Technology for Teachers

Kristen R. Byrd

Follow this and additional works at: https://louis.uah.edu/honors-capstones

Part of the Educational Technology Commons

Recommended Citation

This Thesis is brought to you for free and open access by the Honors College at LOUIS. It has been accepted for inclusion in Honors Capstone Projects and Theses by an authorized administrator of LOUIS.
THE UNIVERSITY OF ALABAMA IN HUNTSVILLE

Honors Program

HONORS SENIOR PROJECT APPROVAL FORM

(To be submitted by the student to the Honors Program with a copy of the Honors Project suitable for binding. All signatures must be obtained.)

Name of Candidate: Kristen R. Byrd
Department: Education
Degree: Elementary Education
Full Title of Project: Technology for Teachers

Approved by:

Dr. Christy Canoe
Project Advisor 5/12/98

Mary L. Pirem
Department Chair 5/12/98

Honors Program Director for Honors Council  Date
Honors Senior Project
Preliminary Description

Name: Kristen R. Byrd

Student Number: ______________________

Date: ________________________________

1. Brief working title of your proposal:
   Technology for Teachers

2. Attach a two or three paragraph description of the subject of your proposed project.

3. In which term/academic year do you plan to complete your project?
   Fall 1997

4. Name(s) and department(s) of possible advisors:
   Dr. Carroll, Education

5. Which courses or other experiences do you consider necessary preparations for your project:
   Student teaching
   Completed work:
   ED 350, Educational Technology

Planned Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Term to be Taken</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Honors Senior Project Proposal

Proposed Title: Technology for Teachers
Student Name: Kristen R. Byrd
Student Number: Phone: 536-1626
Address: 1711 Wakefield Drive
          Huntsville AL 35811

This project fulfills requirements for the UAH Honors Program and Departmental and Course credit in ________

Proposal approved by:
  Project Advisor: Dr. Christy Canell Date: 5/12/98
  Department Chair: Mary L. Perina Date: 5/12/98

Date Proposal received in Honors Office: _______________________

Date Proposal approved by Honors Council: ______________________

Signature of Honors Director: ________________________________
Describe your overall topic in terms of (1) the general issue with which you are concerned, (2) the specific question or questions you have formulated as your particular emphasis, including any hypothesis you may have formulated, and (3) the general ways in which you will go about addressing your question. Your abstract should be confined to this space.

The issue I am interested in is technology in education. I would like to know what kinds of resources are available for teachers to use and how they learn how to use those resources. I am going to use books, libraries, the Internet, and my student teaching experiences to answer these questions.
The remainder of the proposal consists of three sections and a preliminary bibliography. Address each section in turn, using these section headings in your discussion to clearly indicate each part of the proposal. Confine your discussion in each section to no more than one single-spaced typed page. Use the attached form for the bibliography.

Please work with your project advisor to adapt the terminology posed in each section to your particular discipline.

I. **Background/Literature Review.** Summarize the "body of knowledge" or range of perspectives that inform your particular research topic. Be specific in terms of the contributions of individual researchers, theorists, methodologists, critics, etc., to your line of inquiry.

II. **Research Question.** How does your work relate to the background you've discussed above? What is the particular question or theme that you will address and how do you expect it to contribute to the inquiry in this field? Do you have a working hypothesis or perspective?

III. **Methodology/Approach.** How will you go about addressing your question? Be specific in terms of research design, statistical procedures, analysis of primary texts, use of archival sources or data bases, etc., as appropriate to your discipline.
Honors Senior Project
Bibliography

List below the major sources you will be using in each of the appropriate categories.

**Primary Sources** (including texts, documents, data sets, as relevant):
- Classroom observations
- Teacher interviews
- Discussions with other student-teachers
- Internet sites

**Secondary Sources:**

- Journals and other periodicals:
  - Various education periodicals

- Monographs, other reports/studies, governments documents, etc.:

**Reference works:**

**Key books:**

honors/honproj2
09/26/96
Proposal

I. Background/Literature Review

The Educational Technology Course, ED 350, sparked my interest in this subject, although I have long been interested in the many uses of computers. This project draws heavily on my own background knowledge of and experience with computers. It also draws upon education courses, particularly ED 350, and on the student teaching experience.

II. Research Question

The intention of this project is to see how technology is currently being used in education and to develop a resource for other teachers showing what I have found. I want to know what kinds of technology are available for education, how teachers locate these resources, and how they learn to use these resources.

III. Methodology/Approach

To determine how computers are currently being used in the classroom and in the computer lab, I will use interviewing and observation. Then I will search for other resources on my own by observing what the teachers use, looking in the libraries, and searching on the Internet.
Abstract

This project grew out of my own curiosity. As a future educator I am aware that technology is becoming more and more prevalent in the classroom, and in a variety of forms. This past fall semester I began my student teaching. As I prepared for that experience, I wondered what kinds of technology were being used in the classroom. What is available for teachers? How do they get different resources? How do they learn to use these resources? These are the questions I began with.

The purpose of this project is to show the technological resources available to teachers in the Huntsville and Madison County area. I focused on resources from this area since they are the ones I will someday need in my own classroom. I have chosen to compile the information in the form of a booklet that would be helpful to other educators and future educators interested in learning more about technology. This booklet is, of course, not exhaustive, but it covers the resources I was able to locate.

I hope this information can be of use to other teachers and student teachers, and anyone interested in technology in education.
Technology for Teachers

Kristen R. Byrd

Spring 1998

Senior Honors Project

University of Alabama in Huntsville
Outline

I. Introduction and Purpose

II. Technology for Teachers
   A. Chapman Elementary School
   B. Ridgecrest Elementary School
   C. Advantage Learning Systems
   D. ED 350 Educational Technology
   E. Huntsville/Madison County Public Library
   F. Internet
   G. UAH Library

III. “How Accelerated Reader Works”

IV. “Taking a S.T.A.R. Test”

V. Schedule of Computer Classes from the Public Library

VI. Works Consulted
Introduction and Purpose

This project grew out of my own curiosity. As a future educator I am aware that technology is becoming more and more prevalent in the classroom, and in a variety of forms. This past fall semester I began my student teaching. As I prepared for that experience, I wondered what kinds of technology were being used in the classroom. What is available for teachers? How do they get different resources? How do they learn to use these resources? These are the questions I began with.

The purpose of this project is to show the technological resources available to teachers in the Huntsville and Madison County area. I focused on resources from this area since they are the ones I will someday need in my own classroom. I have chosen to compile the information in the form of a booklet that would be helpful to other educators and future educators interested in learning more about technology. This booklet is, of course, not exhaustive, but it covers the resources I was able to locate.

I hope this information can be of use to other teachers and student teachers, and anyone interested in technology in education.
Technology for Teachers

To find resources I have used many sources, which I will discuss in detail:

- Chapman Elementary School
- Ridgecrest Elementary School
- ED 350 Educational Technology
- Huntsville/Madison County Public Library
- The Internet
- UAH Library

The first school I did student teaching at was Chapman Elementary School, in a fifth grade classroom. That classroom had its own computer as well as a TV and VCR. The computer I had expected, since most classrooms have computers these days. I was also not too surprised at the TV and VCR. What did surprise me was that the school had its own "back hall channel." Once a week a news crew composed of fifth graders presented a broadcast to the whole school! They filmed interviews, wrote scripts, and everything else necessary to make a news show. This was most impressive. The school also had a computer lab with Macintoshes, which our class used twice a week. The students learned word processing and desktop publishing. The lessons were taught by the lab instructor; we as classroom teachers were only there to help.

The second school I did student teaching at was Ridgecrest Elementary School, in a third grade classroom. This classroom also had a Macintosh computer and a TV and VCR tied into the school's channel. This
school had a daily newscast, and several fifth grade classrooms took turns presenting it. Ridgecrest also had a computer lab which our class used once a week. There the classroom teacher was responsible for the lesson. We used the computers to learn typing, to practice spelling skills, and to make field trip flyers. The school also had a Jostens lab, which works on reading skills, but it was not functioning the entire time I was there. The classroom computer's primary function was giving Accelerated Reader tests. Also at this school I was introduced to the VCR club — Videos in the ClassRoom.

