



Beacon Learning Center

Teaching... Learning... Leading

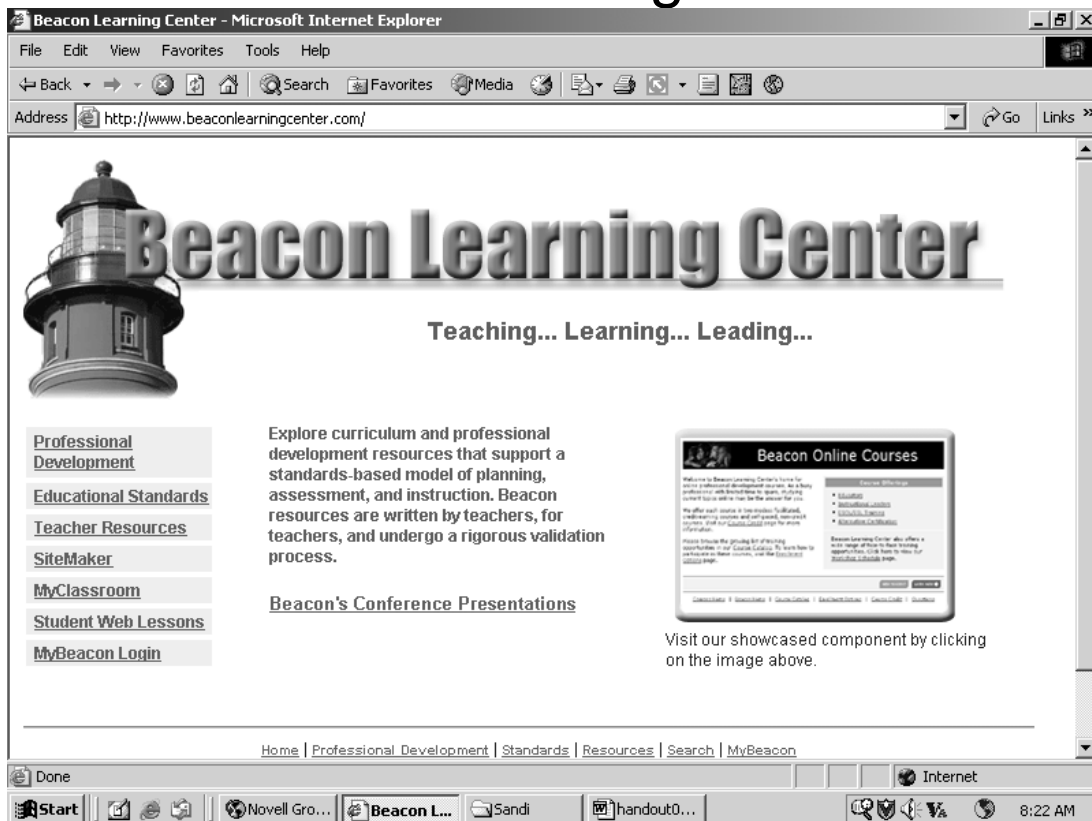
Presents

Technology and Curriculum: The Winning Combination

With
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Find **Free** Unit Plans, Lesson Plans, Student Web Lessons Search for Standards, and More

www.BeaconLearningCenter.com



Search for:

- Unit Plans
- Lesson Plans
- Student Web Lessons
- Books Online
- Sunshine State Standards /Grade Level Expectations
- Staff Development Modules
- Online Courses

How Do I Get the Resources?

All curriculum resources on the Beacon Learning Center site are **free**; however, you must have a **free** Beacon Account in order to download the files that accompany the resources. Follow these instructions to get your **free** Beacon Account.

Register for a **Free** Beacon Account!

1. Start on the Beacon Homepage
www.BeaconLearningCenter.com.
2. Click on the **MyBeacon Login** link.
3. Click the **request an account** link.
4. Complete the form, being very careful to type your email address accurately.
5. Respond to the email from the Beacon administrator to activate your Beacon Account. If you do not receive an email immediately, contact Edwina Bible at Beacon (larameb@mail.bay.k12.fl.us).

Find Unit Plans, Lesson Plans, Student Web Lessons

Begin on the Beacon Learning Center home page. Click **Teacher Resources**, then **Search Tool**. Select the type of resource for the search and follow the directions.

Technology and Curriculum Connection

Listed are examples of technology and curriculum integration and the Beacon Learning Center Unit Plans that utilize the integration.

Although only unit plans are referenced in this document, many additional examples of curriculum and technology integration are available from some of Beacon Learning Center's multitude of lesson plans.

