Completed Workshops and Trainings

County Wide Conference (CWC) Day
The 2009 County Wide Conference Day took place on November 3, 2009. Overall, the event was well attended and well-received. Attached, please find a report detailing the number of participants per site, along with preliminary evaluation data from the MyLearningPlan.com survey.

An additional report is under construction that will provide session-specific feedback. Evaluation data will be utilized in conjunction with information obtained from upcoming communication with district Professional Development Teams to plan workshops for the balance of the 2009-2010 school year, as well as for planning the 2010 County Wide Conference Day.

*Please see the Arts in Education Report for information pertaining to the November 3rd Art Conference.

Differentiated Instruction and Thinking Maps Consultation – On November 5th, Denise Alterio, Sullivan County BOCES Staff Developer, and Jennifer Williams, Director of Sullivan County Teachers’ Center, met with teachers from the George Ross Mackenzie Elementary School in Eldred Central School District to provide ongoing support in the areas of differentiated instruction and Thinking Maps. The meetings provided a forum for addressing teachers’ specific questions, brainstorming ideas for classroom practice and reflecting/evaluating current application of strategies that were previously taught. A follow up session on creating differentiated instructional units is scheduled to take place on December 9th. The principles of backward design and project-based learning will be introduced during the training.

Introduction to Differentiated Instruction – On November 12th, Denise Alterio presented the final session in a three-part series of after-school workshops on Differentiated Instruction. Representatives from Monticello CSD, Eldred CSD and Sullivan County BOCES were in attendance. The final session focused on management techniques that support differentiated instruction.

Differentiated Instruction Strategies – Denise Alterio worked with elementary and secondary school teachers in Fallsburg CSD on November 18th as part of an ongoing professional development project to support the integrated co-teaching service and maximize student engagement and achievement. Individuals or teaching pairs signed up for sessions which followed various formats including: classroom observations and feedback; presentation of strategies for co-teaching, differentiating instruction and engaging learners; and ‘make-and-take’ resources. A follow up session with elementary school teachers is scheduled for December 3rd.

Effective Co-Teaching Partnerships – On November 18th, Denise Alterio, Sullivan County BOCES Staff Developer, and Jennifer Williams, Director of Sullivan County Teachers’ Center, co-taught the second of a three-part series of after-school workshops on co-teaching. The workshop included participants from the following districts: Sullivan West CSD, Monticello CSD and Fallsburg CSD. Workshop participants reviewed co-teaching models and explored foundations of effective co-teaching partnerships including communication skills and the establishment of professional rapport. The final session is scheduled for December 16th.

Respectfully submitted,
Denise Alterio
November 23, 2009
School Improvement Professional Development 09-10
(as of 12/04/09)

My Learning Plan & Non-My Learning Plan Events

<table>
<thead>
<tr>
<th>Area</th>
<th>Total</th>
</tr>
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<tbody>
<tr>
<td>Site Based Educational Planning</td>
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<td>District Based Education Planning</td>
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<tr>
<td>High School Graduation</td>
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<td>Data Management</td>
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<td>Integrating Technology into Curriculum &amp; Instruction</td>
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<td>Interdisciplinary Teaching</td>
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<td>Instructional Strategies</td>
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<td>Special Education Issues</td>
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<td>Leadership Training</td>
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<tr>
<td>Other</td>
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<td><strong>Total</strong></td>
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Counts By Discipline

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<tr>
<td>Teachers</td>
<td>705</td>
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<tr>
<td>Principals</td>
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</tr>
<tr>
<td>Paraprofessionals</td>
<td>121</td>
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<tr>
<td>Other</td>
<td>288</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>1,144</strong></td>
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</table>
S3TAIR Report
In February we will be completing two years of the S3TAIR grant (five year cycle). While I continue to solicit nominations from schools for best practice, we are moving forward to link up identified, validated and funded sites to serve at mentors to schools in need of improvement.

13 model (mentor) sites have been identified around the state, including one in our region (Chenango Forks School District).

During the month of November I was engaged in the following activities as part of my role as Regional Field Facilitator:
(1) Met with Laura Bliss-Lamb at Cooperstown Elementary to discuss their pending nomination,
(2) Meeting at the Delaware Chenango BOCES to discuss professional learning resources,
(3) Meetings with Chenango Forks to create a PowerPoint on their practice, and discuss next steps.
(4) Research on best practice
(5) Work with other RFFs around the state to develop tools for the project (such as evaluation forms, rubrics for site visits, etc...)
(6) Learning to use Elluminate 9.5 which will be the platform for the mentoring collaborative partnerships,
(7) Learn to use a Flip Camera so that I can begin to photo- document the best practices that have been identified.

