Table of Contents

Introduction	
An Introduction to the Internet	1
Using this Book	3
Class Management Tips	4
Classroom Benefits	5
Fitting It All In	<i>6</i>
Maximize Online Experiences	7
Internet Tips	8
Copyright Concerns	10
Unacceptable Material	
Acceptable Use Policy	12
Safety Issues	
Internet Safety Rules for Students	14
Parental Consent Form	
Internet Wizard Award Form	15
Electronic Mail	
Electronic Mail	16
"Keypal"	17
E-mail Rules	18
Writing E-mail in Style	19
E-mail mailing list	
Using Search Engines	
Using Search Engines	21
Search Engines, Directories, and Hybrid Engines	
Defining Your Search	
Ranking Search Engines	
Refining Your Search	25
Search Engine Strategies	
Language Arts	
Groups	27
Imaginative Minds	28
The Presidents	31
Native Americans	35
Mathematicians	42
The Vikings	46
Web Tour Guides	49
Individuals	51
Betsy Ross	52
Alexander Graham Bell	56
George Washington Carver	60

Table of Contents (cont.)

The Wright Brothers	 	 63
Susan B. Anthony	 	 66
Martin Luther King, Jr	 	 69
Jackie Robinson	 	 73
Amelia Earhart	 	 77
Charles Lindbergh	 	 80
Explorers of the West		
History	 	 85
Immigration		
The History of Aviation		
The Olympics		
Popcorn		
The Ancient World		
Places		
United States	 	 . 109
The 50 States		
Alaska		
Hawaii		
Washington D.C.		
Cross Country Tour		
U.S. Geography		
Virtual Field Trips		
International	 	 . 136
The Blarney Stone		
Japan		
Mexico: The Mayas		
Africa: On Safari	 	 . 150
China		
Online Travel Log		
Science and Natural Phenomena	 	 163
Animals	 	 . 164
Healthy Choices		
Weather Browser		
Scientists' Gazette		
Going Buggy!		
Love That Lava		
Rain Forest Stations		182

Table of Contents (cont.)

Math		. 190
	What's Cooking?	. 191
	The Solar System	
	Size is Relative	. 199
	The National Debt	. 205
	Flags of the Sea	. 210
	How Big is a Whale?	
	Penny for Your Thoughts	
	Finding Your Way	
	We're Goin' Shoppin'	
Art		
	Online Museum Tour	. 241
	Origami Originals	. 244
	At the Circus	. 246
Holid	ays	
	Chinese New Year	
	Valentine's Day	
	St. Patrick's Day	
	Easter	
	Halloween	
	Thanksgiving	
	Christmas Around the World	. 275
Callal	borative Projects	270
Conai	Online Book Reviews	
	Collaborative Projects	
	Partner Poems	
	Cyberwriters Needed!	
	·	
	Smarter Than the Average Textbook	
	Lost: One Entire School	
	Creating Class Bookmarks	. 296
Answ	er Key to Selected Exercises	. 299
Teach	ner Resource Sites	. 303

THE FITTING IT All In THE

You will find the Internet useful to enhance your curriculum relating to various topics through the lessons supplied for you in this book. The lessons include teaching objectives, materials needed, Web Sites, general information on the topic, specific steps for teaching the lesson, related activity sheets, suggested student projects, and extended activities along with other sites to explore.

Give yourself enough time to feel comfortable with the materials and the World Wide Web environment before you do a Web activity with your students or start an online project. In other words, make haste slowly!

The Internet is a good place for

- locating information not available in textbooks or the classroom/school library
- finding and contacting experts in a particular subject area
- utilizing government information which is not easily accessible outside of the Internet to the general public
- sharing information with other teachers and/or students from anywhere in the world
- publishing students' work online
- obtaining timely information (breaking news)
- reducing professional isolation by helping teachers keep in contact with professional colleagues worldwide
- helping students retain material
- gaining maximum educational value with limited time commitment.



The Internet is not a good place to

- find summaries or quick overviews of a topic
- replace hands-on activities such as drawing, writing, building, etc., although it can supplement these activities
- have active face-to-face interaction with other students and teachers.



Safety Issues







Realize that the Internet is a neutral medium—culturally, racially, physically and with regard to gender. This can be an advantage to your students. However, the Internet has a dark side. It is also morally blind, making no judgements on what it passes on to the classroom screen. All you will know about the author of the data, or the other person you are communicating with, is what they reveal to you through the written message on the screen.

Just as we inform students about safety issues in dealing with strangers and potentially harmful situations outside the school, so too, we must let students know that there are some basic rules for online safety as well. The set of rules on page 14 was developed by the National Center for Missing and Exploited Children (1-800-THE-LOST) and the Interactive Services Association. They are included in a pamphlet entitled: "Child Safety on the Information Highway."

Since many of the activities available on the Internet can be done outside of school hours, parents will need to assume supervision of their children's use of the Internet. Many districts have a form that parents are required to sign indicating that they know the school's policy on general computer usage and Internet use specifically. A meeting with parents would also be appropriate—especially if you intend to do some kind of online project with your class. Getting parental cooperation is an important component for any successful Internet experience.

Tips for Teachers

- Supervise students while they are online.
- If it is difficult to keep students away from unacceptable sites, consider creating your own list of sites and allowing the students to visit only these sites.
- Monitor e-mail communications. If someone sends you or one of your students an obscene or suggestive e-mail with the intent to harass or threaten, report this to the National Center for Missing and Exploited Children's CyberTipline at 1-800-843-5678 or www.missingkids.com/cybertip.
- Use an Internet filtering program or service such as Cyber Patrol, Bess, CYBERsitter, or Safe Net Plus. Note however, that it is not safe to assume a filter will block all inappropriate sites. Supervision is still necessary.
- Note the sites that students are visiting and periodically view them yourself to confirm that they are acceptable.
- Require students to obtain your permission before downloading anything off the Internet.

And in the interest of protecting yourself and your students...

• NEVER send confidential information over the Internet, including information about a student to a parent. Assume that any e-mail you send can be read by anyone on the Internet who has the tools and knowledge to access your e-mail.