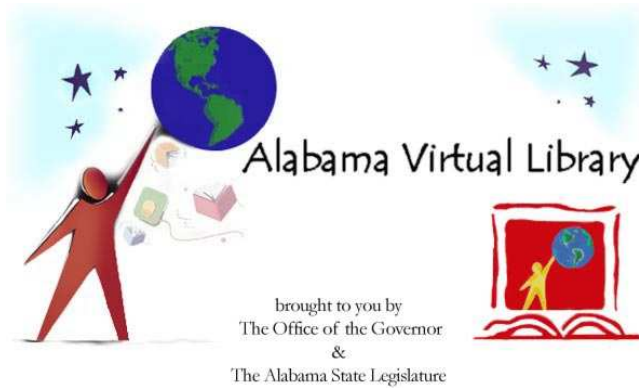


Using the Alabama Virtual Library in the Classroom



<http://www.avl.lib.al.us>

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***Alabama Educational Technology Association
Fall Symposium
October 4, 2004***

Learning Materials

<p>Language Arts</p> <p>Activities: Grades K-5 Language Arts Activities</p> <ul style="list-style-type: none"> • Coyote and the Money Tree <ul style="list-style-type: none"> ○ Menu ○ Story ○ Speaker Icon ○ Quiz ○ Worksheets ○ Printer <p>Study Guides: Grades 6-12 Writing</p> <ul style="list-style-type: none"> • Punctuation: Sentence Flow and Meaning <ul style="list-style-type: none"> ○ Glossary ○ Activities ○ Resources ○ Teacher's Notes ○ Contents List <ul style="list-style-type: none"> ▪ #1 Punctuation and meaning <ul style="list-style-type: none"> • View Animation ▪ #3 End marks: question marks and exclamation points <ul style="list-style-type: none"> • Do Activity 	<p>Mathematics</p> <p>Activities: Grades K-5 Mathematics Activities</p> <ul style="list-style-type: none"> • Animal Flash <ul style="list-style-type: none"> ○ Activity ○ Activity Sheets ○ Crayon ○ Printer <p>Manipulatives: Grades 6-12 Algebra</p> <ul style="list-style-type: none"> • Towers of Hanoi <p>Manipulatives: Grades 6-12 Geometry</p> <ul style="list-style-type: none"> • Pythagorean Theorem <ul style="list-style-type: none"> ○ Scroll through directions on left ○ Complete exercise <p>Study Guides: Grades 6-12 Pre-Algebra</p> <ul style="list-style-type: none"> • Factoring by a Common Factor <ul style="list-style-type: none"> ○ #2 Equivalent Fractions <ul style="list-style-type: none"> ▪ Do Activity
<p>Science</p> <p>Activities: Grades 6-12 Chemistry</p> <ul style="list-style-type: none"> • Chemical Bonding <ul style="list-style-type: none"> ○ Watch/listen to animation ○ Glossary ○ Activity Sheet ○ Quiz ○ Lesson Plan <p>Website Activities: Grades 6-12 Science Web Site Activities</p> <ul style="list-style-type: none"> • Dinosaurs <ul style="list-style-type: none"> ○ Scroll through PDF file 	<p>Social Studies</p> <p>Website Activities: Grades K-5 Social Studies Web Site Activities</p> <ul style="list-style-type: none"> • Across the United States <ul style="list-style-type: none"> ○ Scroll through PDF file <p>Encyclopedia Activities: Grades 6-12 Social Studies Encyclopedia Activities</p> <ul style="list-style-type: none"> • World War II <ul style="list-style-type: none"> ○ Scroll through PDF file

To use these resources to the fullest extent - you must have the following programs downloaded on your system. These are free programs that are either included with your browser or may be downloaded.

Adobe Acrobat Reader - <http://www.adobe.com/products/acrobat/readstep2.html>

Macromedia Flash Player - <http://www.macromedia.com/software/flashplayer/>

Macromedia Shockwave Player - <http://www.macromedia.com/software/shockwaveplayer/>

Microsoft Media Player - <http://www.microsoft.com/windows/windowsmedia/download/default.asp>

Apple QuickTime - <http://www.apple.com/quicktime/download/>

RealPlayer - <http://www.real.com> (look for Free Real One on top right of screen to download)

LEARNING MATERIALS:

The *Activities* available from the menu on the right side of the Britannica Online School Edition, include:

	Grades K-5	Grades 6-12
Language Arts	<ul style="list-style-type: none"> • 19 Activities • 22 Reading Exercises • 6 Writing Exercises 	<ul style="list-style-type: none"> • 43 Study Guides covering American Literature, English Literature, Literary Genres and Writing • 6 Web Site Activities
Math	<ul style="list-style-type: none"> • 34 Manipulative Activities covering Algebra, Geometry, Numbers and Operations, and Statistics • 15 Activities • Over 100 Exercises broken down by grade level 	<ul style="list-style-type: none"> • 39 Manipulative Activities covering Geometry, Pre-Algebra, Algebra, Statistics, and Fractals • 29 Study Guides covering Geometry, Pre-Algebra, Algebra, and Statistics
Science	<ul style="list-style-type: none"> • 4 Earth & Space Exercises • 17 Life Science Exercises • 5 Physical Science Exercises • 6 Web Site Activities 	<ul style="list-style-type: none"> • 11 Earth & Space Activities • 14 Life Science Activities • 13 Chemistry Activities • 17 Physics Activities • 6 Web Site Activities
Social Studies	<ul style="list-style-type: none"> • 32 Encyclopedia Activities • 12 Web Site Activities 	<ul style="list-style-type: none"> • 32 Encyclopedia Activities • 12 Web Site Activities

VIDEO BROWSE

Accessible from the *Learning Materials* menu on the right of the screen in the Britannica Online School Edition, educational videos are organized by subject category as follows:

- Language Arts - Reading, Writing, Speaking, and Listening
- Mathematics - Geometry and Measurement
- Science - Earth & Space, Physical Science, and Life Science
- Social Studies - Geography, History, Government, Cultures, and Holidays

Students can view these clips to supplement learning. Click a link to open a video window, select a player (if necessary), and watch and listen. You can also use the regular search box on the School Edition and click the option to search Video & Media only.

SPOTLIGHTS

Accessible from the *Learning Materials* menu on the right side of the screen, the multimedia Spotlights are like Web sites. They cover a variety of topic areas (Civil War, Shakespeare, Dinosaurs). Some include activities, quizzes, study guides, and teacher guides.

Join AVL Listserv

The AVL listserv provides you with service bulletins and other announcements pertaining to the AVL. To join:

- Go to: <http://list.virtual.lib.al.us/mailman/listinfo/avl>
- Scroll until you see *Subscribing to AVL*.
- Enter your email address in the space provided. Scroll to the bottom of this page and click on *Subscribe*.

Serials Solutions / EBSCO / Gale

Serials Solutions is a tool that can be used to determine whether or not the full-text of a particular magazine/journal is available through AVL. And if it is available, which database contains which issues. Serials Solutions allows you to search for a specific journal, browse journals by title, and browse journals by subject.

Example: Click on "Serials Solutions".
Enter "Time" next to "Title contains all words"
Click "Search"



Time for kids (1084-0168)

from 01/01/1995 to present in [General Reference Center Gold](#) and [InfoTrac OneFile](#)
from 02/01/2001 to present in [InfoTrac Junior Edition](#)
from 03/01/2001 to present in [InfoTrac Kids Edition](#)
from 09/01/1996 to present in [MasterFILE Premier](#), [Middle Search Plus](#), [Primary Search](#) and [MAS Ultra - School Edition](#)

Time for Kids (Teacher's Edition) (1084-0168)

from 01/24/2003 to present in [Professional Development Collection](#)

MasterFILE Premier, Middle Search Plus, Primary Search, & MAS Ultra – School Edition are EBSCO. General Reference Center Gold, InfoTrac OneFile, General Reference Center Gold, InfoTrac Junior, & InfoTrac Kids are Gale. Professional Development Collection is also EBSCO.

Using EBSCO's MAS Ultra – School Edition, find all the articles in the Sept. 10, 2004 issue.

Click *+2004*.
Click *Vol. 10 Issue 1 – 9/10/2004 World Edition*.
Click on "*Hurricane Frances Whips the Coast*".

Note Lexiles
HTML v. PDF



To search for images in EBSCO (MAS Ultra or Primary Search):

Click on *Images*
Enter "*Hurricane Ivan*" *revise hurricane*
Click *Search*

To copy/paste the image:

Right click on picture and select *copy*
Open document you would like to insert image into. Then, right click and select *paste*
At this point the picture can be modified

Now, using InfoTrac OneFile, find all the articles in the Sept. 10, 2004 issue. Note: dates & Oct. 1 issue also avail

Click *Journal Search*.
Enter "*Time for Kids*" (include quotes around the magazine title) and click *Search*.
Click "*Time for Kids*".
Click on *Sept. 10, 2004* issue.