Submitted by:
M.C.Moran, Regional Field Facilitator

Our Elementary School Counselor Grant staffs, Nicole, Ann Marie and Kristi, are teaching 1st thru 5th graders in Fallsburg, Monticello and Liberty--all about feelings and positive behavior. They deliver this message through a research-based program called PATHS – Promoting Alternative Thinking Strategies. Each week a new feeling and or skill is introduced. Children learn how to effectively deal with the myriad of feelings that they may encounter in the course of a day.

In October, 57 PATHS classes were delivered to grades 1-5 students.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Students Served</th>
</tr>
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<tr>
<td>1</td>
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</tr>
<tr>
<td>2</td>
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<td>3</td>
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<td>158</td>
</tr>
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<td>5</td>
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In November, 51 PATHS classes were delivered to grades 1 – 5 students.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Students Served</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>107</td>
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<tr>
<td>2</td>
<td>206</td>
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<tr>
<td>3</td>
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<tr>
<td>4</td>
<td>158</td>
</tr>
<tr>
<td>5</td>
<td>162</td>
</tr>
</tbody>
</table>

Tom Ellison coordinates our PBIS (Positive Behavioral Interventions and Supports) initiative. This program is also research based and highly effective when implemented with fidelity. Tom has provided training here at the BOCES administration building as well as in component school districts. Tom assists schools with collecting and analyzing data for better decision making in regards to student behaviors. When schools start analyzing behavior data, they often find out that a majority of referrals are bus related. A unique component of this initiative is that Tom takes the PBIS training right out to the bus drivers. He works to get everyone trained and on the same page in order to better assist students.

During the month of October, Tom made 25 visits to component school districts.

SE-TASC

Denise Shaffer, Ed.D., Director
Faith Dymond, Administrative Assistant
Sherry Eidel, Parent Educator
Laura Fisher, Parent Educator

Over the summer the staff of Parents for Parents met to engage in two brainstorming sessions that would assist in bringing families back to the program. The staff was encouraged to think “out of the box” and not be confined by “resources” to ensure that ALL possibilities could be explored. (It is not that our resources are limitless but our ability to dream can be!)

What transpired as the first meeting in September took place was a new energy among the staff that was quickly transferred to the participants. The students are participating in a newly devised reward system that has energized their willingness to come to the program and participate in the activities. The activities for them have been innovative and exciting, even for the adults who are assisting them.

The adults have also been encouraged to attend and are excited to be there. The adults are consistently attending this year which is an improvement over last year. The total increase is not substantial in adults from last year to this year but it is in the kids. The figures you are looking at are from September to November.
Parents for Parents meet on the first & third Tuesday of the month at the RPEC Educational Center. For more information contact Sherry Eidel at 295-4042 or Laura Fisher at 295-4040.

**SULLIVAN BOCES SCHOOL LIBRARY SYSTEM**

Lynn Miller, Director
Kristy Lee, School Library System Librarian
Patrick Killian, Library Multi-media Technician
Daniel Berens, Volunteer

**Accomplishments:**
The SLS staff and other BOCES employees did an outstanding job preparing for the County-Wide Conference Day. My compliments to Chrissy Klein for all her work in keeping everything organized and Dawn Boyes and her staff for providing nutritious, delicious food throughout the day. There were 10 different workshops held throughout the Rubin Pollack Education Center campus for the participants.

Our volunteer, Dan Berens, has almost completed drawing detailed maps for our member libraries. We are converting them into .jpeg computer files to be added to our OPAC. This will be an online assistant for students to use in locating books in the various libraries.

The director visited Tri-Valley Secondary twice during the month to consult on patron data loading and circulation.
In-Progress:

The books for the Mock Book Awards have arrived. The SLS staff processed these for use by our member schools. The final reading lists have been published for the participants to read before our gathering in January. This activity has been offered to school library staff in both systems to participate. The number wanting to get involved keeps growing.

Our Ensemble server and software was upgraded to troubleshoot a problem with freezing up. This issue seems to be resolved in our location but not with the BOCES DNS server. This work is ongoing to resolve the issue.

Ms. Lee has begun her presentations of library resources at the BOCES Special Education staff meeting.

