 25, October 9, October 23, November 6, November 20, 2009; January 8, January 22, February 5, February 12, March 5, March 19, 2010
 Time: 7:30 AM - 10:00 AM
 Instructors: James Butterworth and Rebecca Gardner
 Location: The College of Saint Rose
 Fee: \$575 per participant

SCHOOL LEADER MENTORING PROFESSIONAL DEVELOPMENT PROGRAM

This program is specifically designed to provide quality executive coaching, i.e. one-to-one professional development, for principals and assistant principals. Mentors are selected and assigned in collaboration with participating districts. All mentors are required to participate in three full day professional development workshops. The workshops are conducted by The College of Saint Rose faculty. The minimum number of mentoring days is ten. Additional mentoring days may be added in blocks of 5 days for a maximum of 50 days total. The initial program includes the on-going Professional Development for mentors. Therefore, the additional 5 days blocks are less costly.

Cost: 10 day mentoring program: \$7,800; 5 day additional mentoring block: \$2,650
 Please register with Sharon Siegel, ssiegel@gw.neric.org, 464-3929
 Deadline for registration is September 1, 2009.

Contact John Falco, Director of the Institute for New Era Educational Leadership and Innovation at the College of St. Rose, (518) 454-2078 or falcoj@strose.edu for questions about the programs.

Across the Curriculum

TECH VALLEY HIGH SCHOOL SUMMER INSTITUTE: THE FUTURE OF EDUCATION

Please go to the website for more details: <http://www.bocesinstructionalresources.org/IRS/events.htm>

Date: August 11, 2009
Time: 8:00 AM- 3:30 PM
Location: Union College
Fee: \$100 per person; \$75 per person with teams of 3 or more

LEADING EDGE: INSPIRED TO TEACH, EAGER TO LEARN, Level I, EBD™/SPEC™ Institute

In the Level I Institute, educators explore the **Education By Design™/SPEC™** classroom model. This intense, highly interactive staff development workshop immerses participants in a coherent approach to teaching and learning that is **Student-centered, Problem-based, Experiential and Collaborative.**

This Level I institute is delivered in a **3-3 format**. Participants get three initial days of instruction (Part A) that prepares them to return to their classroom for one or two months of experimentation and implementation of the model as a novice. Participants then return for three more days (Part B) of follow-up reflection, feedback, and instruction that builds on their experience with this approach.

Dates: Part A – Mon-Wed, August 17, 18, 19, 2009; Part B – Mon-Wed, November 2, 3, 4, 2009
Time: 8:30 AM- 3:00 PM
Instructor: FACILITATORS for the Institute will be consultants from *Leading Edge*
Location: Capital Region BOCES, 900 Watervliet-Shaker Road
Fee: \$1, 025 (includes instruction & materials) (need a minimum of 15 participants)

THE PEACEFUL SCHOOL BUS PROGRAM

Capital Region BOCES is pleased to announce The Peaceful School Bus Program with author Jim Dillon, principal of Lynnwood Elementary in Guilderland, NY. Bullying on the school bus is a significant problem with damaging and far-reaching effects- even into the classroom. Using the principle that everyone has a responsibility to end bullying, the Peaceful School Bus Program brings together administrators, teachers, bus drivers, parents and students to discuss the dynamics of school bus bullying and its solution. This program offers different, proactive strategies to creating safety and security on the bus which will then carry over into the school building. This training is appropriate for teachers, social workers and administrators interested in utilizing the strategies of this program as well as schools that are already implementing the program. Teams from buildings are encouraged to attend. Although this program is implemented by school personnel, transportation personnel might be interested in hearing about it.

