

schooltools.us



Unleash the **Power** of E-Learning

Cattaraugus-Allegany BOCES

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SchoolTools.us is a part of the New York State Virtual Learning Space Project

Tools to help all students succeed!

The Second Generation of Web-Based Software for Curriculum Development and Learning Management



Whether you want to create standards-based learning experiences for your classroom, redesign your curriculum to better meet your students' needs, assess your students' strengths or your own, chart your professional-growth path, or come up with new e-Learning materials, you can log on to **schooltools.us**  and find the right tool for the job!

- Built on Best Practices - Extensive research goes into the selection and development of each and every tool.
- Teacher Driven - Design specifications are drafted by educational and technical experts based on the input of teachers and administrators.
- Supported by a comprehensive **Professional Development** Program, designed with the flexibility to meet every teachers' needs.
- Strong Technical Foundation - How do teachers that are also parents login to the system? Or teachers who work in more than one school? At **schooltools.us** , it's ONE LOGIN.
- Built with PowerDesigner, a database independent design tool that allows us to quickly design and reverse engineer software.

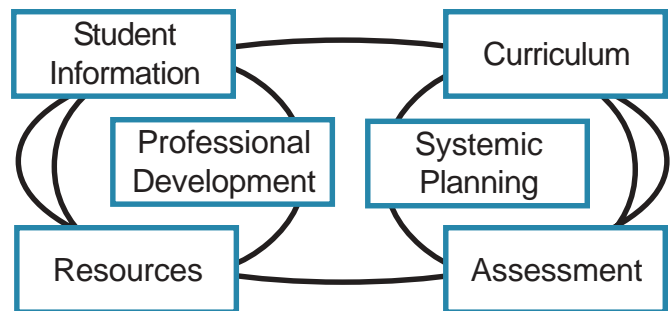


www.schooltools.us

Cattaraugus-Allegany BOCES
1825 Windfall Road, Olean, NY 14760
Voice: 716-376-8282 ♦ Fax: 716-376-8438

We Have Tools to Help Your Students, Parents, Educators, and Administrators Succeed!

- ◆ Articles
- ◆ Assessment Center
- ◆ Book Studies
- ◆ Calendar
- ◆ Career Planner
- ◆ Career Portfolios
- ◆ Course Creation
- ◆ Curriculum Maps
- ◆ E-Cards
- ◆ Event Planner
- ◆ Graphic Organizers
- ◆ Job Posting/Online Application Management
- ◆ Journals
- ◆ Learning Experience Outlines
- ◆ Moderated Forums
- ◆ Needs Assessments
- ◆ New York State Standards
- ◆ On-line Grade Reporting
- ◆ Period-by-Period Attendance
- ◆ Reference Tools
- ◆ Resume and Cover Letter Builder
- ◆ Rubric Builder
- ◆ Virtual Learning Books
- ◆ Web Site Builder: Educator Edition





Articles

At SchoolTools.us you'll find over 525 of the best educational articles on a range of topics, including New Assessments, NYS Standards, Child Development, Special Education Needs, and Teaching Strategies. You can find any article on topics such as: Beyond High School, Extra Curricular Activities, Health and Safety, New Teachers, Family, and School & Learning!



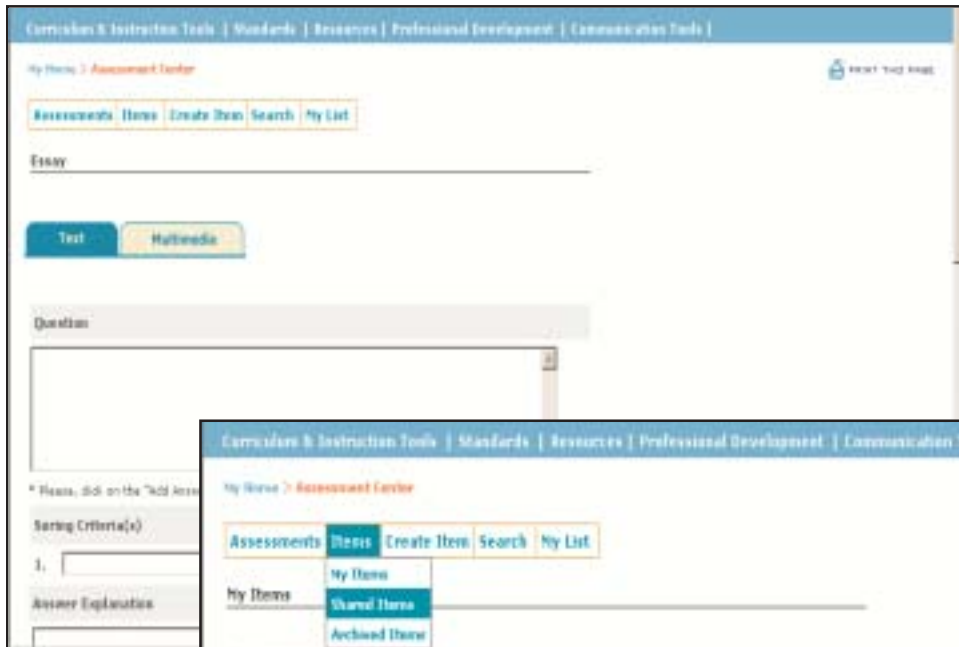
Our Vision:

We will be working with the New York State Library system to bring more articles to all of our users.



