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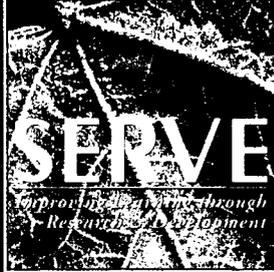
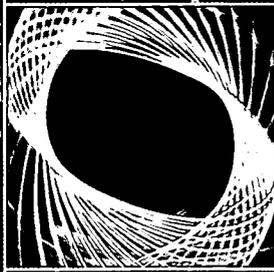
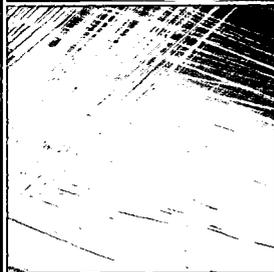
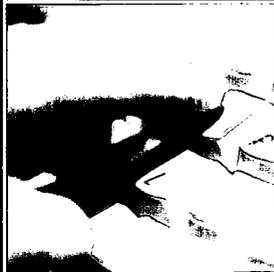
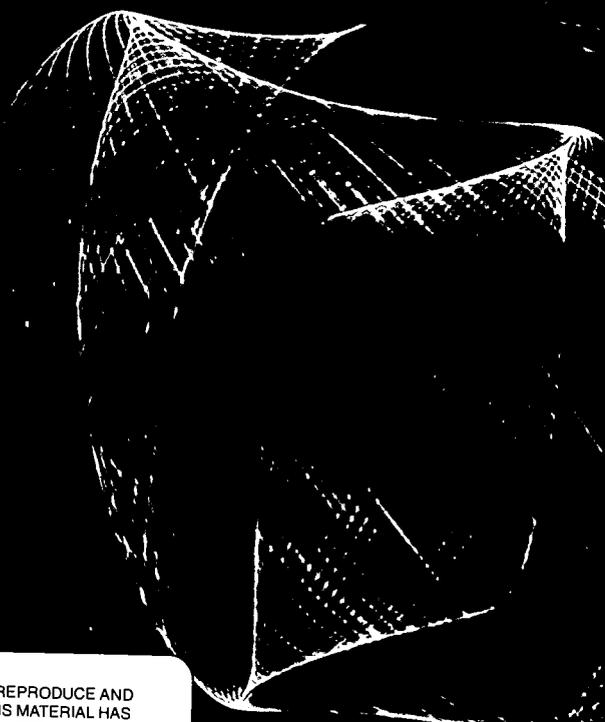
## ABSTRACT

In the past 5 years, each state in the Southeastern Regional Vision for Education (SERVE) region (Alabama, Florida, Georgia, Mississippi, North Carolina, and South Carolina) developed virtual libraries that provide citizens access to licensed databases. This guide describes each state's offerings including the methods of access, resources, and available help and training. A primer in search conventions and strategies as well as a list of suggested Internet search tools and their unique features are also provided. Three appendices include an alphabetical list of licensed databases, a list of licensed databases by vendor, and a bookmark with virtual library names and URLs. (AEF)

# Virtual Libraries

## in the Southeast

ED 456 849



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### A Guide to Online Databases

### Available to Educators in the SERVE States

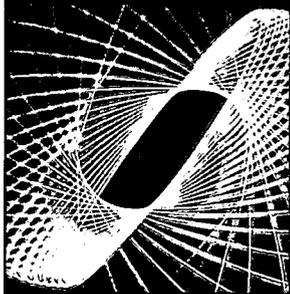


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# VIRTUAL LIBRARIES

In the Southeast



A Guide to Online Resources Available to  
Educators in the SERVE States



The Technology in Learning Program

## SERVE

*Improving Learning through  
Research & Development*

TECHNOLOGY

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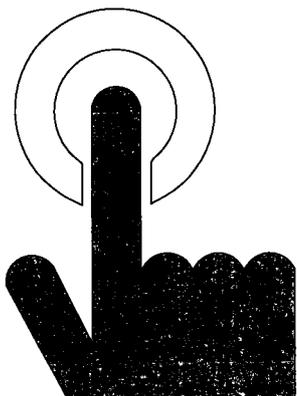
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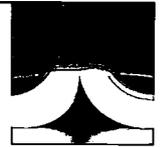
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## TABLE OF CONTENTS

4	<b>Introduction</b>
5	<b>Chapter 1</b> <b>Virtual Libraries in the SERVE Region</b>
5	Virtual libraries in the SERVE region overview
6	Map of the six states with virtual library acronyms
7	Description of each virtual library—focus on licensed databases
28	Comparison chart of each state's offerings
29	<b>Chapter 2</b> <b>Basic Search Techniques—Concepts</b> <b>Applicable to Both Licensed Databases</b> <b>and Internet Search Tools</b>
29	Boolean logic
33	Wildcards and truncation
34	Proximity operators
35	<b>Chapter 3</b> <b>Internet Search Tools</b>
35	Explanation of search tools
36	Twelve suggested search tools (with URLs and unique features)
39	<b>Appendices</b>
39	A. Alphabetical listing of licensed databases
54	B. Listing of databases by vendor
69	<b>About SERVE</b>



## OVERVIEW

In the past five years, each state in the SERVE region developed virtual libraries that provide its citizens access to licensed databases. This guide, *Virtual Libraries in the Southeast*, describes each state's offerings including the methods of access, resources, and available help and training. A primer in basic search conventions and strategies as well as a list of suggested Internet search tools and their unique features also are provided. The three appendices include

- ◆ Alphabetical list of licensed databases
- ◆ List of licensed databases by vendor
- ◆ Bookmark with virtual library names and URLs

## PURPOSE

The intended audience for *Virtual Libraries in the Southeast* includes K–12 educators, preservice teachers, teacher educators, and educational researchers in SERVE member states of Alabama, Florida, Georgia, Mississippi, North Carolina, and South Carolina. Initial contacts with state representatives for these virtual libraries have supported the need for such a document to learn more about similar efforts mounted in neighboring states. Interviews indicate that educators in the K–12 arena are generally aware that these libraries exist, but many are not cognizant of the full range of resources available through them and how to best utilize these resources provided by their state. In order to address these customer needs, Technology in Learning at SERVE staff members developed this guide—both in print and electronic ([www.serve.org/publications/vlib.htm](http://www.serve.org/publications/vlib.htm)) versions.

## VIRTUAL LIBRARIES IN THE SERVE REGION

SERVE takes pride in assisting and promoting the development of education resources in its client states. The emergence of publicly supported “virtual libraries” that make information available via the Internet has added a new dimension to resources available to educators in the states in SERVE’s region. Resources such as licensed online databases that were once hard to access and expensive to use are now available free of charge to eligible participants through virtual libraries.

The development of these virtual libraries has occurred within the last five years, beginning with Georgia’s GALILEO, a trailblazer that has become the model for many other virtual libraries. SERVE’s other client states have followed suit in providing virtual libraries of varying complexity based on available funding. North Carolina features two virtual libraries geared toward different audiences. The virtual libraries by state are as follows:

Alabama	Alabama Virtual Library (AVL)
Florida	Florida Information Resource Network (FIRN)
Georgia	Georgia Library Learning Online (GALILEO)
Mississippi	Mississippi Alliance for Gaining New Opportunities through Library Information Access (MAGNOLIA)
North Carolina	North Carolina Libraries for Virtual Education (NC LIVE)
North Carolina	North Carolina WISE OWL (NC WISE OWL)
South Carolina	DISCUS—South Carolina’s Virtual Library

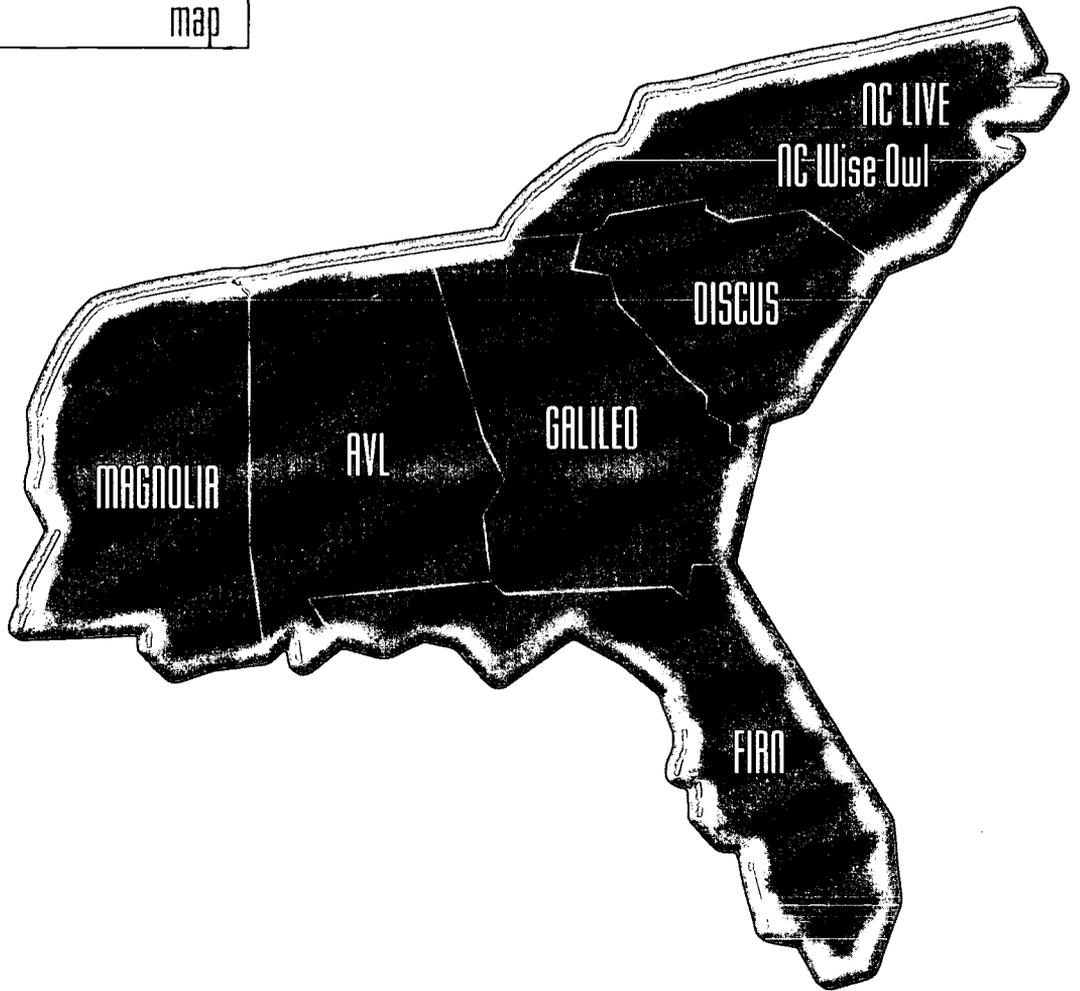
The detailed descriptions of each state’s virtual library offerings include:

- ◆ Development information
- ◆ Funding
- ◆ Audience
- ◆ Featured resources
- ◆ Licensed online databases
- ◆ Training and help opportunities

A state-by-state comparison chart lists online database vendors that have offerings currently licensed by each state. *Note that resources identified in the state summaries, database listings, and comparison chart may change annually.*

Virtual Libraries  
in the SERVE  
Region

map



**Name of Virtual Library: Alabama Virtual Library (AVL)**

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

Initial Year: 1999

Sponsor: Alabama Public Library Service (APLS)

Funded by: Alabama State Legislature  
(\$3,000,000 initial funding)

Eligible Audience: The citizens of Alabama with special emphasis on the K-12 school systems, two-year colleges, four-year colleges, and university educational communities

**HOW TO ACCESS**

The Alabama Virtual Library's homepage is accessible to all computers with an Internet connection and Web-browser software. Recommended Web browsers are Netscape version 4.0 and higher or Microsoft Explorer version 4.0 and higher. Access to licensed databases is as follows:

**K-12 Public Schools:** On-site access is based on individual Internet Protocol (IP) addresses of the institution's computers. Access is gained via a password issued by the local school technology coordinator. Remote access via the Internet is available through log-in with this password.

**Higher Education Locations:** On-site and remote access is based on individual institution policy.

**Public Libraries, Home, Office, Other Remote Locations:** AVL is available on-site at Alabama public libraries. Remote users must visit a local public library to request a remote access card and password (expires after one year, can be renewed). Users may use password to log-in via the Internet.

Each remote session expires two hours after the last recorded AVL activity. Users must log-in again to start a new session.

