



Educator Resource Center in the Lyman Library

Maps and Cartography Bibliography *Mapping the World Around Us*

Adult Books

Benenson, Gary. ***Mapping***. Portsmouth, NH : Heinemann, 2002.

Mapping takes a novel, engaging approach to teaching how space is organized and used and how maps express meaning about space.

Ehrenberg, Ralph E. ***Mapping the World: An Illustrated History of Cartography***. Washington, D.C.: National Geographic, 2006.

Mapping the World is a one-of-a-kind collection of cartographic treasures that spans thousands of years and many cultures, from an ancient Babylonian map of the world etched on clay to the latest high-tech maps of the earth, seas, and the skies above. With more than one hundred maps and other illustrations and an introduction and running commentary by Ralph E. Ehrenberg, this book tells a fascinating story of geographic discovery, scientific invention, and the art and technique of mapmaking.

Leventhal, Norman B. ***Mapping Boston***. Cambridge, MA: MIT Press, 1999.

To the attentive user even the simplest map can reveal not only where things are but how people perceive and imagine the spaces they occupy. *Mapping Boston* includes both historical maps of the city and maps showing the gradual emergence of the New England region from the imaginations of explorers to a form that we would recognize today. Each map is accompanied by a full description and by a short essay offering an insight into its context.

Lierman, Jane. ***Standards-Based Map Activities***. New York: Scholastic, 2005

Map and geography skills are easy to teach with this engaging, classroom-tested resource. Skills covered include cardinal and intermediate directions, map grids, scales, map keys, and more. Grades 3-5

Malone, Lyn. ***Mapping Our World: GIS Lessons for Educators***. Redlands, CA: ESRI Press, 2005.

Providing a complete resource for any teacher seeking to bring GIS technology into the middle- or high-school classroom, this educational package is a comprehensive collection of world geography lessons, lesson plans, exercises, and assessment tools.

Ovenden, Mark. ***Transit Maps of the World***. New York: Penguin Books, 2007.

Transit Maps of the World is the first and only comprehensive collection of historic and current maps of every rapid-transit system on earth. Using glorious, colorful graphics, Mark Ovenden traces the history of mass transit-including rare

and historic maps, diagrams, and photographs, some available for the first time since their original publication. *Transit Maps* is the graphic designer's new bible, the transport enthusiast's dream collection, and a coffee-table essential for everyone who's ever traveled in a city.

Tamblyn, Catherine M. ***Mega-fun Map Skills: Grades 2-3***. New York: Scholastic Professional Books, 1998.

This one-of-a-kind, one-stop resource includes dozens of activities, games, and reproducibles that make learning about maps fun to teach and fun to learn. Topics covered include location, direction, models, maps and globes. Activities are hands-on and packed with kid-appeal. Plus two 2-sided maps and 4 sticker sheets with reusable stickers!

Maps: Finding our Place in the World. Chicago, IL: University of Chicago Press, 2007.

This truly magisterial book introduces readers to the widest range of maps ever considered in one volume: maps from different time periods and a variety of cultures; maps made for divergent purposes and depicting a range of environments; and maps that embody the famous, the important, the beautiful, the groundbreaking, or the amusing. Built around the *functions* of maps—the kinds of things maps do and have done—*Maps* confirms the vital role of maps throughout history in commerce, art, literature, and national identity.

Young Adult Books

Bramwell, Martyn. ***Mapping our World***. Minneapolis, MN: Lerner Publications Company, 1998.

Uses various kinds of maps along with text to describe many aspects of the earth including its history and changing conditions.

Gardner, Robert. ***Where on Earth Am I?*** New York: Franklin Watts, 1996.

Offers a variety of investigations, activities, and projects explaining how humans discovered Earth's position in the universe, and how we can find our own location using maps, compasses, the sun, and the stars.

Hartman, Gail. ***As the Crow Flies: A First Book of Maps***. New York: Bradbury Press, 1991.

A look at different geographical areas from the perspectives of an eagle, rabbit, crow, horse, and gull.

Haslam, Andrew. ***Maps***. Chicago, IL: World Book/Two-Can, 1996.

Describes what exactly maps are, and what they tell us. How people used sticks and clay to plot their routes. Have satellite changed our view of Earth? Learn how the layers of a map are put together, and plan and draw your own map. By

exploring mapmaking, one can find out how maps help us to investigate the world we live in.

Johnson, Sylvia A. ***Mapping the World***. New York: Atheneum Books, 1999.

A history of mapmaking showing how maps both reflect and change people's view of the world.

Lye, Keith. ***Measuring and Maps***. London: Gloucester Press, 1991.

Discusses the science of geography as measured by globes, maps, latitude, longitude, and map symbols, and presents related projects.

Knowlton, Jack. ***Maps and Globes***. New York: Crowell, 1985.

A brief history of mapmaking, a simple explanation of how to read maps and globes, and an introduction to the many different kinds of maps there are.

Taylor, Barbara. ***Be Your Own Map Expert***. New York: Sterling Pub. Co. 1994.

Media

Modern Marvels: Map Making [VHS] 50 min. The History Channel, 1999.

From the earliest known maps, carved into cave walls in Europe, to modern dashboard maps linked to satellites, *Modern Marvels* tells the story of the ways we have chosen to chart our course and represent our world--and other worlds. It is a tale dotted with names that evoke adventure, from Marco Polo to Lewis and Clark. Explore the legacy of men like Ptolemy and Mercator, and see how Andrew McNally and William Rand turned a small Chicago print shop into the world's largest map maker. Go high above the earth for a look at satellite mapping techniques, and deep below the ocean's surface where the mysteries of the sea floor are finally being revealed by new technologies. Grade 8-Adult.

Life by the Numbers, Vol. 5: Shape of the World [DVD & VHS] 57 min. Monterey Media, 1998.

A series hosted by Danny Glover which includes interviews with experts who explain the crucial role mathematics plays in sports, work, education, exploration, chance, virtual reality and life in general. This episode focuses on the role mathematics plays in exploration and mapmaking. Grades 7-12.