Assessment Center

Need to know what your students really know? Use the Assessment Item Bank, tied in the backend to multiple data analysis threads. Are your students missing all the questions above a 4th grade reading level? Is one of their neurodevelopmental weaknesses being constantly stressed in testing? How do I adjust my curriculum based on what my students know and are able to do? On-Line Assessment tools are in development and will be a part of an e-Learning Student Release in Fall 2003.

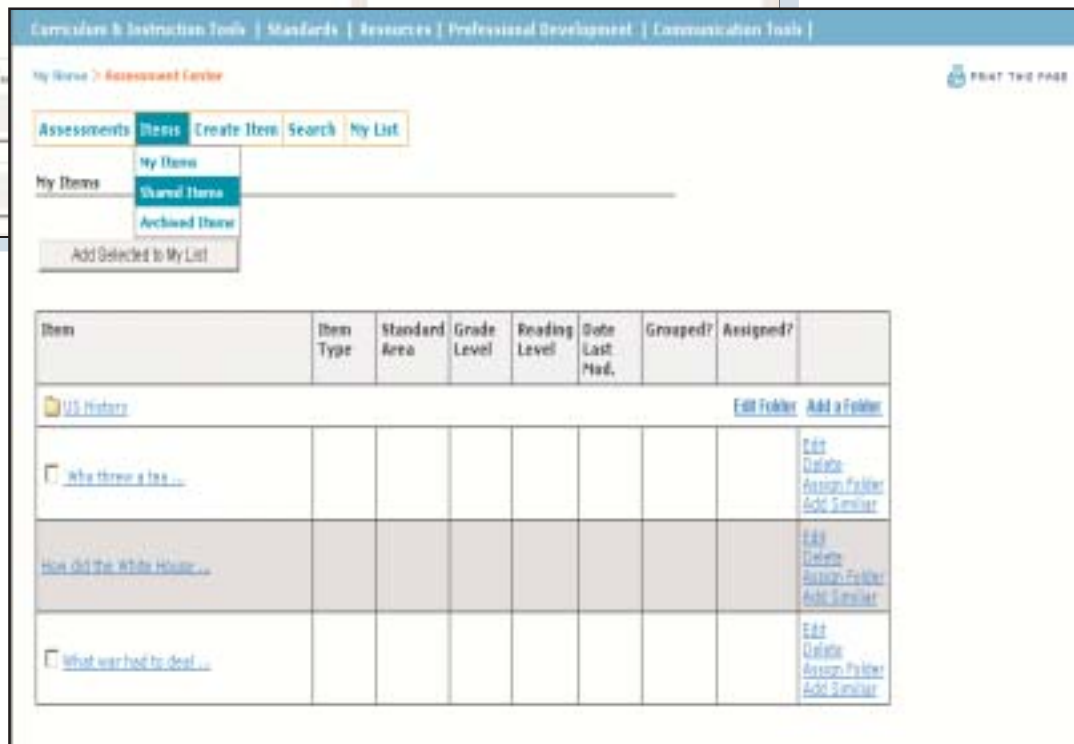


Instant Feedback

Real Time Student Achievement Data

Bi-Level Item Analysis

Multimedia Assessment



Connect each student to the Learning Resources they need most!

Our Vision:

With on-line assessments students can get their results instantly. Educators can also use data on student performance (individually, as part of a group, or whole class) to plan instruction and make adjustments. The more we know about how students learn and what they know the better we can get at planning appropriate instruction for them. **Parallel and Progressive Assessments** are an integral part of the assessment section. They can be used as pre-tests with your students to better understand their learning needs. Teachers can use this data to adjust instruction.



Career Planner

This comprehensive career-focused portfolio, planning and management tool was built in partnership with the Career and Technical Education (CTE) programs at Cattaraugus-Allegany BOCES. The Career Planner assists students in exploring career areas, including linkages to internship and employment opportunities from local employers. Students are able to participate in self-evaluation and goal-setting tasks. It enables students to create resume and cover letters with leading edge graphical design capabilities. Combining the tools that CTE Programs need most, students are able to view teacher scored rubrics and their on-line grade report, period-by-period attendance data and events calendar.

Tools for:

- **Employers**
- **Teachers**
- **Students**
- **Administrators**

The screenshot displays the Career Planner web application interface. At the top, there is a navigation bar with links for 'About', 'News', 'Search Jobs & Internships', and 'Home'. Below this is a banner image with the word 'ACHIEVEMENT' written on it. The main navigation menu includes 'My Classes', 'Grade Book', 'Student Rubrics', 'Calendar', and 'My Library'. A secondary navigation bar contains 'home', 'help', 'Profile', and 'log out' options. The main content area features two buttons: 'Create a New Class Rubric' and 'View/Update All My Rubrics'. A red notification message states 'Your edits have been saved!'. The primary form is titled 'Update Rubric and Add New Criteria' and contains the following fields:

- Rubric Title:** Auto Techonology Observed Specialized
- Grade Level:** 12
- For Class:** Auto Technology
- Publish:**
- Standard Area:** Career Development and Occupational Studies
- Performance Task:** This rubric will evaluate the specialized skills of students enrolled in Auto Technology class.