**FEATURED RESOURCES**

- ◆ Links to Alabama libraries: Users may access individual libraries or search all listed libraries at one time.
- ◆ Thirty-eight licensed databases

**VENDOR/DATABASES****Bell and Howell ProQuest**

PA Research II, Career and Technical Education, Gold Full Text Periodicals, JuniorQuest Periodicals, KidQuest Periodicals

**EBSCOhost**

Academic Search Elite, Business Source Elite, Ethnic NewsWatch, Health Source Plus, Professional Development Collection, Newspaper Source, Vocational Search

**Encyclopedia Britannica Online**

Encyclopedia Britannica, Merriam-Webster Collegiate Dictionary

**Facts on File**

African-American History and Culture

**Gale Literary Resources**

Contemporary Authors, Scribner Writers Series, Twayne Authors Series—World, English, and U.S. Authors

**Grolier Online**

New Book of Knowledge, Grolier Multimedia Encyclopedia, Encyclopedia Americana

**Infonautics**

Electric Library

**McGraw-Hill**

AccessScience

**OCLC FirstSearch**

WorldCat, OCLC Union List of Periodicals, ArticleFirst, ContentsFirst, NetFirst, PapersFirst, ProceedingsFirst, GPO Monthly Catalog, MEDLINE, OCLC Electronic Collections Online

**Roth Publishing**

Poemfinder

**SIRS**

Discoverer, Researcher, Renaissance, Government Reporter

See Appendix A for more information about individual databases and suggested audiences and uses.

## TRAINING/HELP/OTHER RESOURCES

Alabama Virtual Library offers many options for both online and point-of-contact training in the use of AVL's resources.

**Trained volunteers** are available in local areas. AVL provides a list of volunteer trainers, listing contact information, home organization, geographic area of availability, databases taught, and preferred audience. The volunteer list may be sorted by date of list entry, name, county, or organization. AVL also provides an online submission form for potential volunteers.

An **online repository** of training outlines, lesson plans, and handouts from train-the-trainer sessions and from individual libraries is maintained by AVL. The repository submissions currently include EBSCOhost and Electric Library training materials and a Gale databases' PowerPoint presentation. AVL users are encouraged to submit any training materials they have developed to share with other AVL participants.

Links to online tutorials for several of the licensed databases including EBSCOhost, OCLC FirstSearch, Electric Library, Grolier Encyclopedias, Encyclopedia Britannica, Bell and Howell ProQuest, and SIRS Discoverer are provided by AVL.

**Help Desk** service is available via e-mail at [avlhelpdesk@asc.edu](mailto:avlhelpdesk@asc.edu) or telephone at 256-971-7487.

AVL provides an online **Frequently Asked Questions (FAQs)** sheet with pertinent questions about AVL service and use. The FAQs sheet is updated on a regular basis as new questions are posed or new features added.

Alabama Virtual Library features a **listserv** for general online discussion. Users may subscribe to share information with other users and to learn of AVL news and tips.

**Online help** is provided by each individual licensed database.



**Name of Virtual Library: FIRM (Florida Information Resource Network)**

URL: <http://www.firn.edu>

Initial Year: 1995

Sponsor: Florida Department of Education

Funded by: Florida State Legislature

Eligible Audience: Florida PreK–16 public schools, private schools/home schools (must be enrolled with FIRM), higher education faculty and staff (students may be enrolled if sponsored by faculty member)

### HOW TO ACCESS

The Florida Information Resource Network homepage is accessible to all computers with an Internet connection and Web-browser software. Access to many of FIRM's resources is available to anyone via links from the homepage. Access to FIRM's licensed databases for eligible users is as follows:

**PreK–12 Public Schools:** On-site access is based on the institution's individual computers' Internet Protocol (IP) address. Remote access is available through dial-up via point-to-point protocol (PPP) software and log on with a FIRM username and password. Once the IP address is assigned to the user's computer by the dial-up server, the user may click on links to licensed databases without a username or password.

**Higher Education Locations:** On-site access is based on individual IP address (for individual user or department computers based on FIRM's authorized IP addresses). Remote access is available through dial-up via PPP software and log on with the FIRM username and password. Once the IP address is assigned to the user's computer by the dial-up server, the user may click on links to licensed databases without a username or password.

**Public Libraries, Home, Office, Other Remote Locations:** FIRM is available at Florida public libraries via remote access only. Remote access for public libraries and other remote locations is available through dial-up via PPP software and log on with the FIRM username and password. Once the IP address is assigned to the user's computer by the dial-up server, the user may click on links to licensed databases without a username or password.

Remote access via FIRN dial-up is limited to two hours per session.

## FEATURED RESOURCES

FIRN encompasses many services beyond a virtual library. FIRN provides e-mail accounts and listserv capabilities for registered users as well as webpage hosting for qualifying institutions. Users may access the following resources through FIRN's homepage:

- ◆ Florida Department of Education Homepage
- ◆ Florida Educators Cyberspace Network  
Provides links to Florida institutions that are accessible via the Internet. Includes post-secondary community colleges, colleges, universities, state and federal agencies, laboratories, museums, associations and organizations, freenets, and community networks.
- ◆ Florida Public Schools and Organizations
- ◆ Administrative Resources
- ◆ State and U.S. Government
- ◆ Software Download  
FIRN maintains a limited software archive that users may access to download programs from this link.
- ◆ Instructional Resources  
FIRN provides links to approved websites suitable for teachers and students. Categories include Arts, Math, Computer Technology, Home Schools, Lesson Plans, Resource Database, various newspapers online, television networks online, and many other useful reference sites including CliffsNotes, Roget's Thesaurus, and The Virtual Reference Desk.
- ◆ SUNLINK  
SUNLINK is a database maintained by the Florida Department of Education, which catalogs school library media center holdings in Florida's K-12 public schools. The database is available via the Internet at the following

address: <http://www.sunlink.ucf.edu> and may also be accessed through the FIRN website. SUNLINK can be searched by author, title, and subject and also allows the use of Boolean logic to search by keyword, location, format, or language.

- ◆ Licensed Online Resources  
FIRN provides five licensed databases.

## VENDOR/DATABASES

### **Bell and Howell ProQuest**

Professional Resources

### **Encyclopedia Britannica**

Encyclopedia Britannica Online

### **Grolier Online**

Encyclopedia Americana, Grolier Multimedia Encyclopedia, New Book of Knowledge

See Appendix A for more information about individual databases and suggested audiences and uses.

## TRAINING/HELP/OTHER RESOURCES

FIRN features a **technical assistance contact person**, called a "FIRNTEC," in each school district office, who can offer training in the use of FIRN to local educators. FIRNTECs also maintain a training program that trains a contact at each school to assist colleagues and peers in using FIRN and the Internet.

FIRN offers a **help desk** staffed with operators to assist users with problems Monday through Friday from 8:00 a.m. to 10:00 p.m. and weekends from 10:00 a.m. to 6:00 p.m. Users may contact FIRN for assistance via e-mail at [helpdesk@firn.edu](mailto:helpdesk@firn.edu). Users may also leave messages for assistance on FIRN's bulletin board.

FIRN provides online help including a **Frequently Asked Questions (FAQs)** list as well as an online **FIRN Internet Guide** to assist users. The FIRN Internet Guide is also available in print.

FIRN offers a **listserv** for both educators and for administrators to enable users to share updates and other information and ideas and help each other problem-solve.

**Name of Virtual Library:** GALILEO (GeorgiA LIbrary LEarning Online)

**URL:** <http://www.galileo.peachnet.edu>

**Initial Year:** 1995

**Sponsor:** University System of Georgia

**Funded by:** State Lottery  
(\$10,000,000, initial funding)

**Eligible Audience:** University System of Georgia, Georgia K–12 schools, public libraries, adult technical institutes, and various private colleges and universities

## HOW TO ACCESS

GALILEO is available online via the Internet to computers with an Internet connection and Web-browser software. Only versions 4.0 and above of Netscape Navigator and Microsoft Internet Explorer are fully compatible with GALILEO.

GALILEO's homepage is accessible to the general public and offers databases and other resources available free of charge. GALILEO also features a number of licensed databases that are available to currently enrolled students, faculty, staff, and public library patrons on-site at participating GALILEO institutions. Remote access to most licensed databases is also available via password to students, faculty, staff, and patrons.

**K–12 Public Schools:** Access on-site is based on the specific institution's computers' Internet Protocol (IP) addresses registered with GALILEO. Remote access for K–12 educators and users is available via the Internet by logging in with a password that is institution-specific and changes every quarter. The password is available from the school's System Media Contact Person (SMCP).

**Higher Education Locations:** On-site and remote access for currently enrolled students, faculty, and staff are based on the individual institution's computers' IP addresses and institution policy. Remote access is available via the Internet by logging in with an institution-specific password that changes every quarter and is available from the institution library.

**Public Libraries, Home, Office, Other Remote Locations:** Access to Galileo's resources is available on-site at Georgia public libraries. Remote access is available to registered public library patrons via the Internet by logging on with a password issued by their public library. The password changes quarterly and is based on the individual's library's computers' IP addresses registered with GALILEO.



**FEATURED RESOURCES**

- ◆ Links to databases made publicly available online by GALILEO, such as US Census data, the ERIC education database, Encyclopedia Britannica/Merriam-Webster Collegiate Dictionary Online, and various Georgia-specific databases such as Government Publications, Historic Newspapers, Legislative Documents, and Libraries Journal List as well as the GeorgiaNet databases such as the Department of Archives and History, Administrative Rules and Regulations, General Office, Corporate Search, State Legal Code, and State Agencies.
- ◆ Internet Resources—Annotated links to free World Wide Web resources of scholarly, educational, or general utility. These resources are selected, categorized, and maintained by GALILEO staff and other Georgia information specialists based on their usefulness for research.
- ◆ Georgia Library Catalog Links—Links to online catalogs for the Georgia University System, Georgia private academic libraries, public and other libraries.

The licensed databases and the public databases/Internet Resources links are categorized both alphabetically and by the following topics:

**Licensed and Public Database/Resource Categories**

Arts and Humanities	Engineering and Physical Sciences
Business and Economics	Full-Text Books
Earth Sciences	Full-Text Journal/ Newspaper Articles
Education	General Indexes

Governmental Publications	Newspapers
High School	Public Affairs and Law
Kids' Stuff	Reference Sources
Life Sciences	Social Sciences
Medicine and Health Services	



Over 135 licensed databases are available to the general public and the education community. GALILEO particularly recommends the following databases to K-12 students and educators:

**VENDOR/DATABASES**

**Bell and Howell ProQuest**

PA Research II

**Career Guidance Foundation**

College Source Online

**EBSCOhost**

Ebsco Animals, Funk & Wagnall's Encyclopedia, MAS FullText Ultra, MasterFile Premier, NoveList Reader's Advisory, Searchasaurus Primary/Elementary, Searchasaurus Middle School Plus

**Encyclopedia Brittanica Online**

Encyclopedia Brittanica, Merriam-Webster Collegiate Dictionary

**Grove Dictionaries, Inc.**

Grove Dictionary of Art

**H.W. Wilson Company (via FirstSearch)**

SIRS Researcher

**OCLC FirstSearch**

Wilson Select, World Almanacs

See Appendix A for more information about individual databases and suggested audiences and uses.

**TRAINING/HELP/OTHER RESOURCES**

GALILEO is carefully designed to enable the user to function autonomously. The GALILEO homepage prominently features a link entitled "Where to Begin." The link connects the user immediately to a **Frequently Asked Questions (FAQs)** list with answers provided, which is divided into the following areas:

- ◆ Basic Information
- ◆ Password
- ◆ Browser
- ◆ Searching
- ◆ Georgia Library Catalogs
- ◆ DNS Messages
- ◆ Printing
- ◆ Software

Access is provided to **demos and tutorials developed by member institutions** such as Georgia State University and Valdosta State University for use of GALILEO and its licensed databases and other resources.

GALILEO also features **links to EBSCOhost and ProQuest vendor-developed demos and tutorials** for their licensed databases.

Point of contact **training opportunities** featuring registration and contact information are regularly posted online.

The GALILEO **Help Menu**, also accessible from the homepage, is divided into three areas.

- ◆ The *Where to Begin* section has a series of explanatory screens for new users, featuring topics such as databases vs. Internet resources, how to choose a database, how to find journal/magazine articles, determining if a particular library owns a specific publication, and GALILEO access options.
- ◆ The *General Information on the GALILEO Interface* section describes such items as e-mailing, downloading, searching techniques and conventions (including a chart of this information for the GALILEO, EBSCOhost and Bell & Howell interfaces), copyright law, passwords, printing, saving, and full

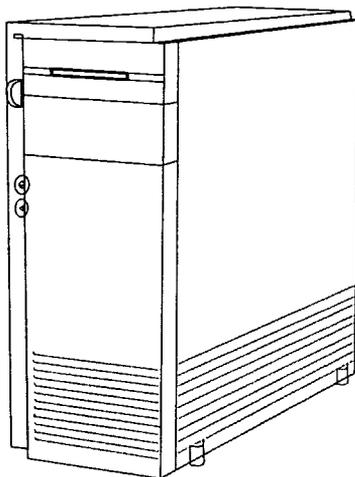
text publications. The information listed here is applicable in all facets of GALILEO usage.

- ◆ The *Database-Specific Information* section gives information on the most efficient techniques for navigating and using various databases and resources featured by GALILEO.

GALILEO **brochures** are available as downloadable PDF files for member libraries to use as instructional aids. The PDF files can be downloaded to a disk for printing by a commercial printer or may be printed on a computer printer.