Date: July 22, 2009
Time: 8:30 AM- 1:00 PM
Location: Capital Region BOCES, 900 Watervliet-Shaker Road, Colonie
Fee: \$50 (minimum 20 participants)

ELA

The Capital Region BOCES, in collaboration with the Guilderland School District is honored to bring to our area educators the **9th Annual Summer Institute on Reading** and the **12th Annual Summer Institute on Writing**. Both Institutes will immerse teachers in the processes of reading and of writing. This years' presenters are nationally recognized authors and educators of the latest thinking in the fields of reading and of writing. We are looking forward to a rich exchange of best practices and ideas during this years' Institutes. Historically, these Institutes have influenced many teachers over the years by putting practitioners in direct contact with teacher/researchers, and this year is a continuation of this focus. Participants will be engaging with the same presenter for all breakout sessions for the three days.

Please go to the website for more details: <http://www.bocesinstructionalresources.org/IRS/events.htm>

9TH ANNUAL SUMMER READING INSTITUTE: The Bridge that Connects all Readers

Featuring Dr. Richard Allington, Peter Johnston, Jeanne Tribuzzi, Michael Sullivan, Anne McGill-Frazen, Center on English Learning & Achievement (CELA)

Date: July 14-16, 2009
Time: 8:00 AM - 3:15 PM
Location: Guilderland High School

12TH ANNUAL SUMMER WRITING INSTITUTE: The Bridge that Connects all Writers

Featuring Leah Mermelstein, Kelly Gallagher, Carl Anderson, Capital District Writing Project

Date: August 4-6, 2009
Time: 8:00 AM - 3:15 PM
Location: Guilderland High School

FOUNTAS & PINNELL LEVELED LITERACY INTERVENTION TRAINING

Capital Region BOCES is pleased to announce a training for the newly released, research-based Fountas & Pinnell Leveled Literacy Intervention (LLI). The LLI is a supplemental early intervention for small-groups of one to three students, designed for young children who struggle with reading and writing. LLI will meet requirements for RTI as it is intended to accelerate literacy development to bring children up to grade-level performance in as little as 18-24 weeks. LLI small groups meet daily for 30 minutes and are in addition to regular classroom instruction. The Fountas & Pinnell Leveled Literacy Intervention is designed to be used as part of a school-based intervention plan and/or RTI plan for grades K-3.

Date: Wednesday, July 8, 2009 and Thursday, July 9, 2009 and one day in Sept. 2009
Time: 8:30 AM - 4:00 PM
Location: Capital Region BOCES, 900 Watervliet-Shaker Road, Colonie
Fee: \$325 per person- minimum of 25 participants and a maximum of 30 participants

WILSON LANGUAGE TRAINING FOUNDATIONS (INTRO AND LEVEL 1)

Wilson Foundations for K-3 is a phonological/phonemic awareness, phonics and spelling program for the classroom. Foundations is based upon the Wilson Reading System principles and serves as a prevention program to help reduce reading and spelling failure. The Wilson Language organization recommends Foundations as part of a total literacy solution, including a literature-based language arts program and a Wilson Reading System intervention and intensive program, as needed. Foundations provides children of varying learning abilities with a foundation for reading and spelling. It provides teachers with the skills and tools needed to present a structured, sequential, and cumulative phonics/spelling program using multisensory teaching techniques.

Date: August 27, 2009
Time: 8:30 AM- 3:00 PM
Location: Capital Region BOCES, 900 Watervliet-Shaker Road, Colonie
Fee: \$70 per person (need a minimum of 20 participants)

WILSON LANGUAGE TRAINING THREE-DAY INTERVENTION

This 15-hour workshop provides the practice and guidance needed to effectively begin implementing the Wilson Reading System in the Intervention Model setting. The Intervention Model targets students beyond grade two who are reading or spelling below grade level and is implemented in small groups and reading classes in the general education classroom. A Wilson Trainer describes general program concepts and provides instruction in the lesson plan format. This workshop is a prerequisite to Level I training and beyond.