Below the form are two buttons: 'Add New Rubric Element' and 'Save'. The bottom section of the interface is a table with the following structure:

Rubric Element	Matery	Competent	Supervision Requir	Instructed
 1. Check continuity in electrical circuits using test light and voltmeter, oscilloscope, and wiring diagram. Check for shorts, opens, and grounds.	Work is neat complete and accurate. Exceeds expectations and requirements	Work is generally neat	complete and accurate. Works is done with pride.	Work quality is not consistent. Is otehn incomplete or needs re-work
 2. Measure Resistance in electric circuits using an ohmmeter	Work is neat complete and accurate. Exceeds expectations and requirements	Work is generally neat	complete and accurate. Works is done with pride.	Work quality is not consistent. Is otehn incomplete or needs re-work



Career Planner Continued

- Grade Book Management
- On-Line Grade Reporting
- Period-by-Period Attendance
- Student Career Portfolio
- Needs Assessment
- Rubric-Builder
- Teacher and Student Scored Rubrics
- Resume & Cover Letter Builder
- Employer Job Posting
- Job Application Management Employer and Student
- Job Interview Tips
- Events Calendar
- Resource Library - Career Related

The screenshot shows the 'Create a New Class Rubric' form in the Career Planner interface. The form includes the following fields and options:

- Rubric Title*:** Auto Techonology Observed Specialized
- Rubric Levels*:** 4 (with a note: 'Please choose the number of levels you want carefully. The number cannot be changed once you have created the rubric.')
- Performance Task*:** This rubric will evaluate the specialized skills of students enrolled in Auto Technology class.
- For Use in Class:** Auto Technology
- Grade Level*:** 12
- Standard Area*:** Career Development and Occupational Studies

A 'Create a New Rubric' button is located at the bottom of the form.

The screenshot shows the 'Events Calendar' in the Career Planner interface. The calendar is set for June 2003 and displays two events:

- Friday, June 27, 2003**
 - Job Fair**
 - 10:00:00 AM - No end time specified
 - Location:** Olean, Bluebird
 - Description:** Job Fair
- Saturday, June 28, 2003**
 - Student Career Orientation**
 - No start time specified - No end time specified
 - Location:** Blue Bird
 - Description:** Student Career Orientation

The calendar also includes navigation options for 'Daily View', 'Weekly View', and 'Monthly View', and a calendar grid for June 2003.



Curriculum Maps

Based on the work of Heidi Hayes Jacobs, Curriculum Mapping is a way for teachers to document (or plan) what is happening in their classrooms using time (typically months) as the common factor. Each teacher in the school creates their own Curriculum Map for the courses that they teach. Teachers can then use the Multiple Map view to begin aligning their curriculum. This process of comparison allows teachers to discover strengths in their program, but also helps them identify the repetitions (what do you mean you did this last year?) as well as the gaps. (That aren't being taught at all.)

Map your curriculum using your customized district template for mapping, SchoolTools.us makes it easy! Use our advanced mapping features to perform a gap analysis or create a K-12 scope. These tools really allow you to get at the heart of curriculum design in the best interest of our children. Put your curriculum in list form, an easy way to share with **Parents** and **Students!**

The screenshot shows the 'Create a New Curriculum Map' form on the SchoolTools.us website. The form has several sections: 'Map Title' with a text input field; 'Course' with a dropdown menu labeled 'Select a Course'; 'Mapping Time' with 'From' and 'to' date pickers set to 'Sep 2003' and 'Jan 2004'; and 'Developed By' with a dropdown menu showing a list of names and email addresses. A blue oval callout is positioned over the 'Developed By' dropdown, containing the text: 'Identified in Ohio as the #1 Strategy to Increase Student Achievement'. The website header includes the SchoolTools.us logo and navigation links like 'My Profile', 'Toolbox', 'Home', and 'Logout'. A navigation bar below the header lists categories like 'Curriculum & Instruction Tools', 'Standards', 'Resources', 'Professional Development', and 'Customization Tools'. The page title is 'My Home > Curriculum Map'.

The Connection:

Curriculum Mapping is an integral piece of SchoolTools.us. Curriculum Mapping data can and should be used to plan instruction. It can be used to show the alignment to the NYS Learning Standards. Mapping data assist educators in developing more meaningful assessments. It helps educators close the gaps to increase student achievement.

Our Vision:

We envision that tools to assist schools in Gap Analysis will be developed. A correlation can be drawn between district assessment data, curriculum and instruction. The power of a tool like this is leveraging the data to improve student achievement so that ALL students are successful.



Curriculum Maps continued

The most important key of effective practices according to a case study in Ohio's Improved School Districts is [Curriculum Alignment](#). Curriculum Alignment is an analysis of the curriculum as it appears in the classroom; a comparison to state mandated proficiencies to identify curricular deficiencies; an alignment of curriculum across grade levels and subjects.