This group is composed of teachers who meet once a month to discuss VCR technology — how to use a videocamera, filming techniques, and so on. I got a very comprehensive handout from them at a meeting I attended on basic filming techniques. They even had cameras for us to practice with! This group is a lot of fun and an excellent resource for teachers.

In the two schools I taught at, software from Advantage Learning Systems was used. This company created Accelerated Reader and STAR (Standardized Test for Assessment of Reading). I located the company's web site and printed descriptions of both programs, which are included in this paper. Accelerated Reader is the one most people have heard of, and it is being used across the country. Many school web sites included lists of AR books for students to refer to. The schools buy disks of tests, and the students read books that they can test on. Most schools cannot afford all the disks, so the selection is much more limited than the web site's claim
of "14,000 outstanding and popular titles" ("How Accelerated Reader Works, http://www.advlearn.com/PRODUCT/ar/howar.htm). The students earn points based on the difficulty of the book and the number of questions answered correctly. These points are used to earn prizes. In contrast, STAR is an assessment tool rather than a motivational one. It analyzes the student's reading level (and, of course, AR level) and prints out a detailed report which even gives suggestions for appropriate reading (individual, group, teacher directed, etc.). The questions are basically vocabulary questions where the student chooses the appropriate word or meaning. They are progressively harder, and by keeping track of errors, pinpoint the appropriate reading level.

During the past summer semester I took ED 350 at UAH, which is a course in educational technology. We used Morton Hall's new Macintosh computer lab to compose PowerPoint presentations and design Web pages. Each of us in the class created a web page that could be an educational resource for a teacher to use. We learned basic HTML, how to scan pictures, how to send email, and a lot more. This course is a good resource, and I recommend it to all educators who want to learn more about computer technology. Most of the class web pages are accessible through the UAH web page, for anyone who is interested in seeing a sample of student work. The topics are varied, but the overall quality is high.

Another source is the Huntsville/Madison County Public Library. I
have worked there for several years, and this has given me the opportunity to learn what resources they have available. The Gates Foundation has recently donated several thousand dollars’ worth of computers and software to the library, which was put in a new Computer Training Center. These computers have Internet access, word processing software, encyclopedias, children’s software, and much more. The library teaches computer classes for the public in this Computer Training Center, and the computers are also available for public use. I have included a recent class schedule to give an idea of what they teach. In addition to this Computer Center, there are similarly equipped computers in the Reference Department and even in Youth Services for the children. The Reference computers are also equipped with access to EBSCO, which is a periodical database that is an excellent resource (when it is working). The library also has a good Audiovisual Department and a large collection of Reading Rainbow videos and books on tape. On the second floor are many, many Internet guides that can be checked out as well as several available for use in the library.

I have also done extensive searching on the Internet for educational sites. Several lists of web sites are included in the booklet that is the culmination of this project. There are a great many good sites available, and there are some not-so-good ones. This seems to be the trend of the future, using the Internet for reference and communication, so I have
devoted a lot of time to looking at this resource. One concern here is in the accuracy of the information that can be found. Anyone can create a web page, and right now there is nothing regulating content. Anyone may say anything. A good source will document its sources so that a user may verify for himself the content of the page. Also, several groups give out awards for outstanding web sites, and sites that have earned them usually have them displayed at the bottom of the page. Checking for the purpose behind creating the web site can also help. Some are class projects, some are hobbies of the owner, and some are just argumentative or for fun. A careful Internet user will usually be able to distinguish a good site from a poor one, but it is important to be cautious when using it as an information source. (In other words, do not let your senior thesis depend on an argument found only on a web page!)

One other resource is the UAH library. Here I searched for books on educational technology. I found several on theory, but very few were current or had practical applications for classroom teachers. On the bright side, all of the UAH catalog computers have Internet and email access, as well as access to such periodical search engines as EBSCO. On the down side, most of the printers and computers are operated by Venda-cards instead of coins, which makes this more difficult for the general public to access.

There are a great many resources in Huntsville for the teacher that is
willing to look for them. Searching for these resources has taught me a lot. I now know where to look for answers to technological questions, who to turn to for assistance, what web sites are available, and much more. The amount of technology available to teachers is amazing. It is my hope that teachers will utilize these great resources to the fullest extent possible, to enrich the learning environment of their students.
How Accelerated Reader Works!

It's as easy as 1-2-3!

1. Select a book.
   Students make their own choice from more than 14,000 outstanding and popular titles on the Accelerated Reader book lists. The titles range in reading level from first grade through high school. Plus, there are plenty of "high/low" selections for hesitant and remedial readers. These widely acclaimed books are already in the collections of most school and public libraries.

2. Read the book.
   Students then read their books at their own pace. Teachers may elect to set aside time during scheduled class periods or assign independent reading time. In fact, teachers tell us that students get so excited about the program, they read every chance they get! As students grow more involved with good literature, they eagerly discuss books and recommend them to their friends.

3. Take the test.
   Students love to take book tests on the computer! The 5-, 10-, or 20-question multiple-choice test is carefully designed to verify that the student has read the book. With the test completed, the computer instantly reveals how many questions he or she answered correctly, and awards reading points based on the book's length, reading level, and number of correct answers. If the student passes the test, the teacher can rest assured he or she really has read the book.

Home | Products | News | Training | Free Stuff | Support | Search

P. O. Box 8036, Wisconsin Rapids, WI 54495
Phone: (800) 338-4204 / Fax: (715) 424-4242
E-mail: answers@advlearn.com


http://www.advlearn.com/PRODUCT/ar/howar.htm
1. Prior to the test session, the teacher enters information on each student, including grade.

2. When it's time to test, the student just clicks on his or her name and enters a personal password. Optional test monitor password protection adds extra security.

3. The student gets a brief practice session to become familiar with the question format. Students are shown that they can try out answers in context just by selecting them.

4. After the practice session ends, the test begins. The first time a student tests on S.T.A.R., the opening questions start several grade levels below the student's grade placement or the estimated reading level supplied by the teacher. (After the first test, the computer remembers the student's actual level and starts slightly below the tested level).

Then Adaptive Branching takes over, analyzing student responses in real time and administering further questions of appropriate difficulty. The entire process is designed to minimize student frustration and anxiety. Testing generally takes less than ten minutes.

5. When the student testing is complete, S.T.A.R. makes the results immediately available to the teacher or administrator. Multiple levels of security ensure confidentiality. Educators use the data and diagnostic reports to improve reading instruction—providing targeted reading material and boosting

http://www.advlearn.com/PRODUCT/star/starpreview.htm
How STAR Works

reading practice.