Dates: August 24-26, 2009
Time: 8:30 AM- 3:00 PM
Location: Capital Region BOCES, 900 Watervliet-Shaker Road, Colonie
Fee: \$275 without starter kit *(additional \$164 - \$149 plus \$15 shipping/handling for starter kit-optional)

Data Analysis

SUMMER ASSESSMENT INSTITUTE: ASSESS TO INFORM AND TRANSFORM TEACHING AND LEARNING

The 2nd Annual Summer Data Institute where data analysts will assist district teams in developing assessment projects through:

- developing awareness and understanding of Learning and Thinking Skills,
- learning how to develop assessments measuring these skills, and
- understanding how these assessments can transform teaching and learning.

Dates: July 29, 30, 31, 2009
 Location: Mechanicville MS
 Register: WSWHE BOCES Data Analysis Service,
 ATTENTION: Rose Bain, Phone: 518-581-3741; Email: daspd@wswhiboces.org
 Registration deadline is June 17

Arts & Enrichment

ARTISTIC RENEWAL FOR ART TEACHERS: ART MAKING AND TECHNOLOGY FOR YOU AND YOUR STUDENTS

Developed especially for art teachers, this retreat will allow the participants to immerse themselves in their artwork, either traditional or digital medium, share in group critiques and then look at ways to strengthen the activity for the classroom.

New Dates: July 6, 7, 8, 9, 2009 (Mon – Thurs)
New Location: [Wiawaka Holiday House](#)
 Time: 10am Monday thru 3pm Thursday (inc. meals, lodging and materials)
 Cost: \$330/45 hrs
 Registration Code: 2892: Please register with the Greater Capital Region Teacher Center

Assistive Technology

LOCAL ASSISTIVE TECHNOLOGY SPECIALIST CERTIFICATE PROGRAM (LATS)

The LATS Professional Development program certifies you have acquired the competencies necessary to provide appropriate Assistive Technology Services to students with disabilities including:

- Participate and guide IEP / 504 teams in the decision making process and appropriately consider students for their assistive technology needs, resolve computer access issues, and reduce potential for costly hearings and litigation
- Locate and use available local, state and national resources to assist with facilitation
- Implement selected assistive technology devices and software within the curriculum
- Over time, apply learned skills to assess student needs and provide a range of assistive technology services in general and special education classrooms

For More Information, Please Contact: David Grapka Dgrapka@gw.neric.org (518) 464-3979

Dates: July 20, 2009 – July 24, 2009
 Time: 8:30 AM- 4:00 PM
 Instructor: David Grapka, Staff Development Coordinator, Capital Region BOCES; Lorianne Hoenninger (Accessible Learning); Jodi Mishkin (Jericho Union Free School District); Dr. Joel Mittler (CW Post University)
 Location: Jericho Middle School, 99 Cedar Swamp Road, Jericho, NY 11753
 Fee: \$475, Includes all training materials, Certificate of Attendance, LATS Certificate, 3.5 Continuing Education Units (CEUs)
 Audience: Special Educators & Related Service Personnel

Library Services

GROWING INTO INQUIRY

This two day workshop requires three things from participants: 1. Plan to attend both days; 2. Plan to attend as a team - librarian and teacher partnerships; 3. Bring with you a lesson or unit that you wish to further develop.

With the Capital Region BOCES Regional Information Inquiry Curriculum as a platform, teacher-librarian partners will collaboratively review the inquiry process, explore the dynamics of guided inquiry, and reconsider the role of the learner in questioning, constructing, and creating new understandings. Starting with content curriculum, existing resource based units, and collaborative practice, teachers and school library media specialists will transform traditional information problem solving plans to incorporate the 21st Century Skills of inquiry learning. New learning will help participants to GROW INTO INQUIRY and reap the rewards of motivated, engaged, thinking learners.