ORANGE ULSTER BOCES SCHOOL LIBRARY SYSTEM

Lynn Miller, Director
Darren Lanspery, Lead Librarian
Gail Heaton, School Secretary
Janet Vaitas, Data Entry & Control Clerk
Pete Polarski, Computer Network Specialist
Lorrie Borisewich, Media Library Manager
Janet Vaitas, Data Entry & Control Clerk
Vivian Wong, Part-time Clerical

Accomplishments:

The County-Wide Conference Day for the School Library personnel was hosted at the Middletown High School. The beautifully, new Library Media Center, Auditorium and Cafeteria were fabulous facilities for the speakers and programs throughout the day. New York State Librarian, Bernard Margolis, spoke about his vision and plans for libraries across the state. He was followed by the Keynote, Barry Britt presenting the latest in copyright law with regarding to digital materials available on the Internet and specifically, students’ use of downloaded music. His presentation was engaging and informative for everyone. The afternoon mini-sessions provided the school library media specialists with a variety of topics to choose from. All the sessions were interesting and engaging and the feedback has been very positive. This day would not have come off so smoothly without the help of Gail Heaton and especially, Darren Lanspery.

The budget development for the three cosers was completed during the month. Many thanks are owed to Patty Mondelli in O-U and Keith Menges in Sullivan who were very patient in teaching me the budget process and how various accounts are utilized throughout the year.

The director visited Berea Elementary and Middletown High during the month to consult with library staff and building administrators.
School Library System:
- Continued rollout of Net Library, training session held at Marlboro and Port Jervis.

Automation:
- Enterprise upgraded, working on setup, few technical issues.
- Horizon software setup and on-site training scheduled for Washingtonville Elementary libraries

PRL:
- 30 book kit and one item cataloged and added to collection

Media Library:
- The second group of timely topics kits has been sent out to the elementary schools.
- All the laminating that had accumulated during the past two months was completed and delivered to their respective schools.
- Lori made all of the changes to our user files (additions, deletions and name changes) that I have gotten back from the schools. She will do any others as they come in.
- The CCC-New Dimension new streaming items have been added to WebMax and are accessible by our schools.
- The redesign of the Media Library bookmarks is done.

In-Progress:

The O-U BOCES Administration is continuing to pursue a possible merging of the two cosers for media. There are many elements that must be planned out before offering this to the districts. Partly, this fell right when BOCES begins the budget development of the cosers for next year. There are certain deadlines that must be met for the administration to develop and offer services to the schools.

As mentioned in a previous report, an outcome from a department meeting, was exploring the feasibility to using the BOCES courier to deliver not just Media Library materials but also Inter-Library Loans. Several O-U librarians have contacted the SLS office to inform us that they are not being allowed to mail items to requesting libraries within the O-U BOCES. Dr. Perry-DelCorvo has discussed the courier service with administration and exploration of cost-saving is continuing.

It is important that we create the bookmarks (quick reference for using WebMax) and distribute them as quickly as possible. Our contact people have been asking for them as they are anxious to give them out to all teachers, but particularly to their new staff. This is probably the most important way for them to find out that we exist and that they can use what we have to offer.

Vivian is working on taking the withdrawn circulating teacher guides out of binders and plastic sleeves. We still have to withdraw the masters of the guides from the file they are located in.
The audio books on disc need to be shifted to other shelving when time allows.

Tek-Data has made some of the changes that Lori suggested in the way that the WebMax search results are sorted and displayed. This continues to be a work in progress.

Lori and Janet added items to our inventory and in WebMax.

**November stats**

**Sullivan BOCES SLS:**

- Items the Learning Resource Center loaned out: 991
- YTD - Items the Learning Resource Center loaned out: 1,811
- Items the 20 schools loaned out for the month: 15,299
- YTD - Items the 20 schools loaned out: 47,946
- Items the schools added this month to their library collections: 1,036

**Orange-Ulster BOCES SLS:**

- Items the Professional Reference Library loaned out: 15
- YTD - Items the Professional Reference Library loaned out: 262
- Items the 85 schools loaned out for the month: 92,080
- YTD - Items the 85 schools loaned out: 291,765
- Items the schools added this month to their library collections: 3,923

- Items the Media Library loaned out for Oct/Nov: 1,293
- YTD – Items the Media Library loaned out: 1,714
- Digital videos accessed by schools for Oct/Nov: 1,486
- YTD - Digital videos accessed by schools: 2,855
- Items added to the Media Library collection: 238
The Teacher Center was happy to once again participate in the County Wide Conference Day. The event ran smoothly and area educators were offered quality professional development opportunities. Coordinating such an event is a large undertaking, and the Teacher Center was pleased to work with the BOCES Instructional Support Services to make the day successful.