GALILEO distributes announcements about GALILEO changes and status reports via a **listserv**. Users may subscribe to this listserv to stay abreast of current information and developments.

If the user is able to access GALILEO, questions and problems can be addressed by using the "**Leave a Comment**" feature, which can automatically supply important information about the current session to answer questions. If the user is unable to access GALILEO, the user may address questions to the **HelpDesk** at [HelpDesk@peachnet.edu](mailto:HelpDesk@peachnet.edu).



**Name of Virtual Library:** MAGNOLIA (Mississippi Alliance for Gaining New Opportunities through Library Information Access)

URL: <http://www.lib.usm.edu/~magnolia/magnolia.html>

Initial Year: 1997

Sponsor: Council on Educational Technology

Funded by: Mississippi State Legislature  
(\$1,086,000 for FY 2000-2001)

Eligible Audience: Mississippi public K-12 schools, public libraries, community college and university libraries

### HOW TO ACCESS

MAGNOLIA's homepage is accessible via the Internet to any computer with an Internet connection and Web-browser software. MAGNOLIA recommends using the most current version available of the user's Web browser. Access to licensed databases for each user community is as follows:

**K-12 Public Schools:** Both on-site and remote access to MAGNOLIA's licensed databases is granted via use of a user ID issued by the user's school. On-site access is based on the individual computer's Internet Protocol (IP) address. Users log in with their user ID from the K-12 Resources Page link on the MAGNOLIA homepage. Remote users access the MAGNOLIA homepage via the Internet and then log in with their user ID after choosing the K-12 Resources Page link.

**Higher Education Locations:** On-site and remote access to licensed databases is granted via a user ID issued by the user's institution. On-site access is based on the user ID and the individual computer's IP address and institution policy. Community college users may gain remote access by clicking the Community Colleges and Public Libraries link on the MAGNOLIA homepage. The user can then link to their specific library's webpage where they can enter the user ID assigned by their community college. Public university users can remotely access the licensed databases by clicking the University Libraries link on the MAGNOLIA homepage, choosing their institution's library homepage, and entering their assigned patron ID.

**Public Libraries, Home, Office, Other Remote Locations:** Access to MAGNOLIA's licensed databases is available on-site at local Mississippi public libraries. Remote access is granted via a user ID issued by the user's local public library. The user ID is based on the local public library's IP address. Remote users can log in with their user ID via the Community Colleges and Public Libraries link on the MAGNOLIA homepage.



## FEATURED RESOURCES

- ◆ Customized webpages are available for K–12 users and public library/higher education patrons. Each type of webpage provides links to MAGNOLIA-licensed databases, links to regularly updated news items of interest to the particular library type, and information about obtaining assistance. The public library/higher education webpage also provides links to the Internet sites of various library organizations and other resources helpful to librarians.
- ◆ Link to the Mississippi Secretary of State webpage for access to the Mississippi legal code
- ◆ Thirty-six licensed databases

## VENDOR/DATABASES

### EBSCOhost

Academic Search Elite, Business Source Elite, Clinical Reference Systems, EBSCO Animals, EBSCO Online Citations, ERIC, Funk and Wagnall's Encyclopedia, Health Source Plus, MAS Online Plus, MasterFILE Premier, Middle Search Plus, Newspaper Source, NovelList Reader's Advisory, Primary Search, Serials Directory, USP DI Volume II—Advice for the Patient

### GaleNet

Contemporary Literary Criticism Select, DIScovering Authors, EXPLORING Poetry, What Do I Read Next?

### Grolier Online

Grolier Multimedia Encyclopedia, Encyclopedia Americana, New Book of Knowledge

### H.W. Wilson

Wilson Biographies

### InfoTrac/Gale Group

Books in Print, General BusinessFile ASAP, Predicasts PROMT

**InfoUSA, Inc.**

InfoUSA

**OCLC FirstSearch**

WorldCat, ArticleFirst, ContentsFirst, Electronic Collections Online, NetFirst, UnionLists

**SIRS**

SIRS Researcher, SIRS Discoverer

See Appendix A for more information about individual databases and suggested audiences and uses.

**TRAINING/HELP/OTHER RESOURCES**

**Point of contact training** in the use of MAGNOLIA and its resources is available by request to the MAGNOLIA Training Committee. Training sessions via distance learning using the Community College Network/Star School Networks are available. Videotaped training sessions will be available through the MAGNOLIA Training Committee in the near future.

MAGNOLIA features a **Database Documentation Center**. Direct links to vendor websites are provided for access to vendor-developed online help and training guides.

MAGNOLIA features a **listserv** to communicate information and news about its services. Users may subscribe to the listserv to receive regular updates about MAGNOLIA.

A link to request **technical assistance via e-mail** is provided on MAGNOLIA's customized user webpages.



**Name of Virtual Library:** NC LIVE (North Carolina Libraries for Virtual Education)

URL: <http://www.nclive.org>

Initial Year: 1998

Sponsor: State Library of North Carolina

Funded by: General Assembly of North Carolina  
(\$2,700,000 initial funding)  
Independent Colleges and Universities  
(\$400-500K initial funding)

Eligible Audience: Faculty, students, and staff of the University of North Carolina libraries, North Carolina community college libraries, independent college and university libraries, State Library, North Carolina public libraries

## HOW TO ACCESS

NC LIVE's homepage is accessible via the Internet to any computer with an Internet connection and Web-browser software. Use of the most current version of the user's Web browser software will optimize access to NC LIVE. Users may access NC LIVE's licensed databases as follows:

**K-12 Public Schools:** K-12 schools currently do not have on-site access to NC LIVE. K-12 users may gain access to NC LIVE as public library patrons. Public library patrons can either access NC LIVE databases on site at their local library or gain remote online access via the Internet and a password issued by the patron's local public library.

**Higher Education Locations:** On-site access to licensed databases is based on the individual institution's computers' Internet Protocol (IP) addresses. Remote users may access NC LIVE via the Internet through their institution's library webpage based on the individual institution policy.

**Public Libraries, Home, Office, Other Remote Locations:** Access to NC LIVE's databases is available on-site at North Carolina public libraries. Remote access is available via the Internet by logging in on the NC LIVE homepage with a password issued by the user's local library or via their library's proxy server.



## FEATURED RESOURCES

- ◆ Links are offered to North Carolina state government online resources about North Carolina culture, history, business, education, agencies, and public programs.
- ◆ Advanced searching capabilities include browsing and searching by journal title and by database vendor name.
- ◆ Over 55 licensed databases are available, grouped by name or subject category.

## VENDOR/DATABASES

### **Bell and Howell ProQuest**

ABI Inform Global, American Medical Association, New York Times, North Carolina Newsstand, PA Research II, Wall Street Journal

### **Chadwyck-Healey**

African-American Poetry, American Poetry, English Poetry, Faber Poetry Library, Twentieth Century African-American Poetry, Twentieth Century American Poetry

### **EBSCOhost**

Academic Search Elite, Business Source Elite, Clinical Reference Systems, Ebsco Animals, ERIC, Funk and Wagnall's Encyclopedia, Health Source Plus, Hoover's Company Capsules, Hoover's Company Profiles, MasterFile Premier, Newspaper Source, NoveList Reader's Advisory, Online Citations, Primary Search, Serials Directory, USP DI Volume II-Advice for the Patient

### **Gale Group**

InfoTrac Custom Newspapers, The Charlotte Observer, The News and Observer

### **H.W. Wilson**

Essay and General Literature

### **OCLC FirstSearch**

AxiomBiz, AxiomHome (Phone Books), ArticleFirst, Books in Print, CINAHL, ContentsFirst, Disclosure Snapshots, ECO, ERIC, FactSearch, General Science Abstracts, GPO Monthly Catalog, Index to Legal Periodicals and Books, Medline, NetFirst, PapersFirst, ProceedingsFirst, Social Sciences Abstracts, Union List of Periodicals, World Almanac, World Book Encyclopedia, WorldCat, Worldscope Snapshots

## Silver Platter

PsycINFO

See Appendix A for more information about individual databases and suggested audiences and uses.

## TRAINING/HELP/OTHER RESOURCES

NC LIVE provides **training opportunities** on a regular basis. Schedules are posted on the NC LIVE website in the NC LIVE News area. Previous subject-focused workshops have included NC LIVE Basics, NC LIVE Business Resources, and NC LIVE Train the Trainer. The workshops are offered at various locations in North Carolina.

NC LIVE provides links to **vendor-produced tutorials**, covering basic operation of individual databases.

A **search techniques primer** is available through the NC LIVE homepage via the Electronic Resources Advanced link.

NC LIVE also features a **listserv** hosted by the State Library of North Carolina. Subscribers receive information about NC LIVE, such as official announcements, notices of service interruptions, and topics about NC LIVE development. The listserv may also be used by participants to exchange ideas about NC LIVE usage and implementation.

Several online help features are offered via the "**Technical Toolkit**" link on the NC LIVE homepage.

A **Frequently Asked Questions (FAQs)** link is provided with answers to general questions about NC LIVE and answers to questions about particular databases.

Library personnel may report NC LIVE access problems by calling the **NC LIVE Help Desk** at 919-733-2570.

Users can access and **download software** such as Adobe Acrobat Reader from this area.



**Name of Virtual Library:** NC WISE OWL (Online Windows for Learning)

URL: <http://www.ncwiseowl.org>

Initial Year: 1999

Sponsor: North Carolina Department of Public Instruction

Funded by: North Carolina Department of Public Instruction  
(\$535,000 annually)

Eligible Audience: North Carolina K–12 public school students, parents, educators, and staff

## HOW TO ACCESS

NC WISE OWL's homepage is accessible via the Internet to any computer with an Internet connection and Web-browser software. Access to NC WISE OWL's licensed databases is as follows:

**K–12 Public Schools:** Both on-site and remote access are gained via the Internet and NC WISE OWL's homepage. Remote users must log in with a password issued by the school library media coordinator.

**Higher Education Locations:** These locations do not provide on-site access to NC WISE OWL. Patrons who have been issued a NC WISE OWL password by a K–12 school library media coordinator can access NC WISE OWL remotely from any campus computer via the Internet by logging in with their password on NC WISE OWL's homepage.

**Public Libraries, Home, Office, Other Remote Locations:** Remote access to NC WISE OWL is available to any computer via the Internet by accessing NC WISE OWL's homepage and logging in with a password issued by the user's K–12 school library media coordinator.

## FEATURED RESOURCES

NC WISE OWL is divided into five areas of interest:

**Student** Features a variety of websites relating to both student interests and the North Carolina Standard Course of Study.

- Teacher** Currently focuses on WebQuests that supplement the curriculum. The NCwin initiative, which provides a low cost selection of online courses, is a new feature of the Teacher interest area. These courses can help teachers meet North Carolina's technology competency requirements.
- Parents** References websites to help with homework and Internet searching.
- Media/  
Technology** Features links and announcements pertaining to educational technology information. Also includes schedules and information about local and regional educational technology conferences.
- Reference** Provides access to Internet search engines that are child-friendly. Links also are given for websites that provide information about citing electronic resources. The Reference Zone also provides links to the following licensed online databases:

## VENDOR/DATABASES

### Gale Group/InfoTrac

InfoTrac Kids Edition, Junior Edition, Student Edition, General Reference  
Center Gold Edition

### GaleNet

DIScovering Authors: Most Studied

### Grolier Online

Grolier Multimedia Encyclopedia, The New Book of Knowledge

See Appendix A for more information about individual databases and suggested audiences and uses.

## TRAINING/HELP/OTHER RESOURCES

NC WISE OWL regularly schedules regional **"Train the Trainer"** training sessions. Consult the NC WISE OWL website or contact NC WISE OWL for further information. NC WISE OWL also provides training at major education conferences.

NC WISE OWL provides an **e-mail** service for users to pose **questions or comments** via a link on the NC WISE OWL homepage.

**Online help** is available within the individual licensed databases provided by NC



## **Name of Virtual Library: DISCUS - South Carolina's Virtual Library**

URL: <http://www.state.sc.us/scsl/discus>

Initial Year: 1998

Sponsor: South Carolina State Library

Funded by: South Carolina General Assembly  
(\$1,500,000 annually)

Eligible Audience: South Carolina public libraries, higher education institutions, public K-12 schools, private K-12 schools accredited by Southern Association of Colleges and Schools (SACS)

### **HOW TO ACCESS**

The DISCUS homepage is accessible to all computers with an Internet connection and Web-browser software. Access to licensed databases is as follows:

**K-12 Schools:** On-site access to all databases is based on the individual institution's computers' Internet Protocol (IP) addresses and institution policy. Remote access to the InfoTrac and GaleNet databases is based on a password issued by DISCUS and provided by the user's institution. Remote users must access the DISCUS homepage via the Internet and then log in with the password.