The screenshot shows the schooltools.us website interface. At the top, there is a navigation bar with links for 'My Profile', 'Toolbox', 'Home', and 'Logout'. Below this, a welcome message reads 'Welcome Mrs. Laurie Sledge, Educator from NYS School'. The main content area features a navigation menu with 'Curriculum & Instruction Tools', 'Standards', 'Resources', 'Professional Development', and 'Communication Tools'. A search bar is present with the text 'My Name > Curriculum Map'. Below the search bar, there are links for 'Create A New Map', 'Maps in Progress', 'Show All My Maps', 'My Map Archives', 'Shared Maps', 'Search', and 'Combined Maps'. A pagination indicator shows 'Page 1 of 1: 1 show all 5 results found'. The main table is titled 'All Shared Maps' and contains the following data:

Map Title*	Course*	Grade Level*	School*	Author(s)*	Download Map	Share Date*
1th map (CT)	Kindergarten	Grade K	Career & Technical Center at Olean	Cores, Ho		Jun 3 2009 12:21PM
1th map (CT)	Kindergarten	Grade K	Career & Technical Center at Olean	Cores, Ho		Jun 3 2009 12:21PM
1CT	Kindergarten	Grade K	Career & Technical Center at Olean	Cores, Ho		Jun 3 2009 12:18PM
ELA	English 12	Grade 12	Information Technology Division	Cores, Ho		Jul 14 2009 4:54PM
math AP	Kindergarten	Grade K	Career & Technical Center at Olean	Cores, Ho		Jun 2 2009 1:02PM

Responsibilities of Mapping at each level

District Leadership

Clear district-wide goals of curriculum alignment to state proficiency standards.

Monitoring of effort on regular, recurrent cycle of curricular renewal.

School Principals

Understanding of goals for curriculum alignment & communication of goals to teaching staff.

Monitoring of teacher effort through student performance data tracking.

Teaching Professionals

Curriculum alignment to state proficiency standards.

Grade level standards and expectations determined through collaborative planning.

Change in instructional practices to reflect proficiency format, use of practice tests to prepare for test expectations.



E-Cards

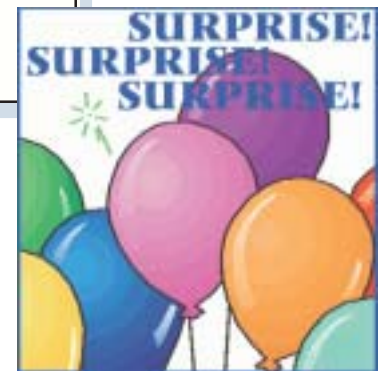
Tap into the power of communication with E-Cards designed especially for schools. Use the E-Cards tool to remind parents of an upcoming field trip, recognize a child who has worked hard, or remind colleagues of the meeting tomorrow. All you do is click on the card you want and fill out the form that opens up. Click "Send this card" and it's on its way!



Current Cards Now Available:

- ♦ Parent/Teacher Conference (Animated)
- ♦ Great Job! (Animated)
- ♦ Open House
- ♦ Happy Birthday (Animated)
- ♦ Professional Development Day
- ♦ Coffee in the Cafeteria
- ♦ Child - Star of the Week (Animated)
- ♦ Exceptional Teacher (Animated)
- ♦ No School Tomorrow! (Animated)
- ♦ Fundraising (Animated)
- ♦ Congratulations
- ♦ Fish Philosophy Award (Animated)
- ♦ You are Extraordinary
- ♦ You are an All-Star
- ♦ Surprise!
- ♦ T.E.A.M.
- ♦ You are a Winner in my Book
- ♦ Thanks for Poppin' into Action
- ♦ Thank You

AND MORE TO COME!





Event Planner

The [Event planner](#) has the capability to coordinate matching school districts for performing arts events as well as distance learning events. Any SchoolTools.us user can browse and search the catalog of events. Only participating districts can request and add events.

Search Events by:


- √ Title
- √ Cost
- √ Venue
- √ Type of Event
- √ Sponsor
- √ Description
- √ Standard Area

Request Events

Is a limited access feature – user must be in a participating district

Add new Events

Allows a user to add events to a calendar - user must be in a participating district

CATALOG OF EVENTS	CHECK STATUS	ADD NEW EVENT	VENUES	SPONSORS
TITLE OF EVENT				
Thoroughly Modern Millie				
DESCRIPTION				
The winner of six 2002 Tony Awards including Best Musical, Thoroughly Modern Millie is this season's most awarded show on Broadway. Based on the 1967 Oscar-winning film, Thoroughly Modern Millie takes audiences back to the height of the Jazz Age in New York City, when "moderns" - including a flapper named Millie Dillmount - were bobbing their hair, raising their hemlines, entering the workforce and rewriting the rules of love. A delightful valentine to the long standing spirit of New York City and the people who seek to discover themselves there, this new stage version of Thoroughly Modern Millie features 15 songs, including two from the 1967 film, four standards from the 1920's and nine new songs. Download the Thoroughly Modern Millie Study Guide at http://www.modernmillietour.com/millie.pdf				
AVAILABLE DATE(S)				
09/30/03 - 10/05/03				
TARGET AUDIENCE				
STANDARD AREA(S)				
Arts (ARTS)				
COST				
\$25.00/ticket - \$75.00/ticket				
VENUE(S)				
Shea's Performing Arts Center				
SPONSOR				
Shea's Performing Arts Center				
				



Graphic Organizers

These graphic organizers will help you and your students organize ideas and concepts. We've designed general, ready-to-go Graphic Organizers teachers can integrate quickly into their classroom. Users simply click on the tab for the type of graphic organizer, fill in the appropriate fields and click "Print". Fast, easy and effective.

Graphic organizers are valuable instructional tools. Unlike many tools that just have one purpose, graphic organizers are flexible and endless in application.

One common trait found among graphic organizers is they show the order and completeness of a student's thought process - strengths and weaknesses of understanding become clearly evident.

Many graphic organizers show different aspects of an issue/problem - in close and also the big picture. Since many graphic organizers use short words or phrases, they are ideal for many types of learners, including English Language Learners with intermediate proficiency.