Click on "*Hurricane Frances Whips the Coast*".
Scroll to the bottom. Notice the *Related Articles* and the *Print, e-mail, and other retrieval options*.

To search for images in Gale (InfoTrac OneFile):

Click on *Google* link at top of results list
Enter "Hurricane Ivan"

Gale automatically defaults to the Google SafeSearch "strict" filtering option. While no filter is 100% effective, testing has shown that images that could be considered offensive are typically not returned via the Google Image Search.

AccessScience

Click on the "Tutorial" (top menu bar) to learn how to use AccessScience.

Be sure to try the Advanced Search option. It is very powerful and easy to use.

Also, check out the "Data, Tables, and Tools" sections; here you will find many useful tables. For example, click on *Chemistry* and select "Data, Tables, and Tools". Open the Periodic Table and click on any element to find an overview of the element. Or, open the Geological Time Scale and discover geographic information on the various time periods.



Would you like to produce a play in your own classroom. Check out the plays available in LitFinder. Click on the Plays tab at the top of LitFinder, then choose to Browse



On the left side of the screen you can choose plays by Subject, Genre, Nationality or Time Period. This is a great way to increase reading skills and have fun in the classroom.



Looking for some resources to help your students learn to use the Gale Databases? Go to <http://www.galegroup.com> and try the G-Whiz Kidz Quiz. Depending on your school district's policy for letting students use their names online - you can either let them complete the quiz online, or print it off for them to complete.

For Elementary Schools: http://www.galegroup.com/schools/whiz_kidz/elementary/index.htm

For Middle & High Schools: http://www.galegroup.com/schools/whiz_kidz/high_school/index.htm

Also check out Gale's Free Resources at www.galeschools.com. Choose the "Student" tab at top to locate the following, and more:

1. Black History Month - resources include: activities, biographies, links, literature, quiz, and a timeline. The "featured titles" link give books you can buy from Gale on this topic - so if your funding is like most school districts' - you can skip this link.
2. Celebrating Hispanic Heritage - resources include: activities, biographies, links, music, quiz and a timeline. (It also has "featured titles.")
3. Women's History Month - resources include: activities, biographies, links, quiz, timeline, and women's rights on trial (this has some info, but to get the complete "Women's Rights on Trial" you have to buy Gale's book).
4. Refrigerator Art offers downloadable pictures to color, appropriate to the current month.

The "Media Specialists" and "Teachers" tabs also have Free Downloads and Lesson Plans to enhance your classroom and teaching activities.

Remember: In accessing the above Gale resources, you are outside the AVL. However, AVL resources may be used to answer the quizzes.



ACTIVITIES

Choose the Activities option under the Database Features at the bottom right of the screen and find numerous articles with related worksheets that can be printed off and used in the classroom (example - seek a word, cross word puzzles), or instructions for activities (example - making bird nest soup, making your arms into zombie arms). Using the source and summary legend, you can choose an activity or project just right for the age group you are teaching. Create entire class lessons around many of these activities.

WORKBOOKS

Choose Workbooks at the very bottom of the SIRS Discoverer home page and download Educators' Guides (designed to help educators get the most out of SIRS Discoverer and provides information about the Student Workbooks as well as the answer key to them.), Student Workbooks (elementary or middle school versions, designed to help students learn to use SIRS Discoverer), or Research Strategies Overview and Worksheets (especially useful to teach students how to start writing a research paper). Adobe Acrobat Reader needed.

CHALLENGE QUEST

Every month a new Challenge Quest is posted to SIRS Discoverer. The Challenge Quests are research questions designed to help students learn to use the Discoverer Database to find answers. To access this Quest, choose "Suggested Research Topics" from the Database Features to the bottom right of the home page. The challenge quest is posted to the bottom left of the Suggested Research Topics screen. The prior month's answers are also printed.

SIRS Knowledge Source Search Portal for SIRS Databases

CHALLENGE QUEST

Challenge Quests are questions designed to help students learn to use the various SIRS databases to research answers. Each month a new Challenge Quest is available for each Database (Researcher, Government Reporter, and Renaissance). To access the Challenge Quests, choose the Database Features tab from the SIRS Knowledge Source home page, then choose Suggested Research Topics under each database to find the Challenge Quest. Answers are posted the following month.