In November, the Teacher Center with the support of Intel and NYIT, began offering the Intel Essentials Master Teacher training. Intel is paying for an instructor to teach this five-day program. The goal of the course is to help classroom teachers develop student-centered learning through technology integration and project-based approaches. Teachers will be prepared to return to district, implement the unit plans that they have developed, and then teach their peers. The model of having teachers learn information and then prepare them to go back and share with colleagues is a great way to ensure that professional development can be embedded successfully. I look forward to working with the participating districts in the follow-up of this project.

This past month, the Teacher Center began offering a follow-up program to the Building Brain Learning Power workshop that has been a popular summer workshop. The program, Building Brain Learning Power Best Practice Series, is designed to equip teachers with practical, relevant, learning activities that will enhance student learning. The five-class program is designed so that teachers will learn new strategies, integrate into instruction, and return to discuss classroom practice.

<table>
<thead>
<tr>
<th>Workshop Offered</th>
<th>Number Attended</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reflecting On &amp; Revising your District's PDP</td>
<td>20</td>
</tr>
<tr>
<td>Differentiated Instruction &amp; Thinking Maps</td>
<td>7</td>
</tr>
<tr>
<td>National Board Certification</td>
<td>4</td>
</tr>
<tr>
<td>The “Green” Comparator</td>
<td>5</td>
</tr>
<tr>
<td>Building Brain Learning Power</td>
<td>6</td>
</tr>
<tr>
<td>Differentiated Instruction &amp; Thinking Maps</td>
<td>13</td>
</tr>
<tr>
<td>Differentiated Instruction &amp; Thinking Maps</td>
<td>10</td>
</tr>
<tr>
<td>Intel Teach Program</td>
<td>8</td>
</tr>
</tbody>
</table>
ARTS IN EDUCATION

Lisa Pacht, Director
Theresa Dutcher, Senior Typist

We are excited to announce that fifty-five art teachers from Sullivan and Orange counties attended this year’s Art Conference, *Nurturing 21st Century Skills in the Creative Classroom: Visual Arts, Visual Thinking, and Visual Learning*, which took place on November 3, 2009 at the Twin Towers Middle School.

<table>
<thead>
<tr>
<th>Sullivan County districts that participated</th>
<th>Orange County districts that participated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eldred, Fallsburg, Liberty, Livingston Manor, Monticello, Roscoe, Sullivan West, Tri-Valley and Sullivan BOCES.</td>
<td>Chester Union Free School, Cornwall, Enlarged City School District of Middletown, Goshen, Marlboro, Warwick Valley, Washingtonville, and Orange-Ulster BOCES.</td>
</tr>
</tbody>
</table>

Teachers broke out into sessions [K-4, 5-8, and 9-12] to share two of their art lesson plans with artifacts/pictures and explained how they were created. We are creating a book comprised of the lesson plans shared and we will distribute it to all art teachers that attended the conference. We are continually meeting and planning for the Scholastic Art Awards ceremony that will take place in February.

TECHNOLOGY, DISTANCE LEARNING, MODEL SCHOOLS

Lisa Pacht, Director
Todd Lewis, Senior Network Administrator
Robert Cosh, Network Administrator Manager
Charles Wyant, LAN Technician
Oscar Ortega, LAN Technician
Debra Atkins, School Multimedia Technician
Theresa Dutcher, Senior Typist

Distance Learning

Daily IP videoconference connections between Fallsburg CSD and Broome-Tioga BOCES are occurring for American Sign Language [ASL] II and between Monticello CSD and Eldred CSD for Regents Physics.

On November 3rd, a POLYCOM VSX7000 videoconference endpoint was installed at the Rubin Pollack Education Center in room A6. This room is now equipped to host videoconference connections for meetings as requested by the Special Education Division. The first connection was made on November 9th for a CSE meeting with Eldred CSD.

Members of the Elementary Principals meeting connected via video from the George Ross Mackenzie Elementary School with Stephanie Pelcher, Syracuse Teacher Center for a presentation on RTI and progress
monitoring along with curriculum based assessment. The ISDN connection was bridged using Ulster BOCES' bridge and Sullivan County BOCES' TANDBERG Management Suite [TMS]. The connection was facilitated at Ulster BOCES by Bill Walton.