- ◆ **Venn Diagram**
- ◆ **Time Line**
- ◆ **Map Event**
- ◆ **Matrix/Grid**
- ◆ **K-W-L**
- ◆ **Cause & Effect**
- ◆ **Cluster Web**
- ◆ **Goals Web**
- ◆ **Observation Charts**
- ◆ **T-Charts**
- ◆ **Tic-Tac-To**
- ◆ **SQ3R Chart**
- ◆ **Ice Cream Cone**

teacher name here	Name _____	
class name here	Date _____	
topic here		
Know	Want to Know	Learned

teacher name here	Name _____	
class name here	Date _____	
class/Date topic here		
topic here		
topic here		
topic here		
topic here		
topic here		

Our Vision:

We are investigating newer technology that will enable students to use and store graphic organizers on-line.



Learning Experiences

Find or create standards-based **Learning Experiences** for your classroom! Use the NYS Learning Experience Outline, with specially designed prompts to assist you in creating the best Learning Experience possible. Are you a school who has used Understanding by Design (ASCD)? The Learning Experience Outline template is very similar. We've created prompts to assist your teachers in the transition. Align your Learning Experience to **NYS Learning Standards** with our easy to use **Standards Wizard**.

The screenshot shows the 'schooltools.us' website interface. At the top, there is a navigation bar with links for 'My Profile', 'Dashboard', 'Home', and 'Logout'. Below this, the user is identified as 'Welcome Mrs. Jennifer Austin, Educator from Cuba-Rushford High School'. The main content area is titled 'My Learning Experiences' and includes a search bar with the text 'Create a LEO' and a 'GO' button. Below the search bar, there is a list of learning experiences for 'Cuba-Rushford Central School District'. Each entry in the list has a title, a 'Title' field, an 'Author' field, a 'Grade Levels' field, and a 'Subject Area' field. To the right of each entry are three buttons: 'Update', 'Delete', and 'Share'. The list includes entries such as 'Butterflies and Maths 2: Arrival Day', 'Oil Spills - Near and Far', 'OUTSIDE LESSON', 'Sample UBD Lesson', 'Leeds', 'The Day: Exploring the Indian River Valley Civilizations', and 'Wildflowers: ELA Component'. Below the list is a table with columns for 'Title', 'Author', 'Grade Levels', and 'Subject Area'. The table contains two rows of data: one for 'Alice' (Author: Lisa Burns, Grade Levels: 1 To 1, Subject Area: ELA, PST, SS) and one for 'Apple Pie A...Apple' (Author: SchoolTools, Grade Levels: 1 To 1, Subject Area: ARTS, CDOS, ELA, HPFACIL, LOTE, PST, SS).

The Connection:

Learning Experiences isn't a stand-alone module. It ties to NYS Standards and also to Instructional Resources, Curriculum Development, and Teacher Plan Books.

Our Vision:

Learning Experiences will become even more interwoven, as a key instructional planning piece for teachers. We are making plans to integrate Learning Experiences with an On-line Teachers PlanBook and an On-Line Assignment Management Center for Educators and Students.

Reports will be generated including use of instructional time, alignment with state standards, alignment with class profile and learning needs.



Professional Development

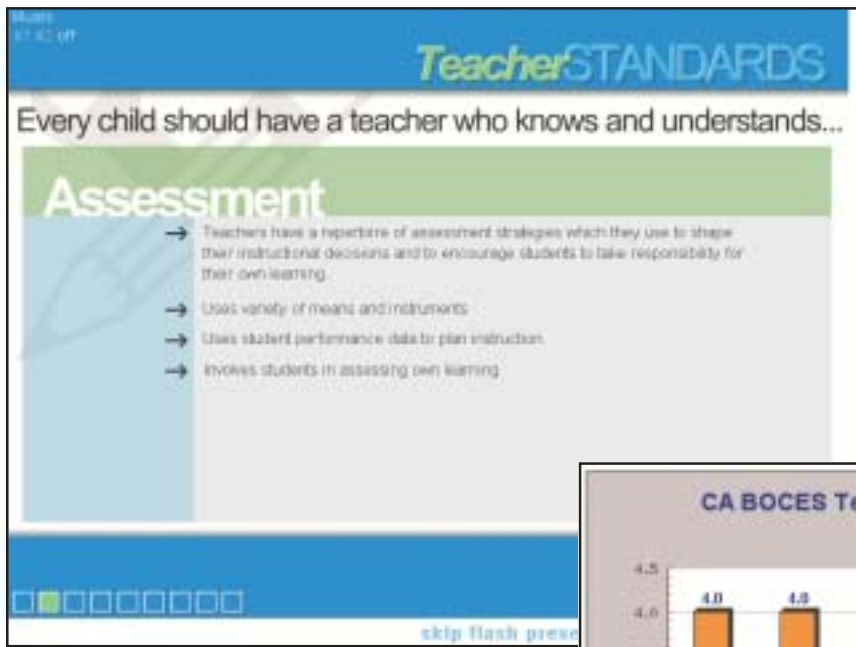
A comprehensive Professional Development Management system is in development. These Professional Development tools will work together to help better understand the needs of our educators. The vision is that the Professional Development section will be the place to go for personal professional development planning, as well as systemic, district wide-professional development planning and growth.