Home | Products | News | Training | Free Stuff | Support | Search

P. O. Box 8036, Wisconsin Rapids, WI 54495
Phone: (800) 338-4204 / Fax: (715) 424-4242
E-mail: answers@advlearn.com

Huntsville Madison County
Public Library
Regional Computer Training Center
Public Class Schedule

Class Signup for this schedule begins Monday, April 20, 9:00 am

<table>
<thead>
<tr>
<th>Date</th>
<th>Class</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mon, April 27</td>
<td>BASIC PC SKILLS</td>
<td>9:30-11:30 am</td>
</tr>
<tr>
<td>Tues, April 28</td>
<td>MICROSOFT WORD WIZARDS</td>
<td>9:30-11:30 am</td>
</tr>
<tr>
<td>Tues, April 28</td>
<td>BASIC INTERNET</td>
<td>1:00-3:00 pm</td>
</tr>
<tr>
<td>Wed, April 29</td>
<td>BASIC MICROSOFT WORD</td>
<td>9:30-11:30 am</td>
</tr>
<tr>
<td>Wed, April 29</td>
<td>BASIC PC SKILLS</td>
<td>1:00-3:00 pm</td>
</tr>
<tr>
<td>Thurs, April 30</td>
<td>BASIC INTERNET</td>
<td>9:30-11:30 am</td>
</tr>
<tr>
<td>Thurs, April 30</td>
<td>MICROSOFT PUBLISHER</td>
<td>1:00-3:00 pm</td>
</tr>
<tr>
<td>Fri, May 1</td>
<td>SURFING THE NET</td>
<td>9:30-11:30 am</td>
</tr>
<tr>
<td>Tues, May 5</td>
<td>BASIC PC SKILLS</td>
<td>1:00-3:00 pm</td>
</tr>
<tr>
<td>Wed, May 6</td>
<td>BASIC MICROSOFT WORD</td>
<td>1:00-3:00 pm</td>
</tr>
<tr>
<td>Thurs, May 7</td>
<td>BASIC PC SKILLS</td>
<td>9:30-11:30 am</td>
</tr>
<tr>
<td>Thurs, May 7</td>
<td>BASIC INTERNET</td>
<td>1:00-3:00 pm</td>
</tr>
<tr>
<td>Fri, May 8</td>
<td>MICROSOFT WORD WIZARDS</td>
<td>9:30-11:30 am</td>
</tr>
</tbody>
</table>

Call 532-2356 to register for classes or sign up for public use (2-hour limit per day)

Last updated April 15, 1998
Works Consulted: an annotated bibliography

This book has essays that are interesting, a good bibliography, information on videos, and informative tips for educators.

<http://www.advlearn.com/PRODUCT/ar/howar.htm> 1998,
Advantage Learning Systems, Inc.
This is a brief description of how the Accelerated Reader program works.
More details can be found on the web site.

<http://www.advlearn.com/PRODUCT/star/startest.htm> 1998,
Advantage Learning Systems, Inc.
This describes how the computer tests a student. More information is available on the web site.

This book talks about ethical considerations and the use of technology, with appropriate discussions for high school students.

This is an old book, but I found it interesting. It has a glossary, a listing of types of computers (outdated), and discusses some education software. Some schools may actually still be running these programs. The book takes a good look at its topic.

This is a detailed look at technology program implementation, getting into educational psychology, etc. It has lots of charts and diagrams.

This is one of the newest books I found, but it was not very helpful.
Technology for Teachers

A resource guide for educators and future educators, particularly those in the Huntsville/Madison County area.

Compiled by Kristen R. Byrd
Spring 1998
Senior Honors Project
University of Alabama in Huntsville
# Table of Contents

- The Purpose of This Book ......................................................... 1
- Disclaimer ............................................................................. 2
- Resources in Huntsville and Madison County ......................... 3
- TV, VCR, and Camcorder Books for Teachers ......................... 6
- TV, VCR, and Camcorder Books for Children ......................... 7
- Computer Books .................................................................... 8
- Internet Books for Teachers .................................................. 9
- Internet Books for Children (And Parents) .............................. 11
- General Education and Teacher Reference Sites .................... 12
- Educational Technology Web Sites ......................................... 23
- Textbook and Children's Book Publishers Web Sites ............... 26
- Online Reference Sites .......................................................... 27
- Authors' Web Sites ................................................................ 30
- Virtual Museums and Exhibits ................................................ 34
- Web Sites Especially for (or about) Kids .............................. 38
- Web Sites Especially for Parents ........................................... 41
- Local Web Sites .................................................................... 42
- Alabama Web Sites ............................................................... 45
- National Web Sites ............................................................... 47
- Internet Search Engines and Web Browsers ......................... 49
- Internet Providers ................................................................. 50
- Email Providers .................................................................... 51
The Purpose of This Book

This book is what resulted when I crossed a senior Honors project and a semester of student teaching. I began my student teaching with a lot of questions about technology in education. This book is what happened when I tried to answer those questions.

My questions were:

What technology is available for teachers?
How do teachers get different resources?
How do teachers learn to use those resources?

Since I had these questions, I felt it was reasonable to assume that others had the same questions. In fact, some of the people I mentioned my project to requested a copy of it when I finished. So I know there is a need for this. I hope this booklet can help other teachers as much as preparing it helped me!
Disclaimer

I have compiled the lists of Web sites in this book by searching and browsing various sources. I have taken a brief look at all of them, but I have only checked a few of the sites in depth. Therefore, I am not responsible for the content of these sites or their links. If you plan to use one of these links in your classroom, investigate it thoroughly before allowing your students to use it. As with any resource, use common sense about what is and is not acceptable for students.

Thank you!

Kristen R. Byrd
Resources in Huntsville and Madison County

This section owes a lot to the Huntsville/Madison County Public Library and its Directory of Community Organizations, where I located or double-checked several of the addresses.

Huntsville/Madison County Public Library

This library has a lot of resources for teachers who are willing to look. There is a new Computer Training Center, (256) 532-2356, which offers public access to computers with word processing, Internet browsers, encyclopedias, children’s software, and much more. In this same Center the staff teaches classes on computer skills ranging from “Basic PC Skills” to “Surfing the Net” to “Genealogy Online.” They have offered courses on children’s software and other specific skills as well. You can call ahead to register for a class or sign up for some computer time. On the second floor in the Reference Department there are also several computers, some specifically Internet and some with the same variety as in the Computer Center. The library also has access to EBSCO, which is a periodical and newspaper index online. These computers only take walk-in reservations. The card catalog has been computerized for many years now, as well. The children’s department also has computers designated especially for the children to use. The Audiovisual Department has many videos of an educational nature that are worth browsing. In addition, the children’s video collection has been moved to Youth Services. They have an extensive collection of Reading Rainbow tapes, for example, and many classic movies. They also have recently enlarged their collection of books on tape for children and young adults. The library has a new web address (http://www.hpl.lib.al.us) and the card catalog and EBSCO can be accessed from this. It also has a good collection of reference links. The library is at 915 Monroe Street and the phone number is (256) 532-5940.

UAH Library

This university library has fewer resources of a practical nature for educators, but it has a great many books on theory. This library also has a web site (http://www.uah.edu/library/) and the catalog is available from this, as well as a way to check on your overdue books. At the library, all of the card catalog computers have Internet and email access, as well as access to EBSCO and other periodical databases. It is possible to find a lot of information here, if you are willing to work through several databases. The printers that I located, however, are operated by Venda-cards, as are most of the copy machines and the microfilm machines. If you do not have a Venda-card, there is a machine on the first floor near the periodicals that will sell one to you. Come prepared with dollar bills. The number for
Circulation is (256) 890-6530 and the number for Reference is (256) 890-6529. I am sure the library has a mailing address, but it is not located on any particular road or parking lot. It is between the University Center, Roberts Hall, and the Nursing building connected by long walkways to the parking lots, looking rather like a spider in the middle of a web. So if it looks like rain, take an umbrella.

Technology Assistance for Special Consumers, TASC

TASC is a nonprofit organization that is located on the second floor of the Huntsville/Madison County Public Library. It serves people with various disabilities by means of technology. It is staffed by several paid employees as well as volunteers and could always use some more help. They are open Tuesday through Thursday, with varying hours. The patrons use the computers and software in a variety of ways. One blind lady types children’s stories on a talking computer, a girl who is hard of hearing practices speech with a computer, some children practice school skills, and so on. There is a membership fee for those who use the facilities, and the families can check out software and even computers sometimes. This is not a resource for everyone, since there is not enough to go around, but if you have a child with a handicap in your class it would be good to talk to them. Also, volunteering there can really teach you a lot about computers and software in education. Their phone number is (256) 532-5996 and the address is also 915 Monroe Street.

Huntsville Computer Club

According to the Directory of Community Organizations (published by the library), the contact person for this group is Marie McCormack at (256) 880-8210 (h).

Huntsville PC Users Group, Inc.