SCBOCES Special Education and Eldred CSD held another videoconference for a CSE meeting on November 13th at RPEC room A6 and connected to George Ross Mackenzie Elementary School from 10:00AM until 12:00PM.

The EMTA Spring Conference Planning Committee connected via video on November 13th from 12:45AM until 2:30PM. Kristy Lee for the School Library System participated from SCBOCES at RPEC in room A6. The connection was bridged by Erie2 BOCES facilitated by Mike Bayba.

On November 17th an IP videoconference between Eldred Jr./Sr. High School and George Ross Mackenzie Elementary School occurred. Robert Dufour, Director of Instruction Services at Eldred CSD conducted a staff meeting utilizing the IP videoconference technology. The connection was automated utilizing the SCBOCES TANDBERG Management Suite [TMS].

On November 18th members of Eldred CSD and the Intensive Day Treatment – Rockland Psychiatric Program utilized the videoconferencing technology for a student intake meeting. The ISND connection was bridged using Monroe1 BOCES' bridge and Sullivan County BOCES' TANDBERG Management Suite [TMS]. The connection was facilitated at Monroe1 BOCES by Mr. Dana Bowers.

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**Model Schools Program**

The Special Education Department used the Model Schools Professional Development Lab for end user training on the NovaNet program. In order for the training to occur, the program was installed on all desktops in the lab. Each of the attendees were provided with a home copy of the software.
School Improvement used the Model Schools Professional Development Lab on November 12th.

Sullivan County Teacher Center used the Model Schools Professional Development Lab on November 12th and November 30th.

School Library System used the Model Schools Professional Development Lab on November 19th for their meeting and staff development.

November Workshop Offerings

<table>
<thead>
<tr>
<th>Training</th>
<th>Date</th>
<th>Location</th>
<th># of Teachers / Para-Professionals</th>
<th># on Non-Administrators</th>
<th># of Administrators</th>
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</thead>
<tbody>
<tr>
<td>Must Know Web2.0</td>
<td>11/5</td>
<td>Model Schools Lab</td>
<td>7</td>
<td>N/A</td>
<td>1</td>
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<tr>
<td>Peer Coaching / 21st Century Teaching &amp; Learning</td>
<td>11/18</td>
<td>Conference room #4</td>
<td>N/A</td>
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<tr>
<td>Intermediate SMART™ Board training</td>
<td>11/30</td>
<td>Conference room #1</td>
<td>17</td>
<td>N/A</td>
<td>N/A</td>
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</table>
### December Workshop Offerings 2009

<table>
<thead>
<tr>
<th>Date</th>
<th>Professional Development Event / Description</th>
<th>Location / Program</th>
</tr>
</thead>
</table>
| 12/2   | **Global Collaboration Projects and Blogging: Open the Door to New Friends from Faraway Places**  
Explore the limitless possibilities of cross-cultural interactions via global collaboration projects! Participants will be engaged in an interactive presentation where online projects will be showcased utilizing ePals, Global School House Network, and Global Education Collaborative. We will also take a closer look at existing K-16 classroom projects and discover how easy it is to design and publish your own interactive project through a blog presence to make meaningful real-world connections with your students and other classrooms from around the world. These global collaboration projects will promote a 21st century skills of global literacy and multi-cultural awareness, while fostering mutual respect, tolerance, and communication inside and outside of the classroom. | Administration Building Conference Room #4  
3:45 PM – 5:00 PM  
Register on Sullivan BOCES MLP Model Schools Program & Teacher Center |
| 12/8   | **Digital Literacy: New Kids, New Media and New Literacies**  
It is up to us to help digital kids “write the media they read” so they can be active media creators rather than just passive media consumers. We need to help them migrate from text-centric to media collage literacy in creative, thoughtful, ways. We need to help them cultivate their new media talents, adopt art as the 4th R and use research and narrative to convey their ideas in rich, compelling ways. We need to help them create media stories and projects that are articulate, transformative and help them imagine the world they want to create. And we need to help them collaborate and share their work and talents within the collaborative community of the social web. | Administration Building Conference Room #4  
3:45 PM – 5:00 PM  
Register on Sullivan BOCES MLP Model Schools Program & Teacher Center |
| 12/9   | **Digital Literacy: New Media Literacy and Narrative in Education- Tools, Perspectives, Assessment**  
Following the overview on December 8, Jason demonstrates practical tools and processes for implementing new media narrative and digital storytelling projects in educational activities in exciting, creative ways using largely free digital tools. In addition, he addresses a number of topics, including media assessment, media grammar and the role of research-based digital stories and media development in the curriculum. This presentation also offers practical and conceptual ways for students to participate in the world of Web 2.0 using new media narrative they create for school projects. | Administration Building Conference Room #4  
3:45 PM – 5:00 PM  
Register on Sullivan BOCES MLP Model Schools Program & Teacher Center |
| 12/10  | **Integrating Web-based Multimedia Content**  
This workshop will provide a thorough understanding of the content available through Hippocampus, PowerMediaPlus, Teaching Books, and Archive.org and how educators can integrate activities in their Moodle classes. | Model Schools Lab  
4:00 PM – 6:00 PM  
Register on Sullivan BOCES MLP Model Schools Program & TELL Grant |
**Using WikiSpaces in the classroom**