**Higher Education Locations:** Access is available in the same manner as K-12 institutions.

**Public Libraries, Home, Office, Other Remote Locations:** DISCUS is available on-site at South Carolina public libraries in the same manner as K-12 schools. Remote access to the InfoTrac and Galenet databases is based on the user's individual educational institution's instructions. If users are not affiliated with an academic entity, a password may be obtained from their local public library for remote access via the Internet to available databases.

### **FEATURED RESOURCES**

- ◆ Link to South Carolina State Library homepage
- ◆ Eighteen licensed databases (remote access availability based on licensing agreements)

**VENDOR/DATABASES (ON-SITE ACCESS ONLY)****Grolier Online**

Encyclopedia Americana Online, Grolier Multimedia Encyclopedia Online, The New Book of Knowledge Online

**SIRS**

SIRS Knowledge Source (SIRS Researcher, SIRS Renaissance, SIRS Government Reporter), SIRS Discoverer

**VENDOR/DATABASES (ON-SITE AND REMOTE ACCESS)****GaleNet (Gale Group)**

Biography Resource Center & The Complete Marquis Who's Who, DISCovering Most-Studied Authors, What Do I Read Next?

**InfoTrac (Gale Group)**

General Reference Center, Expanded Academic ASAP, Business and Company ASAP, Health Reference Center-Academic, InfoTrac Kids Edition, InfoTrac Junior Edition, InfoTrac Student Edition, InfoTrac Custom Newspapers

See Appendix A for more information about individual databases and suggested audiences and uses.

**TRAINING/HELP/OTHER RESOURCES**

Each individual licensed database offered by DISCUS features **online, subject-specific help**. Some of the licensed databases also provide **online tutorials**.

Some of the databases include **vendor-supplied training for librarians and media specialists**. This training enables these librarians and media specialists to provide training and assistance for DISCUS users.

DISCUS features an electronic discussion list for librarians on the DISCUS-L **listserv**. Subscribing to the listserv enables librarians to communicate with each other for tips and problem solving in the use of DISCUS resources and to access announcements and news about DISCUS.

Additional questions may be directed to the DISCUS Project Director at the South Carolina State Library (telephone: 803-737-7736).



# State by State Databases by Vendor

State & Program Name										
Alabama AVL	<input type="checkbox"/>									
Florida FIRN	<input type="checkbox"/>									
Georgia GALILEO	<input type="checkbox"/>									
Mississippi MAGNOLIA	<input type="checkbox"/>									
North Carolina NC LIVE	<input type="checkbox"/>									
North Carolina NC WISE OWL	<input type="checkbox"/>									
South Carolina DISCUS	<input type="checkbox"/>									

Bell & Howell ProQuest	EBSCO host	Encyclo- pedia Brittanica	Gale Data- bases	Grolier Online	H.W. Wilson Data- bases	InfoTrac/ Gale Group	OCLC First Search	SIRS	Other Vendors
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## BASIC SEARCH TECHNIQUES

Both the licensed databases offered by the virtual libraries in the six SERVE states and Internet search tools utilize search conventions and techniques to assist the user in finding information. Use of either licensed databases or Internet search tools will involve searching for information about a given topic. In most cases, the construct of the search strategy is comparable, using similar search conventions and the same logical operators. The searcher must first determine appropriate keywords or terms that will find information about the topic. Often the search must incorporate logical operators or use wildcards to narrow the search effectively. It is best to consult the individual online help functions of the database or search tool currently in use for the exact structure of a particular search technique. The majority of licensed databases and Internet search tools do feature use of search logic operators. The primer provided below summarizes the most commonly used operators and how to use them in constructing search strategies.



### A SEARCH LOGIC PRIMER

Adapted and provided with permission by Randy D. Ralph, MLIS, Ph.D.  
Original version available at [www.netstrider.com/search/logic.html](http://www.netstrider.com/search/logic.html)

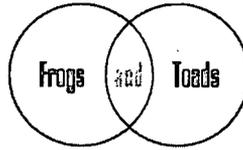
#### **Logical Operators, Wildcards and Truncation, Proximity Search and How to Build Effective Search Strategies Using These Techniques**

#### **Logical Operators—Boolean Logic**

Boolean Logic is used to construct logical search statements using logical operators. The basic principles are pretty easy to understand and are fairly intuitive. If you can organize your laundry, peel potatoes, or put all the thumbtacks and push pins in a messy desk drawer into a single bin, you've already used Boolean Logic. Boolean Logic and its logical operators just gather or separate things into neat piles depending on how you use them.

Boolean Logic uses basically three so-called logical operators or Boolean operators: AND, OR, and NOT.

## The "AND" Logical Operator



The diagram above shows how the Boolean logical operator "AND" works. It shows two universes: The universe of FROGS and the universe of TOADS. The area occupied by these two universes overlaps. The area at the left is pure FROGS. The area at the right is pure TOADS. But the area of overlap is FROGS AND TOADS. This special area, where the two universes intersect, contains both FROGS and TOADS.

If we were doing a real search for documents about FROGS and TOADS and used the logical expression FROGS AND TOADS, all of the resulting documents would have to contain both of the terms, FROGS and TOADS. Any documents containing just one of the two terms and not the other would be excluded.

Examples: PARIS AND LOUVRE AND MUSEUM

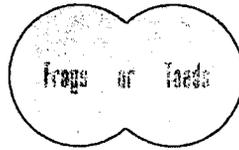
This search would retrieve all documents that contained the terms PARIS, LOUVRE, and MUSEUM in any order and anywhere in the document. The fact that they are all present in a document, though, does not mean that they're linked logically or conceptually in any way. It just means that they all co-occur in the document somewhere—that they're all present. That's all. False coordinations are common when "AND" logic is used. The classic example that's used to illustrate false coordination is

VENETIAN AND BLIND,

which could retrieve information on Venetian blinds or blind Venetians. All it guarantees is that the two terms will co-occur in the resulting documents.

**"AND" logic focuses, coordinates, and narrows a search.**

## The "OR" Logical Operator



U

The diagram above shows how the Boolean logical operator "OR" works. It shows the same two universes: The universe of FROGS and the universe of TOADS. The area occupied by these two universes overlaps. The Boolean logical operator "OR" makes the overlap complete. Both universes are completely encompassed when "OR" is used. Obviously any point in either universe is either FROGS or it's TOADS. The whole space is FROGS OR TOADS.

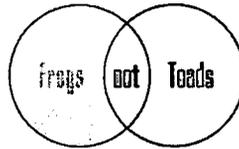
If we were doing a real search for documents about FROGS and TOADS and used the logical expression FROGS OR TOADS, any resulting document could contain either the term "FROGS" or the term "TOADS." Some documents, obviously, would also contain both terms, but the essential point is that only one need be present to cause the document to be found in our result.

Example: GASOLINE OR PETROL

This search would retrieve all documents that contained either the term "GASOLINE" or the term "PETROL" anywhere in the document. "OR" logic is used to gather like things into a single place—things like synonyms or alternate spellings, for example. Think of it like making up a shopping list. You want to leave the store with a bag filled with all the like things on your list—dairy products OR milk OR cheese OR yogurt. That's what "OR" logic does.

**"OR" logic broadens, includes, and expands a search.**

## The "NOT" Logical Operator



The diagram above shows how the Boolean logical operator "NOT" works. Once again, it shows the same two universes: The universe of FROGS and the universe of TOADS. The area occupied by these two universes overlaps. The Boolean logical operator "NOT" excludes all TOADS from the FROGS universe. What's left is only that portion of the FROGS universe that contains no TOADS. The portion of the FROGS universe that also contains TOADS is cut away by the "NOT" logic.

Think of "NOT" logic sort of like peeling a potato. A peeled potato is POTATO NOT PEEL. There's only one trouble: some of the good part of the potato goes with the peel. It's unavoidable. So, you need to use "NOT" logic with as much care as you would a paring knife. Some search engines use the operator "BUT NOT" instead, but it works the same way.

If we were doing a real search for documents about FROGS and TOADS and used the logical expression FROGS NOT TOADS, any resulting document absolutely could not contain any reference to the term TOADS. This would also exclude those documents mentioning both FROGS and TOADS. If we were interested in FROGS, we might miss these by excluding TOADS. That's why you need to use "NOT" logic only when you're absolutely sure you want to exclude a term from your result.

Example: TODDLERS NOT TEENAGERS

This search would retrieve only documents that mentioned TODDLERS but contained no references at all to TEENAGERS anywhere. The search would exclude any document that mentioned TEENAGERS from the result. Some of the documents that mentioned TEENAGERS might do so only in passing and were really mostly about TODDLERS. We'd miss these altogether, and that might not have been our intent. "NOT" logic is used to exclude things and needs to be used with care.

**"NOT" logic narrows, excludes, and limits a search.**

## Wildcards and Truncation

The wildcard and truncation symbols are used to assist in searches that may have multiple spellings, unknown letters or characters, plural forms, or various endings.

### Wildcard

A question mark (?) is used to represent a wildcard. Entering a “?” in place of a character will return all citations of that word with the “?” replaced by a letter.

Example: **C?t** would return “cat,” “cot,” and “cut.”

Note that the wildcard only replaces a single character and therefore would not return “cart” or “colt” or “court.”

### Truncation or Word Stemming

Truncation is the process of applying a wildcard character after the first few letters in a term—usually referred to as the “stem.” The asterisk (\*) is generally used as the truncation symbol. It is best to have at least three characters in the stem before applying the wildcard character. Using the truncation symbol will match ANY words that begin with the stem and are followed by any characters.

Example: **state\*** would return “states,” “statesman,” “statehood,” and “stately.”

?  
\*

## Proximity Search

### The “NEAR” Text Operator

When two terms or phrases are linked with the “NEAR” operator, the search engine finds documents in which these terms or phrases occur within a few words of one another somewhere in the text of the documents returned. This usually means that they’ll be in the same sentence, or, at least, in the same paragraph.

Unlike simple “AND” logic, which only requires that two terms or phrases be present together anywhere in a document, the “NEAR” operator ensures that they are close together in the text. Although this only really means that they probably occur in the same context in the document, it also often means that there is a conceptual link, as well. This gives the “NEAR” operator considerably greater power in focusing in on a topic.

One caution when using the “NEAR” operator: sometimes it doesn’t work quite as you might have expected. For example, the search engine may find two terms or phrases in close proximity but at the border between two distinct and unrelated sections of a document. This doesn’t happen often, but it can explain otherwise obscure search results.

Example: CAT NEAR PERSIAN

This search would find documents in which the terms “CAT” and “PERSIAN” were located within just a few words, usually ten, of one another. You might expect that the documents found would have something to do with the breed of cats called Persian. But, you might just as easily locate a document that mentioned cats, in general, and Persian rugs!

## INTERNET SEARCH TOOLS

The Internet is a veritable treasure trove of information. Started in the early 1970s as a U.S. Department of Defense computer network, the Internet has grown to include academic institutions and private companies. The advent of the personal computer and the invention of graphical Web browsers have enabled the general public to access the Internet for personal use.

The Internet is made up of various components ranging from newsgroups to electronic mail services. The most popular and fastest-growing part of the Internet is the World Wide Web. The WWW is comprised of a vast collection of documents, currently numbering approximately 800 million, stored in computers worldwide. The number of documents, it is reported, doubles every 18 months!

To date, no method of cataloging the information available on the World Wide Web has been devised. Search tools have been developed in an attempt to index and organize the Internet and to aid Internet users in finding information. Search tools use computer programs to access websites and retrieve information. The following chart shows four types of search tools now available.

TYPE OF SEARCH TOOL	HOW IT WORKS
Directory Search Tool	Searches for information by subject matter in a hierarchical manner, starting with a general subject heading and following with increasingly more specific sub-headings.
Search Engine Tool	Searches for information by matching query or keywords against its index, and returns any document containing the keyword(s). Very useful for locating specific information.
Directory with Search Engine Tool	Searches with both keyword and subject interactively; most useful when uncertain whether keyword or subject search will produce best results.
Meta-Search Tool	Performs keyword searches of several search engines simultaneously and provides all results at one time.

Finding information is the primary reason most people use the Internet. It is important to understand that no individual search tool keeps track of all the content on the Internet. Search tools are individually owned and operated from master computers. Search requests to a particular search tool are directed to that search tool's database. For this reason, it is wise to utilize more than one search tool in a thorough search for information.

The following is a list of suggested Internet search tools and their Internet addresses. A brief description of each search tool's features is provided.

# SUGGESTED INTERNET SEARCH TOOLS

SEARCH TOOL	URL	TYPE	FEATURES
<b>Altavista</b>	<a href="http://www.altavista.com">www.altavista.com</a>	Search Engine	Search engine with one of the largest databases, all full text. Primarily keyword search. Uses simple, advanced, and natural language search. Can search by date and can translate text into other languages.
<b>Dogpile</b>	<a href="http://www.dogpile.com">www.dogpile.com</a>	Meta Search Engine	Searches 13 other search engines' resources at once. Provides means of comparing results. Uses simple search.
<b>Excite</b>	<a href="http://www.excite.com">www.excite.com</a>	Search Engine	Full text of about 75 million documents. Primarily keyword search—uses simple and advanced search. Does concept search—ideas related to a literal query—as default.
<b>Go Network (formerly Infoseek)</b>	<a href="http://www.go.com">www.go.com</a>	Search Engine	Full text of 50 million documents. Primarily keyword search. One of the fastest and most accurate search tools. Does not support truncation.
<b>Google</b>	<a href="http://www.google.com">www.google.com</a>	Search Engine	Easy-to-use format, highly sophisticated database. Primarily keyword search. Uses simple search—returns only webpages which match all terms in query. Search can be limited to categories such as Government.