In the Current Toolbox are:

- ♦ Teacher Standards
- ♦ Needs Assessment
- ♦ Professional Journals
- ♦ Knowledgebase

Tools in the Planning Stages are:

- ♦ Individual Professional Development Planning
- ♦ Registration & 175 Hour Tracking
- ♦ 360 Feedback Tool
- ♦ Professional Portfolio
- ♦ Action Research Template

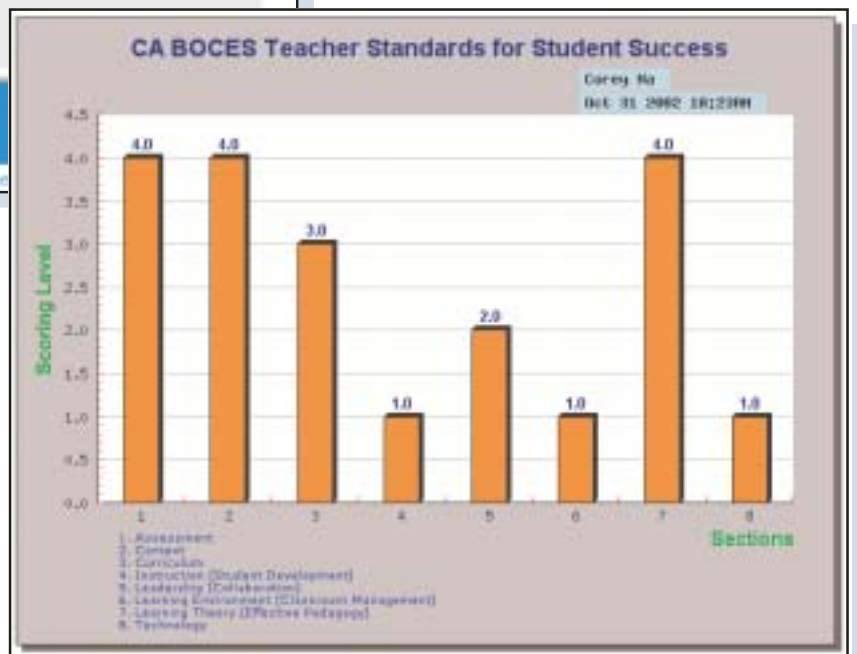


Teacher Standards:

This Teacher Standards Presentation is designed to introduce educators to the Eight Teacher Standard Areas, and provide a description for them of what they look like in the 21st Century classroom. Check it out!

Needs Assessments:

The key to developing a great Professional Development Plan is to **understand your strengths and weaknesses** and to determine which professional development path will impact your students' achievement the most. The Needs Assessment tool is designed to help you do this quickly and effectively.





Professional Development Continued

My Profile | Toolbox | Home | Logout

schooltools.us Welcome Mrs. Jennifer Austin, Educator from Coker-Rutherford High School

Contributor & Instruction Tools | Standards | Resources | Professional Development | Communication Tools |

My Home < Journals

Journal Home | Create a Journal Entry | View All of My Journal Entries | Create a Journal

Journal Name	Entry Title	Date	Update	Delete
Jennifer's Journal	• First Journal Entry Part 2	Oct 25 2007 2:08PM	Update	Delete
Jennifer's Journal	• Why I Like School	Oct 25 2007 2:08PM	Update	Delete
Special Education Course Journal	• After Session One	Jan 23 2008 10:48PM	Update	Delete
Special Education Course Journal	• Session 2	Feb 1 2008 8:54AM	Update	Delete
Special Education Course Journal	• Session 3	Feb 9 2008 11:41AM	Update	Delete

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Journals:

Use the Professional Journal tool to document your professional growth. You can keep your own private electronic journal, or share it with your mentor. A **Student Version** of Journals, with teacher management tools, is planned in the **e-Learning Student Release!**

Knowledgebase:

The place to share what you know with those who want to know it. Explore Knowledgebase for information on hot topics that other SchoolTools users have contributed to this collaborative learning environment.

My Profile | Toolbox | Home | Logout

schooltools.us Welcome Mrs. Jennifer Austin, Educator from Coker-Rutherford High School

Contributor & Instruction Tools | Standards | Resources | Professional Development | Communication Tools |

My Home < Knowledgebase

Sub-Topic	Title	Resource Level	Author
	Professional Development		
Needs Assessments	Teacher Standards Introduced	Introductory	Jennifer Austin
General Information	SchoolTools.us		
General Information	Archer Alert Added to SchoolTools.us	Introductory	Jennifer Austin
General Information	e-Content: A Fun Way to Communicate with Parents	Introductory	Jennifer Austin
General Information	Grading Strategies Introduced	Introductory	Jennifer Austin

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Professional Development Continued

Moderated Forums are designed to provide educators a new way to collaborate on important issues in our schools today. They are intended to provide introductory information and resources about the issue, provide a one stop shop to find out about the latest updates, and a place to come together, ask questions, debate and find answers in a non-threatening electronic environment. Each moderated forum has been designed by an expert in that topic, and they are active participants in the discussion forums, helping to find solutions to help educators.

Middle Level Mathematics
A Moderated Forum from SchoolTools.us

About | Contact | Search | Site Map | Help | Schooltools | Home

Email Us Content Strategies Resources Assessment Professional Development Forum

Welcome to the Middle Level Math Forum!

Here you will find content, strategies, resources and assessment for Middle Level Mathematics in NYSE!