Technology	Curriculum Connection	Beacon Unit/Grade
Books Online (Example: A Real Hero A Penny, A Problem, A President)	<ul style="list-style-type: none"> • Reading in the content area (Social Studies) • Satisfying Standards requirements when appropriate media is not available (Listen to, view, and discuss – Social Studies) 	Mr. President (K)
Student Web Lesson with audio (Sunrise, Sunset)	<ul style="list-style-type: none"> • Reading in the content area (Science) • Interacting with a Web-based instruction and practice with immediate formative feedback (Science) • Hearing an audio component for meeting individual needs (Language Arts - Reading) 	Sky High Counting (K)
Demonstration and/or explanation via Internet	<ul style="list-style-type: none"> • Viewing a simulation of the apparent movement of the sun across the sky (Science) 	Sky High Counting (K)
Student Web Lesson (I Am Special)	<ul style="list-style-type: none"> • Creating and reading graphs (Math) • Reading in the content area (Math) 	All About Me (1 st)
Video	<ul style="list-style-type: none"> • Visualizing content (Science) 	Bedlam in Bedrock (2 nd)
Computer skills and word processing skills	<ul style="list-style-type: none"> • Copying and pasting from an Internet site to a word processing program (Language Arts – Writing) 	Geo Jammin' (2 nd)
Word processor	<ul style="list-style-type: none"> • Displaying graphics to demonstrate geometric figures (Math) 	Geo Jammin' By Design (2 nd)
Student Web Lesson (Travel to Days of Old)	<ul style="list-style-type: none"> • Presenting a visual introduction (Social Studies) • Reading in the content area (Social Studies) • Reading poetry (Language Arts - Reading) 	In Days of Old (3 rd)
PowerPoint	<ul style="list-style-type: none"> • Displaying graphics to assist students in visualizing medieval times (Social Studies) • Using a note-taking outline (Language Arts - Writing) 	In Days of Old (3 rd)
Student Web Lesson with movie clips (Simple Machines Made Simple)	<ul style="list-style-type: none"> • Reading in the content area (Science) • Presenting visual demonstrations using digital movie clips (Science) 	How Can We Move Our Principal? (3 rd)
Student Web Lesson (How Can We Move Our Principal?)	<ul style="list-style-type: none"> • Interacting with Web-based instruction and practice with immediate formative feedback (Science) • Practicing problem solving (Science) 	How Can We Move Our Principal? (3 rd)
PowerPoint Presentation	<ul style="list-style-type: none"> • Presenting a visual demonstration of a dissection (Science) 	The Inside Story (4 th)
Virtual calculator (Imbedded in the Student Web Lesson, Jupiter is Average)	<ul style="list-style-type: none"> • Using an online calculator (Math) 	Outer Space and Cyber Space (4 th)

SiteMaker	<ul style="list-style-type: none"> • Publishing and public viewing of student's writing (Science) 	Outer Space and Cyber Space (4 th)
Internet	<ul style="list-style-type: none"> • Completing research for a specific purpose (Science) 	Outer Space and Cyber Space (4 th)
Just Read Now site (www.justreadnow.com)	<ul style="list-style-type: none"> • Accessing a resource for teaching strategies (Elementary) 	A Television in My Room (4 th)
Email	<ul style="list-style-type: none"> • Using writing skills (Language Arts – Writing) • Receiving a primary source for information (Language Arts) 	Where's the Heart of Florida (4 th)
Internet research	<ul style="list-style-type: none"> • Reading in the content area (Social Studies) • Using research skills (Language Arts) 	A Colony is Born (5 th)
Word processor	<ul style="list-style-type: none"> • Typing poems and submission letters for publication (Language Arts – Writing) 	I'm a Poet and Didn't Know It (8 th)
Digital Imaging PowerPoint	<ul style="list-style-type: none"> • Creating student presentations using digital pictures and PowerPoint (Language Arts) 	Jacob Have I Loved (Grades 6-8)
Just Read Now site (www.justreadnow.com)	<ul style="list-style-type: none"> • Accessing a resource for teaching strategies (Middle School) 	Jacob Have I Loved (Grades 6-8)
Audio clips	<ul style="list-style-type: none"> • Hearing historical audio clips to create atmosphere and to illustrate a time in history (Social Studies) 	Announcing World War II (8 th)
Audio clip	<ul style="list-style-type: none"> • Sharing an actual speech as a demonstration and for student analysis (Language Arts) 	Speak For Yourself (8 th)
Excel	<ul style="list-style-type: none"> • Displaying data collected (Math) 	Challenging Math Poetically (Grades 9-12)
Internet	<ul style="list-style-type: none"> • Searching for job qualifications and availability (Language Arts) 	The Math Connection (Grades 9-12)
Word Processing	<ul style="list-style-type: none"> • Sending letters seeking job information to local businessmen (Language Arts) 	The Math Connection (Grades 9-12)
Calculators	<ul style="list-style-type: none"> • Figuring percentages (Math) 	The Math Connection (Grades 9-12)
PowerPoint	<ul style="list-style-type: none"> • Presenting a visual introduction and assistance for students to follow the lecture (Social Studies) 	Historical Tool Time (Grades 9-12)

Tips on Integrating Technology

1. Teach technology skills within the context of the academic lesson rather than as a separate subject.
2. Encourage students to teach each other technology skills; allow students to work cooperatively.
3. Brainstorm ideas with other teachers. Two heads are better than one.
4. Have student “Technology Experts” for your classroom. This group of responsible students helps with technical problems.
5. Make handouts to match presentations so students are involved with the materials and to facilitate note taking.
6. Get to know your school and/or district technology people. If they know you, and know you are truly trying, they are very helpful!
7. Plan . . . for lab time, time to learn the program, time to trouble shoot.
8. Technology should never compete with Standards-based instruction, but should be used to enhance it. Variety is the key.