Dates: July 28 – 29, 2009
Time: Tuesday, 8:30 AM- 4:00 PM; Wednesday, 8:30 AM- 3:30 PM
Instructor: Linda Fox, Program Manager for Library Services
Location: Capital Region BOCES, 900 Watervliet-Shaker Road
Fee: \$50 per person (Lunch included)

Registration is online at <http://www.crbsls.org/events/register.html>

ASSESSMENT FOR INQUIRY

This two day workshop requires three things from participants: 1. Plan to attend both days; 2. Plan to attend as a team - librarian and teacher partnerships; 3. Bring with you a lesson or unit for which you wish to develop assessments

Day 1- Mr. Kim Loucks from Onondaga-Cortland-Madison BOCES will address the group on the topic of Assessment for Inquiry. This session will examine what assessment really is and the wide variety of ways to get the "big picture" on how well students are learning and performing. The theme of the day will be to explore the concept of assessment as an ongoing collaborative process between librarians and classroom teachers. The work of Violet Harada and Allison Zmuda will be incorporated into the ever increasing body of work on assessment.

Day 2 - Bring your own inquiry based units and lessons and work with Mary Ratzer on building or modifying assessments for the work. How are your students doing? Do they exhibit deep understanding of the content as well as the process? How do you know? Participants are asked to come in teams - teachers and library media specialists together! Prerequisite - Growing Into Inquiry - participants should have attended at least one Growing Into Inquiry workshop.

Dates: August 3 – 4, 2009
Time: Monday, 8:30 AM- 3:30 PM; Tuesday, 8:30 AM- 4:00 PM
Instructors: Kim Loucks, Onondaga-Cortland-Madison BOCES, Mary Ratzer
Location: Capital Region BOCES, 900 Watervliet-Shaker Road
Fee: \$50 per person (Lunch included)

Registration is online at <http://www.crbsls.org/events/register.html>

CURRICULUM FOR 21ST CENTURY INQUIRY - DESIGN FOR EARLY LEARNING

Since 2006 librarians and teachers have been working with a regionally developed information literacy curriculum. This document will be edited and adapted to primary and intermediate learners. Does Inquiry work with little ones? Absolutely! Learn to tap into the natural curiosity of young learners and begin building skills that will serve them for a lifetime of learning! Mary Ratzer and Linda Fox will facilitate this two day workshop. The goal at the end of day 2 is to have developed appropriate language and processes for implementation of information literacy skills at the elementary level. We especially encourage middle school and high school librarians to participate. What skills do you need to see when students arrive on your doorstep? We'll need your input!

Dates: July 28 – 29, 2009
Time: Monday, 8:30 AM- 4:00 PM; Tuesday, 8:30 AM- 3:00 PM
Instructors: Mary Ratzer, Linda Fox, Program Manager for Library Services
Location: Capital Region BOCES, 900 Watervliet-Shaker Road
Fee: No cost (Bring your own lunch)

Registration is online at <http://www.crbsls.org/events/register.html>

Events by Month

JULY

Summer Institute And Art Making Retreat

July 6-9, 2009 Register with the Greater Capital Region
Teacher Center

Leveled Literacy Intervention Training

July Session, July 8-9, 2009

9th Annual Summer Reading Institute

July 14-16, 2009

Local Assistive Technology Specialist Certificate Program

July 20-24, 2009

Developing Professional Learning Communities through the use of Critical Friends Group Protocols

July 21, 22, 23 2009 and Nov. 5, 6 2009

The Peaceful School Bus Program

July 22, 2009

Summer Assessment Institute: Assess to Inform and Transform Teaching and Learning

July 29, 30, 31, 2009

National Staff Development Council Coaches Academy

July 27, 28, 29; October 22, 23, 2009

Capital Region Staff Developer Academy

Session One: July 30, 31, 2009

AUGUST

12th Annual Summer Writing Institute

August 4-6, 2009

Tech Valley High School Summer Institute: The Future of Education

August 11, 2009

Leading Edge: Inspired to Teach, Eager to Learn, Level I, EBD™/SPEC™ Institute

Part A – August 17, 18, 19, 2009

Part B – November 2, 3, 4, 2009

Wilson Language Training Foundations

August 27, 2009

Wilson Language Training Three-day Intervention

August 24-26, 2009

FALL 2009

Please go to the website for more details:

<http://www.bocesinstructionalresources.org/IRS/events.htm>

Resselaerville Institute: GET TO GREAT Workshops

School Leader Practitioner Professional Development Program (Principals' Guild)

School Leader Mentoring Professional Development Program

Wilson Language Training Level I Certification

September 2009 – June 2010

Wilson Language Training Level II - Advanced Strategies for MSL Instruction (Group Mastery Instruction)

Two one-day seminars: (Specific dates in the fall and location to be announced)

TESA : Teacher Expectations/Student Achievement

September 17, October 29, December 3, 2009;

January 21, March 11, April 29, 2010

Curriculum Mapping Academy

Oct. 2, Dec. 2, 2009; Jan. 21, Feb. 23 and April 20, 2010

Cooperative Learning

October 5-6, 2009

21st Century Skills for the Creative Classroom

September 25, 2009; March 4, 2010

Annual NYS Alternate Assessment Regional Training

September 29, 2009

Grade 5 Social Studies Exam Turnkey Training

October 16, 2009

Local Assistive Technology Specialist Certificate Program (LATS) October 19, 2009 – October 23, 2009

Schooling By Design - Bringing It All Together

December 2, 2009

Scoring Administration & Operations for Grades 3-8 ELA & Math December 4, 2009

ELA Grades 3-8 Scoring Leader Training

December 4, 2009

Grade 11 English Regents Scoring Training

December 7, 2009

Other Services

Instructional Resources Service has consultants and trainers available for in district workshops. Available topics include but are not limited to:

- Everyday Math-New Users
- Differentiated Instruction
- Early Literacy
- Shared Decision Making
- Peer Coaching
- Professional Learning Communities
- Classroom Coaching
- Leadership team training
- Reading- guided reading, running records, instruction of reading
- Teacher mentoring
- Literacy Across the Content Areas
- Strategic Planning
- Integrating writing throughout the curriculum
- Using technology in the writing process
- Writing Workshop
- Critical Friends Protocol
- Inquiry-based Instruction
- Understanding by Design
- Value Added analysis and training
- Co-Teaching—special and general education

CURRICULUM MAPPING PROFESSIONAL DEVELOPMENT

Curriculum Mapping is a procedure for collecting and maintaining a database of the operational curriculum in a school and/or district. Curriculum Mapping is a tool to address specific problems and assist with strengthening student learning. Workshops and on-site training can be customized to include the following topics:

- Overview of Curriculum Mapping
- Getting started with Curriculum Mapping
- Reviewing Current Maps
- Unwrapping the standards
- Effective uses of Curriculum Mapping
- Vertical & Horizontal Alignment of Maps
- Writing Essential Questions
- Using Maps to Identify Instructional Gaps

Assistance with facilitating the process of mapping with district groups is also available upon request.

Please contact Connie Miller for more information or to schedule an in-district workshop at cmiller@gw.neric.org or (518) 464-3982.

DATA ANALYSIS

- Using Data to Inform Instruction
- Assessment Literacy Training for Teachers and Administrators
- nySTART Training, Including Subgroup Performance Analysis
- Error Analysis to Uncover Common Mistakes On the State Assessments
- Root Cause Analysis
- Analyses of State and Other Assessments
- Workshops on How to Analyze and Interpret Data
- Assist in Developing Database Formats
- Survey Development, Analysis, and Reporting
- Focus Group Facilitation
- Develop Grant Evaluation Component as Required by Funding Agency

Please contact Kathleen Maxwell for more information at kmaxwell@gw.neric.org or (518) 464-3988.



CAPITAL REGION BOCES
900 WATERVLIET-SHAKER ROAD, SUITE 102
ALBANY, NY 12205

Unless otherwise noted, register through MyLearningPlan.

**To download full brochures and link to MyLearningPlan registration,
please go to our website: <http://www.bocesinstructionalresources.org/IRS/events.htm>**