The NYS Grade 8 Mathematics Assessment is scheduled for May 6-8, 2003. It consists of three parts, administered in 70-minute timeslots over a two-day period. Visit our Assessment section to find out more!

What is a Moderated Forum?

Lead by topic experts, Moderated Forums provide "just-in-time" staff development information about important issues in our schools today. This Moderated Forum provides you...

- An Overview of Middle Level Math Content
- Successful Strategies to Use in the Classroom
- Resources for Educators and Students
- Sample Assessment Questions
- A Forum to Ask Questions and Find Answers!

What's New!

- The [Discussion Forum is Now Available!](#)
- What manipulatives do you need to implement a successful mid-level math program? Visit our Resources section!
- Are you looking for on-site professional development for Middle Level Math? The staff at Cattaraugus-Allegany BOCES can help. Call Barbara VanWicklin at 716-376-8321.

Let us know how you like our website! [Click here](#) to take Our Online Poll!

Page Last Updated: Tuesday, February 11, 2003

EMAIL THIS TO A FRIEND PRINT

Current Topics:

- ◆ Attentional Issues
- ◆ Curriculum Mapping
- ◆ Differentiated Instruction
- ◆ Middle Level Math
- ◆ No Child Left Behind

Middle Level Math Discussion Forum

Home | Profile | Register | Join Team | Members | Search | FAQ

Username: Password:

Save Password! (Note: You must login to post messages.)

Forum	Topics	Posts	Last Post	Moderator(s)
<input type="checkbox"/> Math 8 Assessment Questions				
<input type="checkbox"/> Questions on the 8th Grade Assessment Ask your questions about the 8th Grade Math Assessment here.	0	0	02/25/2003 07:40:13	
<input type="checkbox"/> Resources & Manipulatives Share the resources for Middle Level Math here.	0	0	02/25/2003 07:40:06	
<input type="checkbox"/> Content Questions How is responsibility shared 5-8 for the preparation of students for this assessment?	0	0	02/25/2003 07:47:02	
<input type="checkbox"/> The Strategy Hubble What teaching strategies work best with middle level math students? With what have you had success? What bombed?	0	0	02/25/2003 07:45:25	
Resources				
No Forums Found				
Statistics				
There are currently 0 topics.				
(Please welcome our newest member! Join Us!)				

Contains new posts since last visit.
 No new posts since the last visit.

Middle Level Math Discussion Forum

© 2003 SchoolTools.us [Help Forum 2003](#)



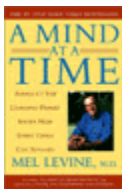
Professional Development Continued

Book Studies SchoolTools.us on-line book study groups provide a forum for educators to participate in an intellectual study and reflection on educationally related selections. It works like this:

1. Make your book study selection.
2. Register to participate in the book study.
3. Note the start date this is the date that the book discussion will begin. Order the Book!
4. Login anytime to participate in the on-line discussion of the book.
5. Meet to chat with fellow participants at the designated time.

2003-2004 Line-Up

- ◆ **A Mind at a Time** by Dr. Mel Levine
- ◆ **Visual Literacy** by Dr. Lynell Burmark
- ◆ **Mentoring New Teachers** by Hal Portner
- ◆ **Mapping the Big Picture** by Dr. Heidi Hayes Jacobs
- ◆ **Capturing the Wisdom of Practice: Professional Portfolios for Educators** by Giselle Martin-Kniep





State Standards

NYS Standards are the connecting piece within the SchoolTools.us site. Click NYS Standards to browse Standards as well as Key Ideas, Performance Indicators and Sample Tasks. The Standards Wizard is integrated into Learning Experiences, Curriculum Mapping, Virtual Learning Books, and Assessment tools to help you document how and when you are addressing each standard.



The screenshot shows the SchoolTools.us website interface. At the top, there is a navigation bar with links for "My Profile", "Toolbox", "Home", and "Logout". Below this is a header section with the SchoolTools.us logo and a welcome message for Mrs. Jennifer Austin, Educator from Cuba-Rushford High School. The main content area is titled "Learning Standards Home" and features a dropdown menu set to "Standard 1 - Analysis, Inquiry, and Design". The page content includes the following sections:

- Mathematics, Science, and Technology**
- Analysis, Inquiry, and Design**
- Students will use mathematical analysis, scientific inquiry, and engineering design, as appropriate, to pose questions, seek answers, and develop solutions.
- Mathematical Analysis**
- 1. *Abstraction and symbolic representation are used to communicate mathematically.*
 - Students:
 - extend mathematical notation and symbolism to include variables and algebraic expressions in order to describe and compare quantities and express mathematical relationships.
- 2. *Deductive and inductive reasoning are used to reach mathematical conclusions.*
 - Students:
 - use inductive reasoning to construct, evaluate, and validate conjectures and arguments, recognizing that patterns and relationships can assist in explaining and extending mathematical phenomena.
 - This is evident, for example, when students:*
 - predict the next triangular number by examining the pattern 1, 3, 6, 10, n.
- 3. *Critical thinking skills are used in the solution of mathematical problems.*



Virtual Learning Books

New approach to E-Learning! Drag and drop tools allow you to create a multimedia Virtual Learning Book, even if you are new to computers! Need a solution that allows you to provide materials on multiple reading levels for your class? Find them here! Integrate items from the Assessment Item Bank and check for student understanding in real time. Differentiate or Level the questions to provide a meaningful, challenging learning experience for each child in your class – FAST! In pilot this spring, you are able to start your collection of resources for this exciting project now!