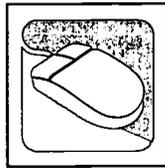
# SUGGESTED INTERNET SEARCH TOOLS

SEARCH TOOL	URL	TYPE	FEATURES
<b>Hot Bot</b>	<a href="http://hotbot.lycos.com">http://hotbot.lycos.com</a>	Search Engine	Primarily keyword search, featuring simple and advanced search. Provides pull-down menus for refining search. First ten hits are current most-sought results.
<b>Looksmart</b>	<a href="http://www.looksmart.com">www.looksmart.com</a>	Directory	Features well-organized database that is updated daily. Primarily subject search. Provides keyword search of its own database of reviewed sites. Uses a magazine format.
<b>Metacrawler</b>	<a href="http://www.metacrawler.com">www.metacrawler.com</a>	Meta Search Engine	Simultaneously searches seven search engines. Primarily subject search—supports simple search operators. Removes duplicate and invalid URLs from display.
<b>Northern Light</b>	<a href="http://northernlight.com">http://northernlight.com</a>	Search Engine	Features one of the largest databases. Primarily subject search—supports simple search operators. Provides a "Special Collection" listing by subject of documents not readily accessible to other engines. Searches the WWW and "Special Collection" separately.

## SUGGESTED INTERNET SEARCH TOOLS

SEARCH TOOL	URL	TYPE	FEATURES
<b>Onekey</b>	<a href="http://www.onekey.com">www.onekey.com</a>	Search Engine	Contains 25,000 reviewed sites. Primarily keyword search—uses options of either “all terms” or “any terms.” Offers subjects of interest to children, in particular. Claims to be largest kid-safe search engine on the Web.
<b>NBCi</b>	<a href="http://home.nbc.com">http://home.nbc.com</a>	Search Engine	Primarily keyword search—using “Simple Search” operators; also pull-down menus for Boolean search. Can limit search by date.
<b>Yahoo</b>	<a href="http://www.yahoo.com">www.yahoo.com</a>	Directory	Has largest subject database on the Web. Good for beginners. Primarily subject search—uses simple and advanced search.

For additional information on search tools, see “How to Search the World Wide Web: A Tutorial for Beginners and Non-Experts” by David P. Habib and Robert L. Balliot. This information is available online at the following URL: <http://204.17.98.73/midlib/tutor.htm>



# APPENDIX A

DATABASE NAME	VENDOR	LIBRARY	SUGGESTED AUDIENCE	DESCRIPTION
ABI/Inform Global	Bell & Howell ProQuest	GALILEO, NC LIVE	Higher Ed, General Public	Abstracts and indexes from 1,850 journals cover most aspects of business
Academic Search Elite	EBSCOhost	AVL, GALILEO, NC LIVE, MAGNOLIA	Higher Ed, General Public	Abstracts and indexing for 3,200+ scholarly journals, includes full text for 1,230+ journals
AccessScience	McGraw-Hill	AVL	High School, Higher Ed, General Public	Electronic version of McGraw-Hill Encyclopedia of Science and Technology
Axiom Home/Business	OCLC FirstSearch	GALILEO, NC LIVE	K-12, Higher Ed, General Public	White pages listings for 18 million+ U.S. businesses and 80 million+ U.S. residences
African-American History and Culture	Facts on File	AVL	K-12, Higher Ed, General Public	Online searchable encyclopedia of African-American experience, divided into categories: Biographies, Encyclopedia, Historical Documents, Maps and Charts, and Gallery; includes Web links
African-American Poetry	Chadwyck-Healey	GALILEO, NC LIVE	K-12, Higher Ed, General Public	2,500+ poems by 18th and 19th century African-American poets
American Medical Association	Bell & Howell ProQuest	NC LIVE	Higher Ed, General Public	Publications of the American Medical Association

ALPHABETICAL

DATABASE NAME	VENDOR	LIBRARY	SUGGESTED AUDIENCE	DESCRIPTION
American Poetry	Chadwyck-Healey	GALILEO, NC LIVE	K-12, Higher Ed, General Public	40,000+ poems by over 200 18th-20th century American poets
ArticleFirst	OCLC FirstSearch	AVL, GALILEO, NC LIVE, MAGNOLIA	High School, Higher Ed, General Public	Citations for table of contents items for 13,000+ journals in all disciplines
Biography Resource Center + Complete Marquis Who's Who	GaleNet	DISCUS	High School, Higher Ed, General Public	Biographical information on 180,000+ people throughout history, includes full-text articles from 250 periodicals
Books in Print	OCLC FirstSearch InfoTrac/Gale Group	GALILEO, NC LIVE, MAGNOLIA	K-12, Higher Ed, General Public	1.8 million+ listings for in-print, out-of-print, and forthcoming books from U.S. publishers and distributors including all disciplines and reading levels
Business and Company ASAP	InfoTrac/Gale Group	DISCUS	High School, Higher Ed, General Public	Citations and full-text articles about all facets of business from journals, newspapers and other sources, updated nightly
Business Source Elite	EBSCOhost	AVL, GALILEO, NC LIVE, MAGNOLIA	High School, Higher Ed, General Public	Indexes and abstracts for 1,550+ business journals, includes full text for 925+ journals
Career and Technical Education	Bell & Howell ProQuest	AVL, GALILEO	High School, Higher Ed	Vocational and technical full text database, including topics of health care, computer science, building, & others

ALPHABETICAL

# APPENDIX A

DATABASE NAME	VENDOR	LIBRARY	SUGGESTED AUDIENCE	DESCRIPTION
CINAHL	OCLC FirstSearch	GALILEO, NC LIVE	Higher Ed, General Public	Online version of The Cumulative Index to Nursing and Allied Health Literature, featuring citations from 650+ titles
Clinical Reference Systems	EBSCOhost	NC LIVE, MAGNOLIA	High School, Higher Ed, General Public	Essays covering eight major health-related subjects
College Source Online	Career Guidance Foundation	GALILEO	High School, Higher Ed, General Public	9,800+ complete U.S. college catalogs, links to college homepages, career and financial aid info
Contemporary Authors	Gale Literary Resources	AVL	K-12, Higher Ed, General Public	Complete biographical/ bibliographical info for 90,000+ U.S. and world authors
Contemporary Literary Criticism Select	GaleNet	MAGNOLIA	High School, Higher Ed	Critical essays about contemporary writers, includes biography and list of principal works
ContentsFirst	OCLC FirstSearch	AVL, GALILEO, NC LIVE, MAGNOLIA	Higher Ed, General Public	Actual table of contents and library holdings information for 13,000+ journals in all disciplines
Disclosure Snapshots	OCLC FirstSearch	GALILEO, NC LIVE	Higher Ed, General Public	Provides summary data, selected balance sheets and income statements, price/dividend/earning data, other information for 11,000 companies who file annually with the SEC

ALPHABETICAL

DATABASE NAME	VENDOR	LIBRARY	SUGGESTED AUDIENCE	DESCRIPTION
DISCovering Authors: Most Studied	GaleNet	NC WISE OWL, MAGNOLIA, DISCUS	K-12, Higher Ed, General Public	Biographical/bibliographic database of 1,260 authors of all cultures, time periods, and genres
Electric Library	Infonautics	AVL	K-12, Higher Ed, General Public	Features interfaces for three different user groups to access popular magazines, newspapers, other media and reference sources
Electronic Collections Online (ECO)	OCLC FirstSearch	AVL, MAGNOLIA, NC LIVE	High School, Higher Ed, General Public	Journals in many subject areas with full-text articles available online, most in PDF format to include original content and images
Encyclopedia Americana	Grolier Online	AVL, FIRN, MAGNOLIA, DISCUS	K-12, Higher Ed, General Public	Encyclopedia contains 45,000 articles, features WWW links
Encyclopedia Britannica	Encyclopedia Britannica Online	AVL, FIRN, GALILEO	High School, Higher Ed, General Public	Regularly updated complete text of the encyclopedia, contains images, WWW links and articles not in print version
Encyclopedia of Animals (EBSCO Animals)	EBSCOhost	GALILEO, NC LIVE, MAGNOLIA	K-12, General Public	Indexing, abstracts, and full text describing nature and habitat of animals
English Poetry	Chadwyck-Healey	GALILEO, NC LIVE	K-12, Higher Ed, General Public	165,000+ poems by 1,250 poets from 600 a.d.-1900 time period

ALPHABETICAL

# APPENDIX A

DATABASE NAME	VENDOR	LIBRARY	SUGGESTED AUDIENCE	DESCRIPTION
ERIC	EBSCOhost OCLC FirstSearch	GALILEO, NC LIVE	High School, Higher Ed, General Public	Citations and abstracts from 800 education journals and the over 10,000 unpublished works which appear annually—covers all education topics
Essay and General Literature	H.W. Wilson Company	NC LIVE	Higher Ed, General Public	Bibliographic database focusing on essays and articles about the humanities and social sciences
Ethnic NewsWatch	EBSCOhost	AVL	High School, Higher Ed, General Public	Full-text collection of newspapers, magazines, and journals of the ethnic, minority, and native press
Expanded Academic ASAP	InfoTrac/Gale Group	DISCUS	High School, Higher Ed, General Public	Citations, abstracts, and full-text articles from 1,500+ scholarly, trade and popular periodicals, includes last six months of <i>The New York Times</i>
EXPLORING Poetry	GaleNet	MAGNOLIA	High School	Information about 200 most frequently studied poems
Faber Poetry Library	Chadwyck-Healey	NC LIVE	High School, Higher Ed, General Public	20th-century poets published by Faber, includes T.S. Eliot and Sylvia Plath
FactSearch	OCLC FirstSearch	GALILEO, NC LIVE	High School, Higher Ed, General Public	Citations for over 300 sources, which contain facts and statistics about social, economic, environmental, and political issues

ALPHABETICAL

DATABASE NAME	VEHICLE	LIBRARY	SUGGESTED AUDIENCE	DESCRIPTION
Funk & Wagnall's Encyclopedia	EBSCOhost	GALILEO, NC LIVE, MAGNOLIA	K-12, General Public	Encyclopedia featuring over 25,000 entries
General BusinessFile ASAP	InfoTrac/Gale Group	MAGNOLIA	High School, Higher Ed, General Public	Full text of 400+ business sources, information about 100,000+ public and private companies
General Science Abstracts	OCLC FirstSearch	NC LIVE	High School, Higher Ed, General Public	Abstracts from 150+ U.S. and British journals on subjects such as earth sciences, computers, medicine, biology and others
Gold Full Text Periodicals	Bell & Howell ProQuest	AVL	High School	General reference database with 97% full-text coverage of 518 periodicals and other sources suitable for high school curriculum
GPO Monthly Catalog	OCLC FirstSearch	AVL, GALILEO, NC LIVE	High School, Higher Ed, General Public	Citation database for documents published by the U.S. Government Printing Office since July 1976
Grolier Multimedia Encyclopedia	Grolier Online	AVL, FIRN, NC WISE OWL, MAGNOLIA, DISCUS	Upper Elementary, Junior High School	Encyclopedia with multimedia, including photographs, maps, artwork, and sound
Grove Dictionary of Art	Grove Dictionaries, Inc.	GALILEO	High School, Higher Ed, General Public	30,000 images featuring worldwide artists from prehistory to present

ALPHABETICAL

# APPENDIX A

DATABASE NAME	VENDOR	LIBRARY	SUGGESTED AUDIENCE	DESCRIPTION
Health Reference Center—Academic	InfoTrac/Gale Group	DISCUS	High School, Higher Ed, General Public	Indexing, abstracts and full-text consumer health information and access to medical journals, pamphlets, and reference books
Health Source Plus	EBSCOhost	AVL, GALILEO, NC LIVE, MAGNOLIA	High School, Higher Ed, General Public	Full-text health resources, including periodicals, pamphlets, and reference books
Hoover's Company Capsules	EBSCOhost	NC LIVE	High School, Higher Ed, General Public	Basic information about 13,500+ public & private U.S. and world companies
Hoover's Company Profiles	EBSCOhost	NC LIVE	High School, Higher Ed, General Public	Current profiles of 3,400+ public & private U.S. and world countries, including summary of operations
Index to Legal Periodicals and Books	OCLC FirstSearch	GALILEO, NC LIVE	High School, Higher Ed, General Public	Index of materials from 620 legal journals, yearbooks, and other sources from the U.S., Canada, Great Britain, Australia, and New Zealand
InfoTrac Kids Edition	InfoTrac/Gale Group	NC WISE OWL, DISCUS	K-6	35 indexed, abstracted, and full-text periodicals and newspapers, 300+ maps and reference books
InfoTrac Custom Newspapers	InfoTrac/Gale Group	NC LIVE, DISCUS	K-12, Higher Ed, General Public	Full text of <i>The Charlotte Observer</i> and <i>The Raleigh News and Observer</i> (NC LIVE); <i>The State</i> , <i>The Charlotte Observer</i> , and <i>The New York Times</i> (last 90 days) (DISCUS)