The contact person for this group is Danny Born, P.O. Box 16013, Huntsville, AL 35802. The phone is (256) 539-5940 (h). They also have a web site at http://fly.hiwaay.net/~pcusers/ and you can contact the group this way. If you are new to computers, joining a user’s group can be very helpful.

Tennessee Valley Newton Users Group

This is another group for which I was unable to locate an address, but the web site is at http://newton.uah.edu and is a way to contact them.

Huntsville Macintosh Users Group

I could not find any information at all on this group, but I know they exist. They meet on the second Saturday of every month at 9:00 A.M. at
The VCR Club, Videos in the ClassRoom

This is a group of Huntsville City School System teachers that meets occasionally and learns videorecording techniques. They gave out a good handout at the meeting I attended, and we even got to use actual cameras to practice on. They take turns meeting at each others' schools, so ask around to see if it will be at your school soon. I do not have a contact address for this group, but Keith Ward at Huntsville's ETV can tell you how to reach them.

Madison County Education Association

I found this group in the Directory of Community Organizations (published by the library). The contact person is Deborah Smith at Monrovia School, (256) 837-3628 (w). This is a school number, so be careful when you call.
TV, VCR, and Camcorder Books for Teachers

Most camera and VCR instruction manuals come with useful tips. Camera manuals in particular often give valuable advice on filming. Always read the instructions!

This book has excellent detail and black and white illustrations, but can be a bit technical. It is good for an in-depth answer to a question.

This one is easy to understand, with lots of photographs and diagrams.
TV, VCR, and Camcorder Books for Children

Guthrie, Donna and Nancy Bentley. The Young Producer's Video Book.
This is an excellent book for young film makers to use. Lots of pictures, simple explanations, and useful tips fill this book. It goes from choosing the crew to editing, animating, and more.

This book is for older children and teens. It is very detailed and discusses both fiction and nonfiction video production. It discusses everything from equipment to connecting items to editing concepts. It is a good book.

This is a more detailed book with black and white photographs, diagrams, script samples, and more. This would be suitable for older children.
Computer Books

Everybody loves Kid Pix, so I had to include this book. It has more games and activities than educational items, but it is a fun book. Some of the activities will work on other children's desktop publishing programs.

This is an old book, but I found it interesting. It has a glossary, a listing of types of computers (outdated), and discusses some education software. Some schools may actually still be running these programs. The book takes a good look at its topic.

This is a book of Hypercard stacks for Macintosh computers, and comes with a disk. It is an excellent resource for teachers who use a Mac.

This is a guide to shareware available for Macs. It is a little old but still a good resource. It gives good descriptions of each program.
This is a much more technical book than some of the others, and it contains a lot of good information. It discusses everything from FTP to Gopher to the Web.

This is an excellent resources of resources, with an annotated listing of links to check out, broken down by subject. This is valuable for teachers as well as students. Definitely worthwhile.

This book is aimed toward high school students and older, so I included it on this page. It is a thorough guide to Internet services and how to get connected to them. It covers more than education, but it could be useful to teachers.

This is a more technical and thus more overwhelming Internet guide, but it too is useful. If you really want to know the details before getting involved with the Internet, try this book.

This is a book "of ideas, resources, projects, and advice," according to the front cover, and it does live up to that. It suggests resources and how to access them, broken down by topic. Its size is overwhelming, but the book is worthwhile if you are hunting resources.

I picked up this book thinking it would be useful, but it is not. It is way too detailed, yet never really gets to anything of interest that you can't find elsewhere. For serious Internet users this may be helpful. I included the book on this list anyway so that no one else will waste time on it.

I picked up this book mostly because of the intriguing title. Although not specifically related to education, it is still interesting because of the amusing and peculiar Internet stories it includes, such as the only Coke machine wired to the Internet. It is a good introduction, and worth taking a look at.

This is not only a good Internet guide, but also a good research guide! It warns about false information on the Internet, netiquette, and much more.

This book is included in the adult books because it is written for older students (high school and beyond) and is therefore a valuable resource for adults. It lists several reference sites divided by subject area.

This is a wonderful book written particularly with teachers in mind. It covers all the basics of Internet use, ways to apply it to the classroom, and suggested web sites. Every teacher should take a look at this.

This is a really good book with detailed information about the web sites it suggests. It is grouped by subject, and has lots of neat stuff (for lack of a better term).
Internet Books for Children (And Parents)

Armstrong, Sara. *Kidstuff on the Internet*. San Francisco: SYBEX, 1996. This is a detailed manual for young people, with detailed descriptions of each resource mentioned. They are grouped by topic and subtopic. There is also a lot of information about different ways of accessing the Internet and a netiquette guide too.

Bix, Cynthia. *Kids do the Web*. San Jose, CA: Adobe Press, 1996. This book discusses how to create Web sites with a lot of detail, examples, and photographs to help out. It is a good guide for children and adults to work through together. Since it is by Adobe, it mentions their products frequently. It is a good guide.

Gralla, Preston. *Online Kids*. New York: John Wiley and Sons, 1996. Detailed, big print, lots of illustrations straight from the computer desktop, and helpful tips make this a very fun and interesting guide for students. The book rates sites on a “Usefulness Index” as well as a “Coolness Index.” A lot of the sites are on commercial browsers such as AOL and Prodigy, however.

Lazarus, Wendy and Laurie Lipper. *The Parents’ Guide to the Information Superhighway*. Santa Monica, CA: Children’s Partnership, 1996. This short book is a great resource for parents, with everything from definitions to guidelines for children. It discusses age groups and computer use and how to become more involved at your child’s school. It also suggests some resources.

Pedersen, Ted and Francis Moss. *Internet for Kids!* New York: Price Stern Sloan, 1995. This excellent tutorial for children also includes a teacher’s and parent’s guide, as well as a list of rules for children to follow while using the Internet, such as not divulging personal information. It has a fun format, lots of tips, lots of information, and lots of sources to check out. This was the one I enjoyed reading most, although some of the definitions given seemed slightly inaccurate.
General Education and Teacher Reference Sites

Academic Competitions
Odyssey of the Mind
http://www.odyssey.org/odyssey/

National Geography Bee
http://www.nationalgeographic.com/society/ngo/geobee/

National Spelling Bee
http://www.spellingbee.com

MathCounts
http://thechalkboard.com/MC/

Art
Origami Garden
http://ccwf.cc.utexas.edu/~vbeatty/origami/gate2.html
Diagrams and lessons.

KinderArt
http://www.bconnex.net/~jarea/lessons.htm

Eyes on Art
http://www.kn.pacbell.com/wired/art/art.html
Art activities

Michaels' Kids Club
http://www.michaels.com/kids/kid-main.html
The craft store's page

World-Wide Webs: String Figures from Around the World
http://darsie.ucdavis.edu/string/
Complex but cool

Assessment
Designing Performance Assessments
http://www.geocities.com/Athens/Parthenon/8658
Excellent page.

Gifted and Talented
Gifted and Talented Resources
http://205.121.65.141/Millville/Teachers/TAG/gifted.htm
Language Arts
English Language and Literatures for K-12 Teachers
http://www.virginia.edu/~libarts/english.htm

Labyrinth Library
http://www.georgetown.edu/labyrinth/library/
  Middle English Bookcase
  http://www.georgetown.edu/labyrinth/library/me/me.html
  Old English Poetry
  http://www.georgetown.edu/labyrinth/library/oe/alpha.html

The Old English Bible
http://davinci.marc.gatech.edu/catholic/scriptures/saxon-bible.html

Bulfinch's Mythology
http://www.webcom.com/shownet/medea/bulfinch/welcome.html

Just Say "Know" to Whole Language
http://www.freedomparty.org/wholmain.htm
Against whole language

Whole Language Umbrella
http://www.edu.yorku.ca/~wlu/wlu_home.htm
In support of whole language

Math
Cuisenaire Math Resources
http://www.cuisenaire.com

Welcome to Natural Math
http://www.naturalmath.com

Math Central
http://mathcentral.uregina.ca
Canadian site with resources

Math Magic
http://forum.swarthmore.edu/mathmagic/
User participation - see site for details
Math Web Sites and Resources
http://www.csun.edu/~vcced009/math.html

Mega Mathematics
http://www.c3.lanl.gov/mega-math/
Puzzles, etc.