This training focuses on sharing a variety of ways to use WikiSpaces in classrooms. We will discuss how the use of Wikis improve and change projects and enhance student collaboration. Participants will be shown how to set up their own free accounts to use with their own classes.

**WEBINAR**
4:00 PM – 6:00 PM
Register on Sullivan BOCES MLP Model Schools Program & TELL Grant

**Intermediate SMART™ Board training** [MS / HS Level]

This class is designed to teach the participants how to utilize the Notebook Software to enhance their curriculum and their delivery of lessons. The SMART Board interactive whiteboard engages students and audiences in learning using a touch-sensitive display to allow for interaction between students and lessons. You can control computer applications (i.e.-documents, presentations) directly from the display, write notes in digital ink and save your work.

This class will focus on basics and include:
- Creating classroom activities using the SMARTBoard
- Using the Essentials for Educators tools
- Using the Gallery Sampler tools
- Exploring internet resources

Participants will also learn where to go for support, tutorials, and ideas.

**Intermediate SMART™ Board training** [Elem. Level]

This class is designed to teach the participants how to utilize the Notebook Software to enhance their curriculum and their delivery of lessons. The SMART Board interactive whiteboard engages students and audiences in learning using a touch-sensitive display to allow for interaction between students and lessons. You can control computer applications (i.e.-documents, presentations) directly from the display, write notes in digital ink and save your work.

This class will focus on basics and include:
- Creating classroom activities using the SMARTBoard
- Using the Essentials for Educators tools
- Using the Gallery Sampler tools
- Exploring internet resources

Participants will also learn where to go for support, tutorials, and ideas.

**Technology**

Over the past month the technology department continued to use School due to track, organize and complete support tickets related to the various types of technologies used within our district. Over the course of this time frame our technicians completed 56 help desk tickets. Tickets include such issues as shared network drives/folders, malfunctioning hardware, installing printers, installing software, SMART™ Board issues, and reimaging laptops.
Other projects beginning this month include the installation of new network equipment. These new switches will replace older, outdated equipment improving the connectivity of our data and voice network. Thus, allowing us to move forward with our goal of having every switch within all of our buildings connected to one another at a speed of 1 GB.

Yet another project the department has worked as a team on was the installation of the new NovaNet software. This software package was purchased by the BOCES Special Education Department and allows teachers and students to log into a remote portal over the internet. The software is described by Pearson Educational as “a comprehensive, online courseware system that meets countless needs from delivering thousands of hours of research and standards-based, interactive curriculum, to integrated assessment and student management.” Currently we have the software installed on various workstations and the laptop cart that resides on the main campus.

**Learning Tech CoSer/Telecommunication CoSer**

This month the department has purchased and will install new high speed networking equipment that will replace an older county-wide switch. This is the switch that connects our districts' networks to one another and ultimately to the internet. The installation of this equipment will ensure that BOCES will be able to handle the large amount of bandwidth purchased by the county now and in the future. By updating the backbone that connects all of our district networks together we will also improve both the teacher’s and student’s ability to use electronic educational media such as video streaming and videoconferencing.

This month we have continued to work through the Learning Tech CoSer to have BOCES’ computer technicians in both the Liberty and Eldred school districts. Their primary function is to provide higher level support for our districts, thus improving educational technology in the classroom. Projects continue in both districts and include server side and individual computer work.