ALPHABETICAL

DATABASE NAME	VENDOR	LIBRARY	SUGGESTED AUDIENCE	DESCRIPTION
InfoTrac General Reference Center Gold Edition	InfoTrac/Gale Group	DISCUS, NC WISE OWL	High School, Higher Ed, General Public	Full text and abstracts of current events, popular culture, arts & sciences, and sports from magazines, reference books, and newspapers
InfoTrac Junior Edition	InfoTrac/Gale Group	NC WISE OWL, DISCUS	Junior High and Middle Schools	Indexes, abstracts, and full text of 60 total journals and newspapers geared toward curriculum needs
InfoTrac Student Edition	InfoTrac/Gale Group	NC WISE OWL, DISCUS	High School	Indexes and abstracts of 230 journals, full text of 185 titles, also includes newspaper articles, 300 maps, and other reference sources
InfoUSA	InfoUSA, Inc.	MAGNOLIA	High School, Higher Ed, General Public	Information about 10.5 million U.S. businesses, including annual reports, press releases, SEC reports, and other information
JuniorQuest Periodicals	Bell & Howell ProQuest	AVL	Junior High, Middle School	Database of core general reference subjects featuring 95% full-text coverage from 120 journals and other sources (World Book)
KidQuest Periodicals	Bell & Howell ProQuest	AVL	Elementary School	Based on Bowker's Children's Magazine Guide, covers 90 magazines, features full text and images
MAS FullText Ultra	EBSCOhost	GALILEO	High School, Higher Ed, General Public	Full text of 960+ general interest and current events magazines plus other reference sources

# APPENDIX A

DATABASE NAME	VENDOR	LIBRARY	SUGGESTED AUDIENCE	DESCRIPTION
MAS Online Plus	EBSCOhost	MAGNOLIA	High School, Higher Ed, General Public	Full text of 330+ general interest and current events magazines plus other reference sources
Masterfile Premier	EBSCOhost	GALILEO, NC LIVE, MAGNOLIA	High School, Higher Ed, General Public	Full text of 1,800+ general reference, consumer health, general science and other periodicals
MEDLINE	OCLC FirstSearch	AVL, GALILEO, NC LIVE	High School, Higher Ed, General Public	Citations and abstracts from 3,500+ journals about all areas of medicine, including clinical medicine, dentistry, administration, nursing, and others
Merriam Webster Collegiate Dictionary	Encyclopedia Britannica Online	AVL, GALILEO	High School, Higher Ed, General Public	General English dictionary, provides hypertext links to related words
NetFirst	OCLC FirstSearch	AVL, GALILEO, NC LIVE, MAGNOLIA	K-12, Higher Ed, General Public	70,000+ citations and descriptions, including URLs, for all types of Internet sites, searchable by keyword and subject heading
New Book of Knowledge	Grolier Online	AVL, FIRN, NC WISE OWL, MAGNOLIA, DISCUS	K-12, General Public	Features 9,000 articles about general interest topics geared towards curriculum
New York Times	Bell & Howell ProQuest	GALILEO, NC LIVE	High School, Higher Ed, General Public	Full text for all available articles

ALPHABETICAL

DATABASE NAME	VENDOR	LIBRARY	SUGGESTED AUDIENCE	DESCRIPTION
Newspaper Source	EBSCOhost	AVL, NC LIVE, MAGNOLIA	High School, Higher Ed, General Public	Selected full text for 143 U.S. & international newspapers, includes <i>Christian Science Monitor</i>
North Carolina Newsstand	Bell & Howell ProQuest	NC LIVE	High School, Higher Ed, General Public	Full-text coverage of Greensboro & Raleigh newspapers, also selected coverage of other regional newspapers
Novelist Reader's Advisory	EBSCOhost	NC LIVE, MAGNOLIA	High School, Higher Ed, General Public	Readers advisory service—helps readers find books on various topics
Online Citations	EBSCOhost	NC LIVE, MAGNOLIA	High School, Higher Ed, General Public	Publisher-provided citations for scientific, technological, or medical titles
PA Research II	Bell & Howell ProQuest	AVL, GALILEO, NC LIVE	High School, Higher Ed, General Public	Abstracts and citations for 1,600+ publications in popular and academic subjects, 800 full-text sources
PapersFirst	OCLC FirstSearch	AVL, GALILEO, NC LIVE	High School, Higher Ed, General Public	Citations and abstracts for papers presented at conferences worldwide
Poemfinder	Roth Publishing	AVL	K–12, Higher Ed, General Public	Features 70,000+ full-text poems, 750,000 poem citations and excerpts, also features Kids' Korner and poet biographies

ALPHABETICAL

# APPENDIX A

DATABASE NAME	VENDOR	LIBRARY	SUGGESTED AUDIENCE	DESCRIPTION
Predicasts PROMT	InfoTrac/Gale Group	MAGNOLIA	High School, Higher Ed, General Public	Summaries and full text from 1,000 business journals, newsletters, newspapers, and other sources
ProceedingsFirst	OCLC FirstSearch	AVL, GALILEO, NC LIVE	High School, Higher Ed, General Public	Features the table of contents from published proceedings of conferences of all types worldwide
Professional Development Collection	EBSCOhost	AVL	Higher Ed	Abstract and indexing for 330+ journals, full text for 240+ journals of interest to professional educators
Professional Resources	Bell & Howell ProQuest	FIRN	Higher Ed	Cover-to-cover full text of 53 education resource journals
PsycInfo	EBSCOhost, Silver Platter	GALILEO, NC LIVE	Higher Ed, General Public	Indexing of 1,300+ psychology and related disciplines journals
Scribner Writers Series	Gale Literary Resources	AVL	High School, Higher Ed, General Public	1,600+ full-text articles about writers and literary genres with bibliographies
Searchasaurus Middle School Plus	EBSCOhost	GALILEO, NC LIVE, MAGNOLIA	Middle School	Full text of 100+ magazines covering chosen general topics for middle and junior high students

ALPHABETICAL

DATABASE NAME	VENDOR	LIBRARY	SUGGESTED AUDIENCE	DESCRIPTION
Searchasaurus Primary/Elementary	EBSCOhost	GALILEO, NC LIVE, MAGNOLIA	Elementary School	Full text for 60+ children's magazines and other reference sources
Serials Directory	EBSCOhost	NC LIVE, MAGNOLIA	High School, Higher Ed, General Public	Current bibliographic information and pricing for 178,500+ U.S. and international journals
SIRS Discoverer	SIRS	AVL, GALILEO, MAGNOLIA, DISCUS	K-12	Selected articles from 1,100+ magazines for young readers categorized by reading level
SIRS Government Reporter	SIRS	AVL, DISCUS	K-12	Information published by and about the U.S. federal government, includes presidential biographies
SIRS Renaissance	SIRS	AVL, GALILEO, DISCUS	K-12	Full-text articles from 700+ magazines, journals, and newspapers focusing on the arts and humanities
SIRS Researcher	SIRS	AVL, GALILEO, MAGNOLIA, DISCUS	K-12	Selected full-text articles from 1,500 magazines, journals, and newspapers providing general research information about social, scientific, health, historic, business, and political issues
Social Sciences Abstracts	OCLC FirstSearch	GALILEO, NC LIVE	High School, Higher Ed, General Public	Citations and abstracts for 350+ core journals in the social sciences (excluding History)

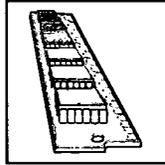
# APPENDIX A

DATABASE NAME	VENDOR	LIBRARY	SUGGESTED AUDIENCE	DESCRIPTION
Twayne Authors Series—World, English and U.S. Authors	Gale Literary Resources	AVL	High School, Higher Ed	Each category includes literary criticism for 200 authors, included authors tied to high school and college curriculum
Twentieth Century African-American Poetry	Chadwyck-Healey	NC LIVE	K-12, Higher Ed, General Public	6,000+ poems by 46 twentieth-century African-American poets
Twentieth Century American Poetry	Chadwyck-Healey	NC LIVE	K-12, Higher Ed, General Public	36,000 poems by 217 twentieth-century American poets
Union List of Periodicals	OCLC FirstSearch	AVL, GALILEO, NC LIVE, MAGNOLIA	High School, Higher Ed, General Public	Citations and holdings information for 7 million+ journals and serials held by 17,000 OCLC-member libraries
USP DI Volume II —Advice for the Patient	EBSCOhost	NC LIVE, MAGNOLIA	High School, Higher Ed, General Public	Patient-oriented information about drugs in layman terms
Vocational Search	EBSCOhost	AVL	K-12, Higher Ed, General Public	Industry-specific information for vocational and technical curriculums, includes full text for 150+ magazines, abstracting and indexing for 500+ titles
Wall Street Journal	Bell & Howell ProQuest	NC LIVE	High School, Higher Ed, General Public	Index of articles from 1981 to the present

ALPHABETICAL

DATABASE NAME	VENDOR	LIBRARY	SUGGESTED AUDIENCE	DESCRIPTION
What Do I Read Next?	GaleNet	MAGNOLIA, DISCUS	K-12, Higher Ed, General Public	Searchable reader advisory service, features 78,500+ titles
Wilson Biographies	H.W. Wilson	MAGNOLIA	K-12, Higher Ed, General Public	Searchable full text of 39,000 profiles of notable people
Wilson Select Full Text	OCLC FirstSearch	GALILEO	K-12, Higher Ed, General Public	Abstracts and selected full-text articles from these Wilson databases: Readers' Guide, Social Sciences, Humanities, General Science, and Wilson Business Abstracts
World Almanac	OCLC FirstSearch	GALILEO, NC LIVE	K-12, Higher Ed, General Public	Database includes four separate almanacs, which list facts and statistics about current events and basic reference information
World Book Encyclopedia	OCLC FirstSearch	GALILEO, NC LIVE	K-12, General Public	Encyclopedia features 17,500+ full-text articles
WorldCat	OCLC FirstSearch	AVL, GALILEO, NC LIVE, MAGNOLIA	K-12, Higher Ed, General Public	OCLC union catalog of materials held in libraries worldwide, includes 42 million+ bibliographic records
Worldscope Snapshots	OCLC FirstSearch	NC LIVE	High School, Higher Ed, General Public	Financial reports about companies worldwide

Note: Database descriptions collected from vendor and the virtual libraries' web sites.



VENDOR	DATABASE NAME	LIBRARY	SUGGESTED AUDIENCE	DESCRIPTION
Bell & Howell ProQuest	ABI/Inform Global	GALILEO, NC LIVE	Higher Ed, General Public	Abstracts and indexes from 1,850 journals cover most aspects of business
Bell & Howell ProQuest	American Medical Association	NC LIVE	Higher Ed, General Public	Publications of The American Medical Association
Bell & Howell ProQuest	Career and Technical Education	AVL, GALILEO	High School, Higher Ed	Vocational and technical full-text database, including topics of health care, computer science, building, & others
Bell & Howell ProQuest	Gold Full Text Periodicals	AVL	High School	General reference database with 97% full-text coverage of 518 periodicals and other sources suitable for high school curriculum
Bell & Howell ProQuest	JuniorQuest Periodicals	AVL	Junior High, Middle School	Database of core general reference subjects featuring 95% full-text coverage from 120 journals and other sources (World Book)
Bell & Howell ProQuest	KidQuest Periodicals	AVL	Elementary School	Based on Bowker's <i>Children's Magazine Guide</i> , covers 90 magazines, features full text and images
Bell & Howell ProQuest	New York Times	GALILEO, NC LIVE	High School, Higher Ed, General Public	Full text for all available articles

VENDOR

# APPENDIX B

VENDOR	DATABASE NAME	LIBRARY	SUGGESTED AUDIENCE	DESCRIPTION
Bell & Howell ProQuest	North Carolina Newsstand	NC LIVE	High School, Higher Ed, General Public	Full-text coverage of Greensboro and Raleigh, also selected coverage of other regional newspapers
Bell & Howell ProQuest	PA Research II	AVL, GALILEO, NC LIVE	High School, Higher Ed, General Public	Abstracts and citations for 1,600+ publications in popular and academic subjects, 800 full-text sources
Bell & Howell ProQuest	Professional Resources	FIRN	Higher Ed	Cover-to-cover full text of 53 education resource journals
Bell & Howell ProQuest	Wall Street Journal	NC LIVE	High School, Higher Ed, General Public	Index of articles from 1981 to the present
Career Guidance Foundation	College Source Online	GALILEO	High School, Higher Ed, General Public	9,800+ complete US college catalogs, links to college homepages, career, and financial aid info
Chadwyck-Healey	African-American Poetry	GALILEO, NC LIVE	K-12, Higher Ed, General Public	2,500+ poems by 18th and 19th century African-American poets
Chadwyck-Healey	American Poetry	GALILEO, NC LIVE	K-12, Higher Ed, General Public	40,000+ poems by over 200 18th-20th century American poets