Math Solutions Online
http://www.mathsolutions.com/
Marilyn Burns site

Science
Explorer
http://explorer.scrtec.org/explorer

Nye Labs Online (Bill Nye the Science Guy)
http://nyelabs.kcts.org/

The Why? Files — Science Behind the News
http://whyfiles.news.wisc.edu/

Bizarre Stuff You Can Make In Your Kitchen
http://freeweb.pdq.net/headstrong/

Scientific American
http://ww.sciam.com/

Chemicool Periodic Table
http://wild-turkey.mit.edu/Chemicool

Windows to the Universe
http://www.windows.umich.edu/
Cool site

Vicki Cobb’s Kid’s Science Page
www.vickicobb.com/
The author’s page

Science Power 2000
http://www.luc.edu/schools/education/science.htm
Lots of links, but had trouble loading
Neuroscience for Kids
http://weber.u.washington.edu/~chudler/neurok.html

National Student Research Center
http://youth.net/nsrc/nsrc.html

Intelligent Child (Learning Rocks)
http://www.intelligentchild.com/index.html

K-8 Aeronautics Internet Textbook
http://wings.ucdavis.edu/

Science Information Infrastructure
http://www.cea.berkeley.edu/Education/sii/sii_sii.html

Model Rocketry for Educators
http://members.aol.com/voraze/toc.html

Teaching Space Science with Simulation
http://www.en.com/ecco

Education Space Simulations Project
http://chico.rice.edu/armadillo/Simulations/simserver.html

TOYS (Teach Our Youth Science)
http://nhs.njsd.org/users/s/sherttin/
Using toys to teach science

Star Child
http://starchild.gsfc.nasa.gov
“A learning center for young astronomers”

Kids Korner
http://www.publib.nf.ca/kids/
Science and nature Canadian site

Ocean Potions
http://www.geocities.com/Athens/2714/
Ocean links K-8

Neptune’s Web
“Get the facts on oceanography” for teachers and kids
Playground Physics
http://lyra.colorado.edu/sbo/mary/play/
Grades 4-7, teachers' guide

Astronomy With a Stick
http://www.nsta.org/programs/sst/aws/aws.htm
“Daytime Astronomy for Elementary and Middle School Students”

Frank Potter’s Science Gems
http://www-sci.lib.uci.edu/SEP/SEP.html
Categorized resources

Planet Student (NewScientist)
http://www.newscientist.com/student/
For older ones. British

See How It Flies!
http://observe.ivv.nasa.gov/nasa/exhibits/planes/planes_0.html
NASA aeronautics basics site. The “O” is a zero.

Social Studies
Jan Kempe’s Home Page
http://www.cmi.k12.il.us/~kempeja/
Has ancient civilizations resources, including student work.

Daily Life in Ancient Civilizations
http://members.aol.com/Donnclass/indexlife.html
A class put this together. Good site.

History/Social Studies Web Sites for K-12 Teachers
http://www.execpc.cpm/~dboals/boals.html
Lots of links; excellent collection.

Magellan Maps
http://pathfinder.com/travel/maps

Mapmaker, Mapmaker, Make Me a Map
http://loki.ur.utk.edu/ut2kids/maps/maps.html

The History of Costume
http://www.siue.edu/costumes/history.html
The Ancient Greek World
http://www.museum.upenn.edu/Greek_World/Intro.html

The Castles of Wales
http://www.castlewales.com/home.html

CSS Alabama History
http://www.history.navy.mil/branches/org12-1.htm

Grand Canyon Explorer
http://www.kaibab.org/
A tour

United Nations
http://www.un.org/

University of Memphis Institute of Egyptian Art and Archaeology
http://www.memst.edu/egypt/main.html

The Ancient Source
http://www.geocities.com/Athens/Academy/9040 or
http://www.ancientsource.home.ml.org
Information on Ancient Greece and Rome

The Perseus Project
http://www.perseus.tufts.edu
Cool texts, etc.

Ancient Sites
http://www.AncientSites.com/
Looks cool, but I did not explore it much

Victorian Fashion Pages
http://www.teasociety.com/victorian/

Bede's World (Museum of Early Medieval Northumbria at Jarrow)
http://www.bedesworld.co.uk/
Cool exhibit

Culture Quest — Exploring Hispanic Cultures
http://www.geocities.com/Athens/Oracle/6676
CSS Journal — Computers in the Social Studies  
http://www.cssjournal.com/journal/

American Promise  
http://www.americanpromise.com/home.html

Social Science Resources Homepage  
http://www.nde.state.ne.us/SS/ss.html  
A page from Nebraska with good links

Lesson Plans and Resources for Social Studies Teachers  
http://www.csun.edu/~hcedu013/index.html

Victorian Web  
http://www.stg.brown.edu/projects/hypertext/landow/victorian/victov.html

Baroque Costumes  
http://www.geocities.com/Paris/Rue/1663/costumes.html

Boys' Historical Clothing  
http://members.tripod.com/~histclo/

Greek Costume Through the Centuries  
http://www.firstnethou.com/annam/costhist.html/

Medieval Timeline  
http://www.btinternet.com/~timeref/

Wyrme's Encyclopedia of Knighthood  
http://www.geocities.com/Athens/Olympus/3049

The Asclepion — Ancient Medicine  
http://www.indiana.edu/~ancmed/intro.HTM

Historical Atlas of the Twentieth Century  
http://www.richmond.infi.net/~mwhite/28/20th-cen.html

Center for Research in Early English Drama  
http://www.chass.utoronto.ca:8080/~reed/reed.html
Atlas of the Greek and Roman World
http://www.unc.edu/depts/cl_atlas/
Looked cool, but not really helpful

Cyndi's List of Genealogy Sites on the Internet
http://www.CyndisList.com/
Excellent resource

Land Record Reference
http://www.ultranet.com/~deeds/landref.htm

Discoverers Web

Latitude: How to Sail the World
http://www.ruf.rice.edu/~feegi/
Cool!

Journey Through the Middle Ages
http://tqjunior.advanced.org/4051

Center for the Liberal Arts History Resources
http://www.virginia.edu/~libarts/history.htm

Medieval and Renaissance Games Home Page
http://www.inmet.com/~justin/game-hist.html

Timeline: Ancient Rome
http://www.exovedate.com/ancient_timeline_one.html

Roman Ball Games
http://www.personal.psu.edu/users/w/x/wxk116/romeball.html

Greek Civilization
http://www-adm.pdx.edu/user/sinq/greekciv/carr.html

The Romans Page
http://ireland.iol.ie/~coolmine/typ/romans/intro.html

How Did Your Senators and Representative Vote?
http://pathfinder.com/cgi-bin/congress-votes
Searches by zip code. Dull-looking but informative
Teaching
Teachers Helping Teachers
http://www.pacificnet.net/~mandel/
Has a variety of resources.

Kathy Schrock's Guide for Educators
http://www.capecod.net/schrockguide/
Boasts over 800 links.

PlanetK-12
http://planetk-12.planetsearch.com/
Sort of a browser for teachers.

The Teacher Resource Page
http://grove.ufl.edu/~klesyle/
Has links.

Teacher Tips
http://edcen.ehhs.cmich.edu/~tvantine
Good site; has links.

Teachers.net
http://www.teachers.net/
Has a lesson bank which you can add to or print from.

Web Sites and Resources for Teachers
http://www.csun.edu/~vceed009/

The Lesson Plans Page
http://www.coe.missouri.edu/~kyle/edu.htm
Lots of good stuff.

RHL School
http://www.rhlschool.com/
Worksheets and activities.