The screenshot shows the schooltools.us website interface. At the top, there is a navigation bar with links for 'My Profile', 'Toolbox', 'Home', and 'Logout'. Below this, a welcome message reads 'Welcome Mrs. Jennifer Austin, Educator from Cuba-Rushford High School'. A secondary navigation bar includes 'Curriculum & Instruction Tools', 'Standards', 'Resources', 'Professional Development', and 'Communication Tools'. The main content area displays 'My Home' and 'Virtual Learning Books'. A 'Create Book' button is visible. The central focus is a virtual book titled 'Metric/English Conversions'. The book's cover is on the left, and the right page shows a 'TABLE OF CONTENTS' with the following items: Lesson 1 (The English System of Measurement), Lesson 2 (The Metric System of Measurement), Lesson 3 (Converting Between English & Metric Conversions), Practice (Metric/English Conversions), and Teacher Resources (Activity Problems for Measurement Conversions). A small copyright notice at the bottom of the book reads '# David Harshbarger Productions'.

Types of Resources that can be included:

- ♦ Text
- ♦ Video
- ♦ Graphics
- ♦ Animations
- ♦ Audio Clips

Big Impact Area:

Special Education - and providing appropriate instructional resources to all students.

Our Vision:

Educators can search the bank of public resources to put together the most appropriate book for their students.

Imagine an 8th grade math class - I'm teaching measurement. I have a student who is on the 4th grade reading level and would struggle with the text introducing measurement. I go to the resource database and search for text on measurement at the 4th grade reading level. I drag and drop the 4th grade text into the "Virtual Learning Book". When I assign "Books" to students I simply send the modified version to those students who need it.



Web Site Builder: Educator Edition

The Web Site Builder enables Educators to create their own web sites in an easy to use “Word-like” editor, with no coding involved! A web site building wizard steps educators through the process of choosing a web site address, customizing their sections and color scheme and including interactive applications. Each educator is able to designate their own unique web site name that they can give to parents and students so they can access the site directly. Updating is easy! Educators visit their site, click “Admin” and type away.

School and Districts web site support and customized design is available as an add-on service. Sites can be hosted locally. Contact Jennifer H. Austin at (716) 376-8280 for more information.

YOUR LOGO HERE

About | Contact | Search | Site Map | Help | Schooltools | Home

Email Us My Classes Students Show Case Resources Forum Photo Gallery Calendar

Put a brief description about your website here.

For example, Mrs. Austin teaches students Computers and Social Studies at Hillside Middle School.

She is involved in Scholastic Training this year to learn additional strategies to help make positive learning experiences for all of her students. Mrs. Austin is a graduate of the Rochester Institute of Technology and will receive her Ed.M. from the University of Buffalo in May 2002.

This is a sample image. You can edit this using admin function of this page.

What's New! (Sample Section)

- Our Class Discussion Forum Available! You can announce new features of your websites here.
- You can put your reminder of assignment Due dates here!

Let us know how you like this website!
Click here to take Our Online Poll!

Opinion Poll

Page Last Updated: Sunday, February 02, 2002 10:07:44 PM Eastern Time

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Pictured here are some templates you can choose from!

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Default (Schooltools Colors)

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Spring Lively

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Summer Fun

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Fall Foliage




Web Site Builder Continued

WEB SITE BUILDER TOOLS:

Class Calendar
Student Showcase
Discussion Forum

Resources
Photo Gallery
Forum

Opinion Poll
E-mail Form

Teacher Website Tool Demo  from schooltools.us

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Feb 2003 PRINT THIS PAGE

Choose Your View: [Daily View](#) | [Weekly View](#) | [Monthly View](#)

S	M	T	W	T	F	S
26	27	28	29	30	31	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

Sunday, February 09, 2003

'Twelve Angry Men' - assign parts/ antagonist/protagonist
No start time specified - No end time specified
Location: Classroom
Description: 'Twelve Angry Men' - assign parts/ antagonist/protagonist.

Monday, February 10, 2003

'Twelve Angry Men' - assign parts/ antagonist/protagonist
No start time specified - No end time specified
Location: Classroom
Description: 'Twelve Angry Men' - assign parts/ antagonist/protagonist.

Tuesday, February 18, 2003

Science Fair
11:30:00 AM - 12:15:00 PM
Location: Omaha Nebraska
Description: National Science Fair in Omaha this year.

The Web Site Builder: Educator Edition

includes interactive applications:
Calendar
Photo Gallery
Discussion Forum
Opinion Poll

Class Calendar:

Educators can use the **Class Calendar** to post assignments, activities and events.

Visitors can get daily, weekly and monthly news!

Photo Gallery:

Using the **Photo Gallery**, educators can upload photographs or scanned images that are suitable for display on the web.

A great way to show off student exemplars, the class bulletin board, or pictures from the latest field trip!

Teacher Website Tool Demo  from schooltools.us

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Email Mrs. Austin My Classes | Class Calendar | Student Showcase | Resources | Photo Gallery | Forum

- Class Activities
- Field Trips
- Student Artwork
- School Activities



[A young lady](#)
Class Activities



[See what I got](#)
Class Activities

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in NYS have FREE access to**



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Sign up for a password today!**

Contact us to get registered!

www.schooltools.us

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