

Educational Data Bases

*Disclaimer - Information and text provided is from a collection of many resources and not the original work of this author.

A database is a collection of information that is organized so that it can easily be accessed, managed, and updated. In one view, databases can be classified according to types of content: bibliographic, full-text, numeric, and images.

In computing, databases are sometimes classified according to their organizational approach. The most prevalent approach is the relational database, a tabular database in which data is defined so that it can be reorganized and accessed in a number of different ways.

Blue Web'n is an online library of 2035 outstanding Internet sites categorized by subject, grade level, and format (tools, references, lessons, hotlists, resources, tutorials, activities, projects). You can also browse by broad subject area (Content Areas) or specific sub-categories (Subject Area). <http://www.kn.pacbell.com/wired/bluewebn/>

Discovery Educator Network connecting teachers to their most valuable resource...each other! The Discovery Educator Network is a global community of educators who are excited by the power of digital media and want to collaborate and share resources with other educators. <http://www.discoveryeducatornetwork.com/>

ERIC provides free access to more than 1.2 million bibliographic records of journal articles and other education-related materials and, if available, includes links to full text. ERIC is sponsored by the U.S. Department of Education, Institute of Education Sciences (IES). <http://www.eric.ed.gov/ERICWebPortal/Home.portal>

Google for Educators a teacher's guide to 12 Google products, including basic information about each tool, examples of how educators are using them, and lesson ideas. You'll also find lesson plans and videos from our partners at Discovery Education focusing on two of our most popular teaching tools: Google Earth and Google SketchUp <http://www.google.com/educators/index.html>

MarcoPolo provides the highest quality educational resources to teachers and students. Developed by world-renowned organizations who are experts in their fields, these standards-based resources include lessons plans, student materials, reviewed Web resources and interactives. <http://www.marcopolo-education.org/home.aspx>

NetTrekker is an academic search engine specifically designed for school use. This site provides fast and easy access to more than 180,000 high quality, pre-screened, and educationally relevant K-12 online resources. (Provided to all schools in Delaware County, please see your librarian for username and password.) <http://nettrekker.com>

ProQuest Information and Learning harnesses the power of online curriculum content and tools to create engaging learning environments that increase student achievement and teacher effectiveness. <http://www.proquestk12.com>

Pennsylvania Power Library is available to the schools throughout the state and also to all library card holders. Access the resources of the POWER Library from home by going to your public library's web page and using the barcode on your library card.
<http://www.powerlibrary.org>

Scholastic for Teachers free tools and resources for your classroom.
<http://teacher.scholastic.com/>

Scholastic for Kids some free games and homework help. Students may also purchase books and software. <http://www.scholastic.com/kids/>

Teachers Network.org provides lesson plans and research for all teachers.
<http://teachersnetwork.org/>

The Franklin Institute's Educational Hotlists are organized lists of resources on the Internet that science educators, as well as science enthusiasts, may find useful. They have screened these resources for their educational appropriateness, helping take some of the guess work out of the web for you. Basically, to make the list, a resource needs to stimulate creative thinking and learning about science. Using the Hotlists should save you time and provide quality online resources for your classroom needs.
<http://www.fi.edu/tfi/hotlists/hotlists.html>

The Library of Congress provides the Online Catalog, Online Exhibits, American Memory Collection, the Global Gateway and more. <http://www.loc.gov/index.html>

The Library of Congress Global Gateway provides unparalleled global access to material such as Center for International Research, International Cybercasts, Research Guides and Databases to name a few. <http://international.loc.gov/intldl/intldlhome.html>

The Teaching and Learning Center thousands of resources and ideas with personalized support at home or in the classroom (schools in Delaware County may have this service ask your librarian.) <http://www.k12tlc.net/>

Educational Videos

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PowerMedia Plus is provided to the schools in Delaware County (see your Librarian or Instructional Technologist for set-up.) Explore the many uses and benefits of digital video and media-on-demand and incorporate multimedia into your classroom.

<http://www.powermediaplus.com/>

UnitedStreaming is part of the Discovery Channel. The videos, lesson plans, images, writing prompts have all been prepared with the busy teacher in mind and meet state requirements. Check on-line to see if your school has this service and if they don't you may want to try a trial. <http://www.unitedstreaming.com/>

Digital Storytelling

Digital Storytelling is the modern expression of the ancient art of storytelling. Digital stories derive their power by weaving images, music, narrative and voice together, thereby giving deep dimension and vivid color to characters, situations, experiences, and insights. Tell your story now digitally.

- Leslie Rule, Digital Storytelling Association

Center for Digital Storytelling

<http://www.storycenter.org/index1.html>

The Center for Digital Storytelling is a California-based non-profit 501(c)3 arts organization rooted in the art of personal storytelling. We assist young people and adults in using the tools of digital media to craft, record, share, and value the stories of individuals and communities, in ways that improve all our lives

Digital Storytelling

<http://electronicportfolios.com/digistory/>

Dr. Helen Barrett's site with good resources

Digital Storytelling Carnegie Mellon University

http://www.cmu.edu/teaching/howto/Digital_Storytelling/index.html

If a picture is worth a thousand words - just think how effective your information can be when you can include motion and emotion as well. Certainly it is well known that a well-executed diagram of a complex process is easier to understand than a lengthy description

of the process. If you were to add motion to the diagram then that process can become much clearer for some learners.

Digital Storytelling in the Scott County Schools

<http://www.scott.k12.ky.us/technology/digitalstorytelling/ds.html>

Digital Storytelling Teaching Teachers

<http://www.teachingteachers.com/story.htm>

Educational Uses of Digital Storytelling

<http://www.coe.uh.edu/digital-storytelling/>

Elements of Digital Storytelling

<http://www.inms.umn.edu/elements/>

A project of the University of Minnesota [School of Journalism and Mass Communication's Institute for New Media Studies](#)