VENDOR

VENDOR	DATABASE NAME	LIBRARY	SUGGESTED AUDIENCE	DESCRIPTION
Chadwyck-Healey	English Poetry	GALILEO, NC LIVE	K-12, Higher Ed, General Public	165,000+ poems by 1,250 poets from 600 a.d.-1900 time period
Chadwyck-Healey	Faber Poetry Library	NC LIVE	High School, Higher Ed, General Public	20th-century poets published by Faber, includes T.S. Eliot and Sylvia Plath
Chadwyck-Healey	Twentieth Century African-American Poetry	NC LIVE	K-12, Higher Ed, General Public	6,000+ poems by 46 twentieth-century African-American poets
Chadwyck-Healey	Twentieth Century American Poetry	NC LIVE	K-12, Higher Ed, General Public	36,000 poems by 217 twentieth-century American poets
EBSCOhost	Academic Search Elite	AVL, GALILEO, NC LIVE, MAGNOLIA	Higher Ed, General Public	Abstracts and indexing for 3,200+ scholarly journals, includes full text for 1,230+ journals
EBSCOhost	Business Source Elite	AVL, GALILEO, NC LIVE, MAGNOLIA	High School, Higher Ed, General Public	Indexes and abstracts for 1,550+ business journals, includes full text for 925+ journals
EBSCOhost	Clinical Reference Systems	NC LIVE, MAGNOLIA	High School, Higher Ed, General Public	Essays covering eight major health-related subjects

# APPENDIX B

VENDOR	DATABASE NAME	LIBRARY	SUGGESTED AUDIENCE	DESCRIPTION
EBSCOhost	Encyclopedia of Animals (EBSCO Animals)	GALILEO, NC LIVE, MAGNOLIA	K-12, General Public	Indexing, abstracts, and full text describing nature and habitat of animals
EBSCOhost OCLC FirstSearch	ERIC	GALILEO, NC LIVE	High School, Higher Ed, General Public	Citations and abstracts from 800 education journals and the over 10,000 unpublished works, which appear annually—covers all education topics
EBSCOhost	Ethnic NewsWatch	AVL	High School, Higher Ed, General Public	Full-text collection of newspapers, magazines, and journals of the ethnic, minority, and native press
EBSCOhost	Funk & Wagnall's Encyclopedia	GALILEO, NC LIVE, MAGNOLIA	K-12, General Public	Encyclopedia featuring over 25,000 entries
EBSCOhost	Health Source Plus	AVL, GALILEO, NC LIVE, MAGNOLIA	High School, Higher Ed, General Public	Full-text health resources, including periodicals, pamphlets, and reference books
EBSCOhost	Hoover's Company Capsules	NC LIVE	High School, Higher Ed, General Public	Basic information about 13,500+ public & private U.S. and world companies
EBSCOhost	Hoover's Company Profiles	NC LIVE	High School, Higher Ed, General Public	Current profiles of 3,400+ public & private U.S. and world countries, including summary of operations

VENDOR	DATABASE NAME	LIBRARY	SUGGESTED AUDIENCE	DESCRIPTION
EBSCOhost	MAS FullText Ultra	GALILEO	High School, Higher Ed, General Public	Full text of 960+ general interest and current events magazines plus other reference sources
EBSCOhost	MAS Online Plus	MAGNOLIA	High School, Higher Ed, General Public	Full text of 330+ general interest and current events magazines plus other reference sources
EBSCOhost	Masterfile Premier	GALILEO, NC LIVE, MAGNOLIA	High School, Higher Ed, General Public	Full text of 1,800+ general reference, consumer health, general science, and other periodicals
EBSCOhost	Newspaper Source	AVL, NC LIVE, MAGNOLIA	High School, Higher Ed, General Public	Selected full text for 143 U.S. & international newspapers, includes <i>Christian Science Monitor</i>
EBSCOhost	Novelist Reader's Advisory	NC LIVE, MAGNOLIA	High School, Higher Ed, General Public	Readers advisory service—helps readers find books on various topics
EBSCOhost	Online Citations	NC LIVE, MAGNOLIA	High School, Higher Ed, General Public	Publisher-provided citations for scientific, technological, or medical titles
EBSCOhost	Professional Development Collection	AVL	Higher Ed	Abstract and indexing for 330+ journals, full text for 240+ journals of interest to professional educators

VENDOR

# APPENDIX B

VENDOR	DATABASE NAME	LIBRARY	SUGGESTED AUDIENCE	DESCRIPTION
EBSCOhost	Searchasaurus Middle School Plus	GALILEO, NC LIVE, MAGNOLIA	Middle School	Full text of 100+ magazines covering chosen general topics for middle and junior high students
EBSCOhost	Searchasaurus Primary/Elementary	GALILEO, NC LIVE, MAGNOLIA	Elementary School	Full text for 60+ children's magazines and other reference sources
EBSCOhost	Serials Directory	NC LIVE, MAGNOLIA	High School, Higher Ed, General Public	Current bibliographic information and pricing for 178,500+ U.S. and international journals
EBSCOhost	USP DI Volume II—Advice for the Patient	NC LIVE, MAGNOLIA	High School, Higher Ed, General Public	Patient-oriented information about drugs in layman terms
EBSCOhost	Vocational Search	AVL	K-12, Higher Ed, General Public	Industry-specific information for vocational and technical curriculums, includes full text for 150+ magazines, abstracting and indexing for 500+ titles
EBSCOhost, Silver Platter	PsycInfo	GALILEO, NC LIVE	Higher Ed, General Public	Indexing of 1,300+ psychology and related disciplines journals
Encyclopedia Britannica Online	Encyclopedia Britannica	AVL, FIRN, GALILEO	High School, Higher Ed, General Public	Regularly updated complete text of the encyclopedia, contains images, WWW links, and articles not in print version

VENDOR

VENDOR	DATABASE NAME	LIBRARY	SUGGESTED AUDIENCE	DESCRIPTION
Encyclopedia Britannica Online	Merriam Webster Collegiate Dictionary	AVL, GALILEO	High School, Higher Ed, General Public	General English dictionary, provides hypertext links to related words
Facts on File	African American History and Culture	AVL	K-12, Higher Ed, General Public	Online searchable encyclopedia of African-American experience, divided into categories: Biographies, Encyclopedia, Historical Documents, Maps and Charts, and Gallery; includes Web links
Gale Literary Resources	Contemporary Authors	AVL	K-12, Higher Ed, General Public	Complete biographical/bibliographical info for 90,000+ U.S. and world authors
Gale Literary Resources	Scribner Writers Series	AVL	High School, Higher Ed, General Public	1,600+ full-text articles about writers and literary genres with bibliographies
Gale Literary Resources	Twayne Authors Series—World, English and U.S. Authors	AVL	High School, Higher Ed	Each category includes literary criticism for 200 authors, included authors tied to high school and college curriculum
GaleNet	Biography Resource Center + Complete Marquis Who's Who	DISCUS	High School, Higher Ed, General Public	Biographical information on 180,000+ people throughout history, includes full-text articles from 250 periodicals
GaleNet	Contemporary Literary Criticism Select	MAGNOLIA	High School, Higher Ed	Critical essays about contemporary writers, includes biography and list of principal works

VENDOR

# APPENDIX B

VENDOR	DATABASE NAME	LIBRARY	SUGGESTED AUDIENCE	DESCRIPTION
GaleNet	DISCovering Authors: Most Studied	NC WISE OWL, MAGNOLIA, DISCUS	K-12, Higher Ed, General Public	Biographical/Bibliographic database of 1,260 authors of all cultures, time periods, and genres
GaleNet	EXPLORING Poetry	MAGNOLIA	High School	Information about 200 most frequently studied poems
GaleNet	What Do I Read Next?	MAGNOLIA, DISCUS	K-12, Higher Ed, General Public	Searchable reader advisory service, features 78,500+ titles
Grolier Online	Encyclopedia Americana	AVL, FIRN, MAGNOLIA, DISCUS	K-12, Higher Ed, General Public	Encyclopedia contains 45,000 articles, features WWW links
Grolier Online	Grolier Multimedia Encyclopedia	AVL, FIRN, NC WISE OWL, MAGNOLIA, DISCUS	Upper Elementary, Junior High School	Encyclopedia with multimedia including photographs, maps, artwork, and sound
Grolier Online	New Book of Knowledge	AVL, FIRN, NC WISE OWL, MAGNOLIA, DISCUS	K-12, General Public	Features 9,000 articles about general interest topics geared towards curriculum
Grove Dictionaries, Inc.	Grove Dictionary of Art	GALILEO	High School, Higher Ed, General Public	30,000 images featuring worldwide artists from prehistory to present

VENDOR	DATABASE NAME	LIBRARY	SUGGESTED AUDIENCE	DESCRIPTION
H.W. Wilson	Wilson Biographies	MAGNOLIA	K-12, Higher Ed, General Public	Searchable full text of 39,000 profiles of notable people
H.W. Wilson Company	Essay and General Literature	NC LIVE	Higher Ed, General Public	Bibliographic database focusing on essays and articles about the humanities and social sciences
Infonautics	Electric Library	AVL	K-12, Higher Ed, General Public	Features interfaces for three different user groups to access popular magazines, newspapers, other media and reference sources
InfoTrac/Gale Group	Business and Company ASAP	DISCUS	High School, Higher Ed, General Public	Citations and full-text articles about all facets of business from journals, newspapers, and other sources, updated nightly
InfoTrac/Gale Group	Expanded Academic ASAP	DISCUS	High School, Higher Ed, General Public	Citations, abstracts, and full-text articles from 1,500+ scholarly, trade, and popular periodicals, includes last six months of <i>The New York Times</i>
InfoTrac/Gale Group	General BusinessFile ASAP	MAGNOLIA	High School, Higher Ed, General Public	Full text of 400+ business sources, information about 100,000+ public and private companies
InfoTrac/Gale Group	Health Reference Center—Academic	DISCUS	High School, Higher Ed, General Public	Indexing, abstracts, and full-text consumer health information and access to medical journals, pamphlets, and reference books

VENDOR

# APPENDIX B

VENDOR	DATABASE NAME	LIBRARY	SUGGESTED AUDIENCE	DESCRIPTION
InfoTrac/Gale Group	InfoTrac Kids Edition	NC WISE OWL, DISCUS	K-6	35 indexed, abstracted, and full-text periodicals and newspapers, 300+ maps and reference books
InfoTrac/Gale Group	InfoTrac Custom Newspapers	NC LIVE, DISCUS	K-12, Higher Ed, General Public	Full text of <i>The Charlotte Observer</i> and <i>The Raleigh News and Observer</i> (NC LIVE); <i>The State</i> , <i>The Charlotte Observer</i> , and <i>The New York Times</i> (last 90 days) (DISCUS)
InfoTrac/Gale Group	InfoTrac General Reference Center Gold Edition	DISCUS, NC WISE OWL	High School, Higher Ed, General Public	Full text and abstracts of current events, popular culture, arts & sciences, and sports from magazines, reference books, and newspapers
InfoTrac/Gale Group	InfoTrac Junior Edition	NC WISE OWL, DISCUS	Junior High and Middle Schools	Indexes, abstracts, and full text of 60 total journals and newspapers geared toward curriculum needs
InfoTrac/Gale Group	InfoTrac Student Edition	NC WISE OWL, DISCUS	High School	Indexes and abstracts of 230 journals, full text of 185 titles, also includes newspaper articles, 300 maps, and other reference sources
InfoTrac/Gale Group	Predicasts PROMT	MAGNOLIA	High School, Higher Ed, General Public	Summaries and full text from 1,000 business journals, newsletters, newspapers, and other sources
InfoUSA, Inc.	InfoUSA	MAGNOLIA	High School, Higher Ed, General Public	Information about 10.5 million U.S. businesses, including annual reports, press releases, SEC reports, and other information

VENDOR

VENDOR	DATABASE NAME	LIBRARY	SUGGESTED AUDIENCE	DESCRIPTION
McGraw-Hill	AccessScience	AVL	High School, Higher Ed, General Public	Electronic version of McGraw-Hill Encyclopedia of Science and Technology
OCLC FirstSearch	Axciom Home/Business	GALILEO, NC LIVE	K-12, Higher Ed, General Public	White pages listings for 18 million+ U.S. businesses and 80 million+ U.S. residences
OCLC FirstSearch	ArticleFirst	AVL, GALILEO, NC LIVE, MAGNOLIA	High School, Higher Ed, General Public	Citations for table of contents items for 13,000+ journals in all disciplines
OCLC FirstSearch InfoTrac/Gale Group	Books in Print	GALILEO, NC LIVE, MAGNOLIA	K-12, Higher Ed, General Public	1.8 million+ listings for in-print, out-of-print, and forthcoming books from U.S. publishers and distributors, including all disciplines and reading levels
OCLC FirstSearch	CINAHL	GALILEO, NC LIVE	Higher Ed, General Public	Online version of The Cumulative Index to Nursing and Allied Health Literature, featuring citations from 650+ titles
OCLC FirstSearch	ContentsFirst	AVL, GALILEO, NC LIVE, MAGNOLIA	Higher Ed, General Public	Actual table of contents and library holdings information for 13,000+ journals in all disciplines
OCLC FirstSearch	Disclosure Snapshots	GALILEO, NC LIVE	Higher Ed, General Public	Provides summary data, selected balance sheets and income statements, price/dividend/earning data, other information for 11,000 companies who file annually with the SEC