The Awesome Library Site
http://www.neat-schoolhouse.org/
Lots of educational links.

The Brain Station
http://www.brainstation.com/
Resources and links; pretty neat.
Curriculum Web
http://www.curriculumweb.org/cw

The Educator's Toolkit
http://www.eagle.ca/~matink
Miscellaneous stuff.

AskERIC
http://ericir.syr.edu/
Lesson plan database, etc.

Online Educator
http://ole.net/ole/

New Century School House
http://www.landmark-project.com/ncsh/
This is a unique site.

Cornell Theory Center
http://www.tc.cornell.edu/Edu/CTC/Eduk-12
Has links.

Digital Education Network
http://www.actden.com/

Doc's Education Resource Pages
http://www.nmia.com/~cram/index.html
Links.

EdLinks
http://webpages.marshall.edu/~jmullens/edlinks.html

EDUCATIONindex
http://www.educationindex.com/

Education World
http://www.education-world.com/

Educational Hotlists
http://sln.fi.edu/tfi/hotlists/hotlists.html
Educational Online Sources
http://netspace.students.brown.edu/eos/main_image.html

Learner Online
http://www.learner.org/

Middle School Web Resources
http://www.westnet.com/~rickd/Teachers.html

Teacher & Student
http://education.simplenet.com/

Smithsonian Education
http://educate.si.edu

The Global Schoolhouse
http://www.gsh.org/comm/pilot_2.htm

Virtual Schoolhouse
http://sunsite.unc.edu/cisco/schoolhouse
Has links.

Classroom Connect
http://www.classroom.net
Has good Acceptable Use policies.

I Love Teaching
http://www.iloveteaching.com

Teacher Talk
http://www.angelfire.com/ks/teachme/

The Teacher's Desk
http://www.knownet.net/users/Ackley

Discovery Channel Online
http://www.discovery.com
Educational Technology Web Sites

U.S. Department of Education, Office of Educational Technology

From Now On, Educational Technology Journal Online
http://fromnowon.org

Educational Technologies, WWW Virtual Library
http://agora.unige.ch/tecfa/edutech/welcome_frame.html

Electronic School Online
http://www.electronic-school.com/

Educational Technology Network
http://www.eductechnet.com
This has good links.

International Technology Education Association
http://www.iteawww.org
This too has good links.

George Lucas Educational Foundation
http://glef.org
Yes, it's that George Lucas!

Advantage Learning Systems, Inc.
http://www.advlearn.com/
Makes Accelerated Reader and S.T.A.R.

Technology Resource Institute
http://www.techresource.org/
The page says it is "dedicated to bringing information technology resources to the public."

Educational Resources
http://www.edresources.com/
This is a software and computer supply company, and they have an excellent catalog as well as an excellent web site.

http://web66.coled.umn.edu
How to set up a school page, links, etc.
NetGuide  
http://www.netguide.com

Tips for Technology Coordinators  
http://ww.tcworld.com

An Overview of the World Wide Web  
http://www.cio.com/WebMaster/sem2_home.html

Exploring the World Wide Web  
http://www.gactr.uga.edu/exploring/index.html

Net Learning  
http://www.ora.com/info/netlearn
A book review.

Essential Computing  
http://www.lookup.com/Homepages/88200/computer.html
Has teacher resources.

The Hands-On Technology Program  
http://www.galaxy.net/~k12/

Alliance for Technology Access  
http://www.ataccess.org

TASC  
http://tasc.ataccess.org/

Apple  
http://www.apple.com/

IBM  
http://www.ibm.com/

Compaq  
http://www.compaq.com/

Packard Bell  
http://www.packardbell.com/
Humongous Entertainment
http://www.humongous.com/

Microsoft Kids
http://www.microsoft.com/kids/

Edmark
http://www.edmark.com/

IntelliTools Inc.
http://www.intellitools.com/

Houghton Mifflin Interactive
http://www.hminet.com/

Electronic Arts/EA Kids
http://www.ea.com/

MECC
http://www.mecc.com/

Broderbund
http://www.broderbund.com/

Jostens Learning Corporation
http://www.jlc.com/

Apple K-12 Education
http://ed.info.apple.com/education/
Textbook and Children’s Books Publishers Web Sites

Houghton Mifflin Education Place
http://www.eduplace.com/index.html
K-8 resources, brainteasers, etc.

MacMillan/McGraw-Hill Resource Village
http://www.mmhschool.com/

Addison Wesley
http://www2.awl.com/corp/disciplines/school.html

Scholastic
http://www.scholastic.com
This site has book club information along with other resources like Instructor magazine.

Planet Troll (Troll Books)
http://www.troll.com
Online Reference Sites

Miscellaneous Sites
Virtual Election
http://virtualelection.org/
This has presidents' pictures in it.

Newspapers On World Wide Web
http://www.gt.kth.se/publishing/news.html#UH
It includes papers from all over the world, in several languages.

Wieck Photo Database
http://www.wieckphoto.com
This has Alabama pictures among others.

National Geographic Society
Excellent site, with maps and other stuff.

British Monarchy
http://www.royal.gov.uk/

Study Web
http://www.studyweb.com
Lots of good links here.

Research-It
http://www.itools.com/research-it/research-it.html
Reference items: dictionaries, maps, etc.

CIA World Factbook

Biographical Dictionary
http://s9.com/biography

Bartlett's Quotations
http://www.columbia.edu/acis/bartleby/bertlett/

OneLook Dictionaries
http://www.onelook.com/indek.html
List of U. S. Presidents
http://www.fujisan.demon.co.uk/US Presidents/preslist.htm

Old Farmer's Almanac
http://www.almanac.com/

Calendar Zone
http://www.calendarzone.com

Kitchen Measurement Conversion Table
http://www.skemp.com/guides_conversions.htm

Calculators On-Line Center
http://www-sci.lib.uci.edu/HSG/RefCalculators.html
This site has items that can calculate anything; check it out! It may be hard
to access, so try typing the address one phrase at a time after the/.

Martindale's The Reference Desk
http://www-sci.lib.uci.edu/~martindale/Ref.html

Encyclopedia Resource
http://www.si.edu/resource/faq/

Knowledge Adventure Encyclopedia
http://www.adventure.com/encyclopedia

MLA Style
http://www.mla.org/set_stl.htm

Learn2.com
http://www.learn2.com/

Miscellaneous How-to

Information Please
http://www.infoplease.com/

Book Collections and Libraries
Project Bartleby Archive
http://www.columbia.edu/acis/bartleby
Classic books by famous authors.
Bibliomania: The Network Library
http://www.bibliomania.com/
Texts online; fiction and nonfiction. Good.

List of Public Libraries with Internet Services
http://sjcpl.lib.in.us/homepage/PublicLibraries/PublicLibraryServers.html

Internet Public Library
http://www.ipl.org
Books, interviews, even a youth section.

Books Out-of-Print
http://www.bowker.com/bop/home/boop.html
Authors’ Web Sites

General
Internet School Library Media Center
http://falcon.jmu.edu/~ramseyil/biochildhome.htm
Lots of author information here.

Children’s Book Guild
http://www.childrensbookguild.org/

Parent’s Place Children’s Book Reviews

Children’s Literature Web Guide
http://www.acs.ucalgary.ca/~dkbrown/index.html

Specific Authors
All Alcott: The Louisa May Alcott Web
http://www.coppersky.com/louisa/
Good site.

Louisa May Alcott
http://www.tetranet.net/users/stolbert/alcott/lma_main.html

Hans Christian Andersen Picture Page
http://www.terminate.com/hc
Lots of good pictures of the author.