LIBRARIAN'S CORNER

Government Reporter Educator's Guide – (see *Just for Librarians*) This 31-page guide located under "SIRS Government Reporter" provides educators with Lesson Plans and Worksheets for various topics within the Government Reporter Database. Topics include: U.S. Supreme Court Decisions, Bioethics, Environment, Constitutional Amendments, and much more. (Requires Adobe Acrobat Reader)

Research Strategy Worksheets – (see *Just for Librarians*) This 4-page guide located under "SIRS Government Reporter" provides educators with student worksheets that assist the student in learning to research topics using SIRS databases. (Requires Adobe Acrobat Reader)

Internet Resources – (see *Just for Teachers*) SIRS Internet Resources provides educators with the Curriculum Standards for Alabama, as well as links to Lesson Plans for various subjects.

DATABASE FEATURES TAB

Country Profile Documents - Click on Country Profiles under SIRS Government Reporter and find information on hundreds of countries - including, geography, government, people, economy, foreign relations and more. Be sure to click on the "Graphics" icon that appears at the top and bottom of each profile to find a map of the country and sometimes a flag of the country.

Maps of the World - Find a map quickly. Select "Maps of the World" from SIRS Researcher and then find maps of the United States, Canada, Regions, and Nations. Some include both, physical and political maps.

CITING AVL SOURCES IN MLA AND APA FORMAT

Britannica Online

Citation information is available at the bottom of each article in APA and MLA format.

MLA Style:

"Chinese New Year." Britannica Elementary Encyclopedia. 2003. Encyclopædia Britannica Online School Edition. 22 May, 2003 <<http://school.ed.com/ebk/article?eu=415556>>.

APA Style:

Chinese New Year. Britannica Elementary Encyclopedia. Retrieved May 22, 2003, from Encyclopædia Britannica Online School Edition. <<http://school.ed.com/ebk/article?eu=415556>>.

EBSCO

Citation information is available from the Help option at the top right screen of each EBSCO database. From the Help - Contents listing - choose "Styles of Citation" and then choose "Modern Language Association " (MLA), or "American Psychological Association" (APA).

MLA Style:

Author's Last Name, First Name. "Title of work." Article's original source and publication date: page numbers. Product name. Publisher. Date researcher visited site. <Electronic Address, or URL, of the source>.

For example:

Tator, Charles, James D. Carson, and Robert Cushman. "Hockey injuries of the spine in Canada, 1966- 1996." CMAJ: Canadian Medical Association Journal Vol.162 Issue 6, 03/21/2000, 787. Available from Academic Search Elite [database on-line]. EBSCOhost. Accessed 15 November 2000. <<http://search.epnet.com>>.

APA Style:

Author (date of original source). Article title. *Original source of article*, page numbers. (Retrieved [month day, year,] from [source] database ([name of database]).

For example:

Tator, C., Carson, J. D., & Cushman, R. (2000) Hockey injuries of the spine in Canada, 1966 - 1996. *CMAJ: Canadian Medical Association Journal*, 162(6), 787+. Retrieved November 15, 2000, from EBSCOhost database (Academic Search Elite).

Gale Databases

Information on citing articles is available from the results screen by clicking on "Help - Citation" in the blue menu on the left side of the screen, the clicking on the hypertext link "standard style" on the help page. More examples are given on the help screen than those shown below.

MLA Style:

Davidson, Paul. "Globalization." Journal of Post Keynesian Economics 24 (2002): 475+. Expanded Academic ASAP. Gale Group Databases. College of Staten Island Lib., NY.15 Apr. 2002. <<http://www.infotrac.galegroup.com>>.

APA Style:

Battersby, John (1999, May 10). Nelson Mandela's Moral Legacy. The Christian Science Monitor. Retrieved November 21, 2001, from InfoTrac Web InfoTrac OneFile CJ54593610.

The above are shown only as examples for citing AVL Database articles. Guidelines for citing electronic sources are not yet standardized. Information sources, such as the Internet, are constantly changing, and therefore citation formats are adapting to these changes.

WHERE DO I START?

If you are new to AVL and need some help getting started with your searches, here are some starting points.

If you are looking for ...	Try this database ...
General information in magazines (elementary school)	InfoTrac Kid's Edition or Searchasaurus or Primary Search
General information in magazines/journals (middle school)	InfoTrac Jr. Edition or Middle Search Plus
General information in magazines/journals (high school)	InfoTrac Student Edition or MAS Ultra – School Edition
General information in magazines/journals (adult)	InfoTrac OneFile or MasterFILE Premier
Quizzes, puzzles, activities	SIRS Discoverer
Medical information	Health Source: Consumer Edition
Online learning games & tutorials	Britannica Online School Edition
Research for graduate classes	Professional Development Collection or ERIC
Literary criticisms	Literature Resource Center
Science research	Access Science
Research on companies	Business and Company Resource Center or Business Source Elite