VENDOR

# APPENDIX B

VENDOR	DATABASE NAME	LIBRARY	SUGGESTED AUDIENCE	DESCRIPTION
OCLC FirstSearch	Electronic Collections Online (ECO)	AVL, MAGNOLIA, NC LIVE	High School, Higher Ed, General Public	Journals in many subject areas with full-text articles available online, most in PDF format to include original content and images
OCLC FirstSearch	FactSearch	GALILEO, NC LIVE	High School, Higher Ed, General Public	Citations for over 300 sources, which contain facts and statistics about social, economic, environmental, and political issues
OCLC FirstSearch	General Science Abstracts	NC LIVE	High School, Higher Ed, General Public	Abstracts from 150+ U.S. and British journals on subjects such as earth sciences, computers, medicine, biology, and others
OCLC FirstSearch	GPO Monthly Catalog	AVL, GALILEO, NC LIVE	High School, Higher Ed, General Public	Citation database for documents published by the U.S. Government Printing Office since July 1976
OCLC FirstSearch	Index to Legal Periodicals and Books	GALILEO, NC LIVE	High School, Higher Ed, General Public	Index of materials from 620 legal journals, yearbooks, and other sources from the U.S., Canada, Great Britain, Australia, and New Zealand
OCLC FirstSearch	MEDLINE	AVL, GALILEO, NC LIVE	High School, Higher Ed, General Public	Citations and abstracts from 3,500+ journals about all areas of medicine, including clinical medicine, dentistry, administration, nursing, and others
OCLC FirstSearch	NetFirst	AVL, GALILEO, NC LIVE, MAGNOLIA	K-12, Higher Ed, General Public	70,000+ citations and descriptions, including URLs, for all types of Internet sites, searchable by keyword and subject heading

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VENDOR	DATABASE NAME	ABSTRACTS	EDUCATIONAL LEVEL	DESCRIPTION
OCLC FirstSearch	PapersFirst	AVL, GALILEO, NC LIVE	High School, Higher Ed, General Public	Citations and abstracts for papers presented at conferences worldwide
OCLC FirstSearch	ProceedingsFirst	AVL, GALILEO, NC LIVE	High School, Higher Ed, General Public	Features the table of contents from published proceedings of conferences of all types worldwide
OCLC FirstSearch	Social Sciences Abstracts	GALILEO, NC LIVE	High School, Higher Ed, General Public	Citations and abstracts for 350+ core journals in the social sciences (excluding History)
OCLC FirstSearch	Union List of Periodicals	AVL, GALILEO, NC LIVE, MAGNOLIA	High School, Higher Ed, General Public	Citations and holdings information for 7 million+ journals and serials held by 17,000 OCLC-member libraries
OCLC FirstSearch	Wilson Select Full Text	GALILEO	K-12, Higher Ed, General Public	Abstracts and selected full-text articles from these Wilson databases: Readers' Guide, Social Sciences, Humanities, General Science, and Wilson Business Abstracts
OCLC FirstSearch	World Almanac	GALILEO, NC LIVE	K-12, Higher Ed, General Public	Database includes four separate almanacs, which list facts and statistics about current events and basic reference information
OCLC FirstSearch	World Book Encyclopedia	GALILEO, NC LIVE	K-12, General Public	Encyclopedia features 17,500+ full-text articles

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# APPENDIX B

VENDOR	DATABASE NAME	LIBRARY	SUGGESTED AUDIENCE	DESCRIPTION
OCLC FirstSearch	WorldCat	AVL, GALILEO, NC LIVE, MAGNOLIA	K-12, Higher Ed, General Public	OCLC union catalog of materials held in libraries worldwide, includes 42 million+ bibliographic records
OCLC FirstSearch	Worldscope Snapshots	NC LIVE	High School, Higher Ed, General Public	Financial reports about companies worldwide
Roth Publishing	Poemfinder	AVL	K-12, Higher Ed, General Public	Features 70,000+ full-text poems, 750,000 poem citations and excerpts, also features Kids' Korner and poet biographies
SIRS	SIRS Discoverer	AVL, GALILEO, MAGNOLIA, DISCUS	K-12	Selected articles from 1,100+ magazines for young readers categorized by reading level
SIRS	SIRS Government Reporter	AVL, DISCUS	K-12	Information published by and about the U.S. federal government, includes presidential biographies
SIRS	SIRS Renaissance	AVL, GALILEO, DISCUS	K-12	Full-text articles from 700+ magazines, journals, and newspapers focusing on the arts and humanities
SIRS	SIRS Researcher	AVL, GALILEO, MAGNOLIA, DISCUS	K-12	Selected full text articles from 1,500 magazines, journals, and newspapers providing general research information about social, scientific, health, historic, business, and political issues
Note: Database descriptions collected from vendor and the virtual libraries' websites.				

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# About SERVE

SERVE is an education organization with the mission to promote and support the continuous improvement of educational opportunities for all learners in the Southeast. The organization's commitment to continuous improvement is manifest in a cycle that begins with research and best practice. Building on theory and craft knowledge, SERVE staff develop tools and processes designed to assist practitioners, to refine the organization's delivery of technical assistance to schools and other education agencies, and, ultimately, to raise the level of student achievement in the region. Evaluation of the impact of these activities combined with input from affected stakeholders expands SERVE's knowledge base and directs future research.

This critical research-to-practice cycle is supported by an experienced staff strategically located throughout the region. This staff is highly skilled in providing needs-assessment services, conducting applied research in schools, and developing processes, products, and programs that inform educators and increase student achievement. In the last three years, SERVE staff have provided technical assistance and training to more than 18,000 teachers and administrators across the region and partnered with over 170 southeastern schools on research and development projects.

SERVE is governed by a board of directors that includes the governors, chief state school officers, educators, legislators, and private sector leaders from Alabama, Florida, Georgia, Mississippi, North Carolina, and South Carolina.

At SERVE's core is the Regional Educational Laboratory program. Funded by the U.S. Department of Education's Office of Educational Research and Improvement, SERVE is one of ten organizations providing services of the Regional Educational Laboratory program to all 50 states and territories. These Laboratories form a knowledge network, building a bank of information and resources shared nationally and disseminated regionally to improve student achievement locally. SERVE's National Leadership Area, Expanded Learning Opportunities, focuses on improving student outcomes through exemplary pre-K and extended-day programs.

In addition to the Lab, SERVE operates the Eisenhower Mathematics and Science Consortium for the Southeast and the Southeast Initiatives Regional Technology in Education Consortium. SERVE also administers a subcontract for the Region IV Comprehensive Center and has additional funding from the Department to provide services in migrant education and to operate the National Center for Homeless Education.

Together, these various elements of SERVE's portfolio provide resources, services, and products for responding to regional and national needs. Program areas include Assessment, Accountability, and Standards; Children, Families, and Communities; Education Policy; Improvement of Science and Mathematics Education; Education Leadership; School Development and Reform; and Technology in Learning.

In addition to the program areas, the SERVE Evaluation Department supports the evaluation activities of the major grants and contracts and provides evaluation services to state and local education agencies in the region. The Technology Support Group provides SERVE staff and their constituents with systems, technical assistance, and software applications. Through its Communications and Publications Department, SERVE publishes a variety of studies, training materials, policy briefs, and program products. Through its programmatic, technology support, evaluation, and publishing activities, SERVE also provides contracted staff development and technical assistance in many areas of expertise to assist education agencies in achieving their school improvement goals.

SERVE's main office is at the University of North Carolina at Greensboro, with major staff groups located in Tallahassee, Florida, and Atlanta, Georgia, as well as satellite offices in Bonita Springs, Florida; Durham, North Carolina; and Shelby, Mississippi. Unique among the ten Regional Educational Laboratories, SERVE maintains policy analysts at the state education agencies of each of the states in its region. These analysts act as SERVE's primary liaisons to the state departments of education, providing research-based policy services to state-level education policymakers and informing SERVE about key state education issues and legislation.

**John R. Sanders, Ed.D. ◦ Executive Director**

**SERVE Main Office • P.O. Box 5367 • Greensboro, NC 27435 • 336-315-7400 • 800-755-3277 • Fax 336-315-7457**



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# SERVE Publications Ordering Information

1. Please complete the order form and mail with check or purchase order to SERVE, Communications and Publications, 1203 Governor's Square Boulevard, Suite 400, Tallahassee, Florida 32301. Make check or purchase order out to SERVE, a federally funded contract administered by the University of North Carolina at Greensboro (Federal ID EIN#56-6001-468). Sorry, we cannot accept credit cards.
2. Discounts are available for most SERVE products when you purchase units of 25 or more. Please contact the Distribution Specialist at 800-352-6001 for discount information.
3. If you are requesting an invoice, your order must include a purchase order number.
4. We ship by U.S. Mail and United Parcel Service. Please calculate your shipping charges from the table on the order form. Shipping charges will be higher for special orders and shipping outside the continental U.S. Please allow three weeks for delivery from the time we receive the order in our office. If you require special shipping arrangements, let us know. In most cases, we can accommodate your needs. Prices are subject to change.
5. For more information regarding SERVE's products and ordering procedures, please call 800-352-6001.

## Publications

Description	Item	Price
The 1997 SERVEing Young Children Specialty Area Annual Report	ECAR1	\$2.00
The 1998 SERVEing Young Children Specialty Area Annual Report	ECAR2	\$2.00
Achieving Your Vision of Professional Development	HTAYV	\$10.00
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Assessment HotSpots (Volume 1)	MAAHS	\$8.00
Assessment HotSpots (Volume 2)	MAAHS2	\$12.00
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Blue Ribbon: Portraits of Success: Unlocking the Secrets of High-Performing Schools	PCPOS	\$12.00
Building Babies' Brains: A Training for Infant/Toddler Caregivers	ECBBB	Please Call
A Call to Action: Family Involvement as a Critical Component of Teacher Education Programs	HTCTA	\$6.00
Chartering for Excellence: Developing and Implementing Charter School Legislation	HTCFE	\$6.00
Children Exposed to Drugs: Meeting Their Needs	HTSEC	\$10.00
Coming Together: Collaboration as a Tool for Change	ECCTC	\$3.00
Continuity in Early Childhood: A Framework for Home, School, and Community Linkages	ECECE2	Please Call
Designing the School of Your Dreams	SSDS	\$6.00
Designing Teacher Evaluation Systems that Support Professional Growth	RDTES2	\$8.00
Developing Leadership Programs for "Break-the-Mold" Public Schools	SSBTM	\$10.00
Does Class Size Make a Difference?	RDCSD	\$4.00
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The Education of Homeless Children and Youth: A Compendium of Research & Information	SREHC	\$12.00
Families and Schools: An Essential Partnership	SSFSP	\$6.00
Family-Focused Workplace Guide	ECFFG	\$9.00
Head, Heart, and Hands for Our Youngest Children	ECHHH	\$5.00
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Improving Reading: Southeastern School Strategies	SSIRS	\$6.00
Improving Schools Now: SERVE's Catalog of Programs, Products, and Publications (2001)	PRISM	FREE
Improving America's Schools: Summer Institute 2000	PCIAS	\$6.00
Improving Student Motivation: A Guide for Teachers and School Improvement Leaders	RDISM	\$12.00
Issues to Consider in Moving Beyond a Minimal Competency High School Graduation Test	RDMCT	\$4.00
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Improving Professional Practice through Action Research	MSLDL	\$29.95
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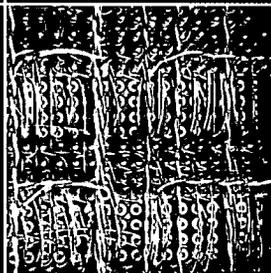
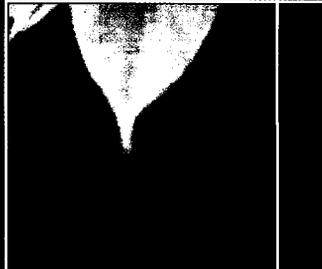
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In the past five years, each state in the SERVE region developed virtual libraries that provide its citizens access to licensed databases. This guide describes each state's offerings, including the methods of access, resources, and available help and training; a primer in basic search conventions and strategies; and a list of suggested Internet search tools.





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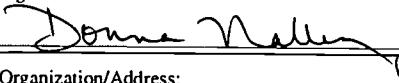
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