The Hans Christian Andersen Museum
http://www.odkomm.dk/int/hcamuk.htm

Avi
http://www.avi-writer.com

Berenstain Bear Country
http://www.berenstainbears.com/

Judy Blume’s Home Base
http://www.judyblume.com/menu-main.html

Official Eric Carle Web Site
http://www.eric-carle.com/
Lewis Carroll: An Overview
http://www.stg.brown.edu/projects/hypertext/landow/victorian/carroll/carollov.html

Unofficial Beverly Cleary Home Page
http://www.teleport.com/~krp/cleary.html

Vicki Cobb’s Kid’s Science Page
http://www.vickicobb.com/

Roald Dahl
http://www.nd.edu/~khoward1/Roald.html

Roald Dahl Club
http://www.roalddahlclub.com

Tomie dePaola Page
http://www.opendoor.com/bingley/mywebpage.html
Has address, links.

Edward Eager Page
http://www.geocities.com/Athens/Delphi/1287

Jean Craighead George
http://www.jeancraigheadgeorge.com/

Official Brian Jacques Home Page
http://www.redwall.org/dave/jacques.html

Redwall Abbey
http://www.redwall.org/redwall/homepage.html

Madeleine L’Engle
http://wwwvms.utexas.edu/~eithlan/lengle.html

Madeleine L’Engle Biography
http://members.aol.com/kfofpql/LEngl.html

Astrid Lindgren
http://www.interlog.com/~wings/jane/a_lindgren.html

Learning about Lois Lowry
http://www.scils.rutgers.edu/special/kay/lowry.html
Lois Lowry
http://www.mtnbrook.k12.al.us/wf98/llowry.htm

Robin McKinley: the official home page
http://ofb.net/~damien/mckinley/

A. A. Milne
http://www.public.iastate.edu/~jmilne/pooh/milne.html

100 Acre Wood
http://www.geocities.com/Heartland/Meadows/7967/

The-Hundred-Acre-Wood
http://www.the-hundred-acre-wood.com/

Lucy Maud Montgomery
http://www.uxbridge.com/people/maud.html

Official Katherine Paterson Web Site
http://www.terabithia.com

David Patneaude
http://www.02.net/~patnd/

Gary Paulsen
http://members.aol.com/goal1/paulsen.html

Beatrix Potter’s Characters
http://funnelweb.utcc.utk.edu/~estes/potter.html

The Peter Rabbit Web Site
http://www.peterrabbit.co.uk/

The World of Curious George (H.A. and Margaret Rey)
http://www.hminet.com/george/

Cynthia Rylant
http://www.tetranet.net/users/stolbert/research/rylant.html

Antoine de Saint-Exupery
http://www.westegg.com/exupery
Allen Say

The Ultimate Dr. Seuss Page
http://www.webcomposer.com/seuss/seuss.html

Marilyn Singer
http://users.aol.com/writerbabe/marilyn.htm

Zilpha Keatley Snyder
http://www.microweb.com/lsnyder/home.html

Mark Twain
http://www.lm.com/~joseph/mtwain.html

Laura Ingalls Wilder
http://webpages.marshall.edu/~irby1/laura.htmlx
Virtual Museums and Exhibits

Aircraft
Virtual Aircraft Museum
http://www.ase.ee/~star/
Pictures sorted by country.

U.S. Air Force Museum
http://www.wpafb.af.mil/museum/
Pictures and information about aircraft, etc.

“To Fly Is Everything” Virtual Airplane Museum
http://hawaii.cogsci.uiuc.edu/invent/air_main.shtml
Photos, videos, etc.

Art
The Dali Virtual Museum of Art
http://www.nol.net/~nil/dali.html

Comic Art & Graffix Gallery
http://www.comic-art.com/

British Museum Ancient Greeks Virtual Tour
http://www.rmplc.co.uk/eduweb/sites/all souls/bm/ag1.html
Designed by a teacher!

Memphis Brooks Museum of Art, Tennessee
http://www.brooksmuseum.org/
Has some pictures.

The Prado Museum, Spain
Under “Visits” is tour and paintings.

Gallery Guide Online
http://www.gallery-guide.com/content/current/index.htm
Talks about exhibits at museums; includes some good pictures.

Leonardo da Vinci Museum
http://www.leonet.it/comuni/vinci/
Has a good biography.
Le Louvre
http://www.smartweb.fr/louvre
Tricky to maneuver in.

History
Museum of Woodworking Tools
http://www.antiquetools.com

Virtual Wall
http://www.iinc.com/VirtualWall/sequential.htm
Includes names left off of the Vietnam Veterans Memorial.

Historic Valley Forge
http://www.libertynet.org/iha/valleyforge/
Lots of stuff, including kids' page.

Liberty Bell Virtual Museum
http://nw3.ni.net/~spyder/
Pictures and links.

Museum of African Slavery
http://squash.la.psu.edu/~plarson/museum/welcome.htm
 Mostly text, but good information. Has song lyrics, bibliography, etc.

Museum of Afro American History, Boston
http://www.afroammuseum.org/
Has an online tour, links.

Academy of Achievement
http://www.achievement.org/
Museum of current important people, and lots of them.

Artifacts from the Cultural Revolution, China
http://www.culturalbridge.com/cnadd.htm

Atlanta History Center
http://www.atlhist.org/
Pictures, virtual tours, etc.

Susan B. Anthony House Museum
http://www.susanbanthonyhouse.org/
Links, timeline, biography, etc.
The Mississippi Historical Radio and Broadcasting Society
http://home.cybertron.com/~comcents/mhr/mhrlp.html
Pictures, sounds, links.

Southwestern Ontario: The First 11,000 Years
http://www.uwo.ca/museum/virtual_tour/index.htm
Canada history — fascinating.

National Civil Rights Museum Virtual Tour
http://www.mecca.org/~crights/cyber.html

Miscellaneous
Smithsonian Without Walls
http://www.si.edu/revealingthings
Excellent site with miscellaneous information.

The Exploratorium
http://www.exploratorium.edu
Excellent links and exhibits.

The Drop Zone Virtual Museum
http://www.thedropzone.org/
Paratroopers’ stories, etc.

Sarawak Cultural Village, Malaysia
http://www.visitsarawak.com/scv
Virtual tour and pictures.

Web Museum
http://sunsite.unc.edu/wm/

Science
The Computer Museum Network Online
http://www.tcm.org
Traces history of computing.

Queensland Museum Explorer, Australia
Natural history.

Hooper Virtual Natural History Museum
http://superior.carleton.ca/~tpatters/Museum/hypmdoor.html
Great site!
Museum of Astronomy and Space Sciences in Venezuela
Some neat pictures.

Tours and Field Trips
Virtual Tours
http://www.dreamscape.om/frankvad/tours.html
Has links to virtual tours and exhibits.

Yahoo Directory of Virtual Field Trips
http://www.yahoo.com/Recreation/Travel/Virtual_Field_Trips

Virtual Field Trip Sites
http://www.field-guides.com/
Web Sites Especially for (or about) Kids

Kids' Web
http://www.npac.syr.edu:80/textbook/kidsweb
Good links.

Cool Safe Links for Kids, Parents, and Teachers
http://www.island.net/~thand/kidlinks.html

Bonus.com, The Super Site for Kids
http://www.bonus.com
Loads in a separate window for safety.

4Kids Treehouse
http://www.4kids.com/

Official Speed Racer Virtual Pit Stop
http://www.speedracer.com

Speed Racer
http://www.eecis.udel.edu/~markowsk/anime/speed/

KidNews
http://www.vsa.cape.com/~powens/Kidnews.html

American Girl (Pleasant Company)
http://www.americangirl.com/

Sesame Street Lyrics Archive
http://www.nelsonbay.com/insanity/tiny/sesame1.html
More for adults

VeggieTales
http://www.veggietales.com or
http://www.bigideaproductions.com

The Maximum Veggie Tales Page
http://www.elpaso.net/~mdudley/veggies.html
Has song lyrics, but not quite right.

Yahooligans! — Yahoo for Kids
http://www.yahooligans.com/
Boy Scouts of America
http://www.bsa.scouting.org/

Girl Scouts of the USA
http://www.gshsusa.org

Camp Fire Boys and Girls
http://www.campfire.org/

National 4-H Council
http://www.fourhcouncil.edu/

Muppets
http://www.muppets.com/

National Wildlife Federation
http://www.nwf.org/nwf/
  Ranger Rick
  http://www.nwf.org/nwf/rrick/

  Your Big Backyard
  http://www.nwf.org/nwf/ybby/

Weekly Reader Galaxy
http://www.weeklyreader.com/index.html

Time for Kids
http://pathfinder.com/TFK/index.html

Children's Television Workshop
http://www.ctw.org/
This group does Sesame Street, etc.

Unofficial Jonny Quest
http://www.illuminatus.com/quest

Disney Channel
http://www.disney.com/DisneyChannel/

Free Zone
http://freezone.com/
Kids’ Safe Links
An Australian site

CIA Kid’s Page

Songs for Scouts
http://www.macscouter.com/Songs/index.html

The MacScouter Scouting Resources Online
http://www.macscouter.com/

Dragonfly
http://www.muhio.edu/dragonfly
Magazine “for investigators of all ages”

Games Kids Play
http://www.corpcomm.net/~gnieboer/gamehome.htm
Cool and comprehensive

Boys & Girls Clubs of America
http://www.bgca.org/index1.html

Kids Cooking Club
http://www.kidscouk.com/

The Young Magicians’ Club
http://upanet.uleth.ca/~young/magicians_club/home.htmlx

Grolier Kids Club
http://clubhouse.grolier.com/

Nickelodeon
http://www.nick.com/

Lemonade Stand
http://www.littlejason.com/lemonade/index.html
A web version of the old game, and well done

Lullabies and Other Songs for Children
http://www.stairway.org/kidsongs/index.html
Web Sites for Parents

Helping Your Child Learn Science

Helping Your Child Learn Geography
http://www.ed.gov/pubs/parents/Geography/

Helping Your Child Learn History
http://www.ed.gov/pubs/parents/History/

Helping Your Child Learn Math
http://www.ed.gov/pubs/parents/Math/

Helping Your Child Learn Reading
http://www.ed.gov/pubs/parents/Reading/

Helping Your Child Learn to Write Well
http://www.ed.gov/pubs/parents/Writing/

Parents Guide to the Internet

Librarian's Guide to Cyberspace for Parents and Kids
http://www.ala.org/parentspage/greatsites/

Family Education Network
http://familyeducation.com/index.asp
### Local Web Sites

**City of Huntsville**
City of Huntsville  
http://www.ci.huntsville.al.us  
"official" city page

Huntsville  
http://www.huntsville.org/  
Tourist information.  
Huntsville Information  
http://fly.hiwaay.net/~dknight/hsvala.html

Chamber of Commerce of Huntsville/Madison County  
http://www.hsvchamber.org/

**Computers**
Huntsville PC Users Group, Inc.  
http://fly.hiwaay.net/~pcusers/

Tennessee Valley Newton Users Group  
http://newton.uah.edu

TASC (Technology Access for Special Consumers)  
http://tasc.ataccess.org/

**Education**
UAH Education Department  
http://www.education.uah.edu

A & M School of Education  
http://www.aamu.edu/education/school_of_education.htm

Huntsville/Madison County Education  
http://www.hsvchamber.org/overv97/educa97/

Huntsville City Schools  
http://www.hsv.k12.al.us/

   Academy for Academics and Arts  
http://www.hsv.k12.al.us/HCS/AAA/
Libraries
Huntsville/Madison County Public Library
http://www.hpl.lib.al.us
Has EBSCO access and good reference links.

Redstone Scientific Information Center
http://library.redstone.army.mil

UAH Library
http://www.uah.edu/library/
Has catalog, online indexes, links.

Miscellaneous
Huntsville-Madison County Botanical Garden
http://www.hsvbg.org/

Von Braun Astronomical Society
http://members.aol.com/VBASTRSOC/VBAS.html

The National Children's Advocacy Center
http://fly.hiwaay.net/~ncacadm/

Panoply of the Arts
http://www.panoply.org

Marshall Space Flight Center
http://www.msfc.nasa.gov

Museums
Huntsville Museum of Art
http://www.hsv.tis.net/hma/

North Alabama Railroad Museum
http://www.suncompsvc.com.narm

News
Huntsville Times Online
http://www.htimes.com/

Channel 19
Channel 31
http://www.waay.com/

Channel 48
http://www.waff.com/site/

Universities
University of Alabama in Huntsville
http://www.uah.edu

Alabama A & M University
http://www.aamu.edu
Alabama Web Sites

Alabama State Department of Education
http://www.alsde.edu

State of Alabama Information Network
http://ain.state.al.us/default.asp

AlaWeb
http://www.state.al.us/
Has a state capitol tour.

Alabama Department of Archives and History
http://www.asc.edu/archives/agis.html
Has teacher resources.

AlabamaLive
http://www.al.com/south/government.html
Lots of good links.

Alabama Public Television (APT)
http://www.aptv.org

Alabama Public Library Service
http://www.apls.state.al.us
Has resources, author information, etc.

Alabama Education Association
http://199.88.16.12/aetc95/pages.aea.html

Alabama Representatives

   Randy Hinshaw, District 21
   email: hinshaw21@aol.com

   Lee Jorgensen, District 6
   email: RepLee6@aol.com

   Nelson Papucci
   email: NPapucci@aol.com
   http://isl-garnet.uah.edu/Papucci/
Alabama Senators:

Tom Butler
email: Senbutler@aol.com
National Web Sites

The White House
http://www.whitehouse.gov/WH/welcome.html
Has a kids’ tour by Socks.

Library of Congress
http://lcweb.loc.gov/

Library of Congress Experimental Search System
http://lcweb2.loc.gov/catalog/

United States Census Bureau
http://www.census.gov
Has statistics.

USA Today
http://www.usatoday.com

CNN interactive
http://www.cnn.com/

Public Broadcasting Station, PBS
http://www.pbs.org/

National Education Association
http://www.nea.org

The U. S. House of Representatives
http://www.house.gov

Spencer Bacchus, 6th Congressional District
http://www.house.gov/bachus/

Sonny Callahan, 1st Congressional District
http://www.house.gov/callahan/

Bud Cramer, 5th Congressional District
http://www.house.gov/cramer/

Earl F. Hilliard, 7th Congressional District
http://www.house.gov/hilliard/
Bob Riley, 3rd Congressional District
http://www.house.gov/riley/

The U. S. Senate
http://www.senate.gov

Jeff Sessions
http://www.senate.gov/~sessions/

Richard Shelby
http://www.senate.gov/~shelby/

United Nations
http://www.un.org/

National PTA
http://www.pta.org/index.stm
Internet Search Engines and Web Browsers

Search Engines and Directories
http://www.eskimo.com/~slava/search.htm

Beaucoup!
http://www.beaucoup.com/engines.html
List of search engines.

AltaVista
http://www.altavista.digital.com/

Excite
http://www.excite.com/

Infoseek
http://www.infoseek.com/

Lycos
http://www.lycos.com/

Magellan
http://searcher.mckinley.com/

Yahoo
http://www.yahoo.com
Internet Providers

Local Providers
HiWAAY Information Services
http://www.hiwaay.net

Traveller
http://www.traveller.com

Renaissance Internet Services
http://www.ro.com

Other Providers
America Online
http://www.aol.com

CompuServe
http://www.compuserve.com

Prodigy
http://www.prodigy.com/
Email Providers

There are more email providers available, but these are the ones I've come across. Most commercial online service providers offer email as a part of their package. The Huntsville City School System also provides email for its employees, and UAH provides free email for enrolled students and faculty.

Free Email Address Directory
http://www.emailaddresses.com/

AltaVista Mail
http://altavista.iname.com/member/login.page

Hotmail
http://www.hotmail.com

Lycos Mail
http://email.lycos.com/member/login.page