

Science
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Ask a Geologist
email your questions to: ask-a-geologist@octopus.wr.usgs.gov

Ask geology related questions and you'll have answers and pointers sent back to you within 2-4 days. Neat!

Interactive Weather Map
<http://rs560.cl.msu.edu/weather/interactive.html>

Interactive weather maps that has image map links. Click on a place on the map and be transported there with full weather info available!

INTELLiCast weather service
<http://www.tasc.com/icast>

Includes interactive maps and available 24 hours a day. This service is updated hourly and has world weather watch info as well.

Automated Weather Source Nationwide School Weather Network
<http://aws.com/>

Automated Weather Source manages a nationwide network of weather stations. K-12 schools access and compare meteorological data including temperature, humidity, pressure, rainfall, wind speed and wind direction from over 900 schools in 53 cities. This home page also includes links to many other educational and meteorological resources.

Weather Machine at the University of Illinois
Gopher to: wx.atmos.uiuc.edu

Weather World
<http://www.atmos.uiuc.edu/wxworld/html/top/html>

Weather bulletins, listings, predictions and graphic radar/satellite images should help you decide whether to wear your raincoat or not. Take the "Tour of the Archives" first so you don't get too lost in this massive site. Note that there are two sites - the original gopher site and the new WWW Weather World site. The web version is slightly different and incorporates a clickable interface. Both the gopher and web versions are excellent.

Weather Warnings (Ohio State Univ Internet Gopher)
Gopher to: geograf1.sbs.ohio-state.edu

Tornado tracking info, severe weather warnings, natural disaster info and reports from the National Severe Storms Forecast Center should keep you up to date on weather happenings. Unfortunately there is lots of meteorological jargon within the info so the facts are hard to get at. But even the clueless will easily understand bold caps that say "WRNING - SVR TSTMS!"

I don't think meteorologists like vowels. Can I buy an A... an E ?

Weather Site at The Daily Planet - Univ of Illinois
<http://www.atmos.uiuc.edu>

Like the weather gopher site at Univ of Ill. only better. Still under construction but even so is a great weather page. Contains hundreds of archived weather pictures, images and maps. And hundreds of current images as well. If Dorothy and Toto only knew about this web page. Hmmm....

Freese-Notis Weather
<http://www.weather.net/fn/weather.html>
<http://www.weather.net/fn/radar.html>

Freese-Notis provides meteorological information and news to the Internet user and offers weather maps, weather advisories and radar readings. Although the maps and images are rather plain - they download and are displayed very quickly - even on slower modem connections which makes this site a valuable resource for the information is top-notch without the extra color graphics that you may not need. A good basic general weather site.

Xerox PARC Map Viewer
<http://pubweb.parc.xerox.com/map>

The user supplies answers to map variables and a custom world map is created. You will need a postscript file viewer and printer to accurately view and print out the map image file.

The Massachusetts Institute of Technology's Weather Radar Lab
http://graupel.mit.edu/Radar_Lab.html

Finally a place where most can understand what's going on. And if you find yourself a little dismayed by the terminology there are helpful links to go to glossary words with meanings, an FAQ link and a complete and helpful bibliography of books and articles to let you learn even more. A really cool image gallery of weather maps makes the trip worthwhile.

Math WWW site (The Mathematics Archives site)
<http://archives.math.utk.edu/>

A large compendium of mathematics information and links to other math related information. Recent findings, discussions plus classic theory and geometry are also here. A wealth of Math info awaits you.

Technology Review WWW site
<http://www.mit.edu:8001/afs/athena/org/t/techreview/www/tr.html>

Technology Review is edited by MIT (Massachusetts Institute of Technology) and is a well done and well written science magazine now available on the World-Wide-Web. Technology Review "addresses the practical implications of science, as opposed to laboratory breakthroughs and theoretical and

conceptual abstractions that have no bearing on practicality." The 'zine is done using hypertext links that can take you to other places related to an article such as a link to the EPA gopher while reading an article on ways to produce environmentally safe products. Although the entire hardcopy version of the magazine is not on the web - most of the articles and features are and it is one of the best science publications on the web.

BioTechWeb WWW Site
<http://midigod.fhda.edu/BioWebHome.html>

BioTechWeb is a cooperative project sponsored by the Community Colleges Biotechnology Consortium and participating biotechnology firms of the greater San Francisco Bay and Silicon Valley area. BioTechWeb is intended to enhance opportunities for education and employment in the field of biotechnology through the shared use of technical, human and corporate resources.

BioTechWeb is a work in progress. Current college and industry participants include Syntex Corporation and De Anza College. In the weeks and months ahead, we hope to add many more community college/corporate biotech partners to these pages. BioTechWeb is the first phase of a much larger school-to-work project which will include Software Engineering, Health Care and a variety of other professions.

BioTechWeb is hosted by De Anza Community College (Cupertino, CA, USA), the Biotech Consortium of San Francisco Bay Area community colleges and the NOVA Private Industry Council.

Museum of Science, Boston, Mass.(US) web page
<http://www.mos.org>

Currently this site is basically an information server about the museum hours and programs but we will be adding some fun and informative "virtual exhibits" in the near future. Look for this web page to grow quickly into a wonderful exhibit and informative resource. Stay tuned...

Frog dissect WWW

Whole Frog Project
<http://george.lbl.gov/ITG.hm.pg.docs/dissect/whole.frog.html>

Univ. of Virginia Curry School of Educational Instructional Technology
NetFrog (Frog Dissection Program)
<http://curry.edschool.virginia.edu/~insttech/frog>

Look Ma! No scalpel! And... no frog either! Actually a bloodless and humane way to virtually study frog anatomy. Educational and fun for all!

Interactive Frog Dissection (Lawrence Berkeley Labs)
<http://george.lbl.gov/ITG.hm.pg.docs/dissect/info.html>

A forms-based approach to dissection. Images of the frog from various views enhances the experience and there are many graphics of the various stages of dissection as well. I can almost smell the formaldehyde.

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The Froggy Page

<http://www.cs.yale.edu/HTML/YALE/CS/HyPlans/loosemore-sandra/froggy.html>

Contains info and links to all sorts of "frog" information. There is an assortment of clip-art and pictures of frogs. How to make an origami frog and information on frog species from around the world. Undaunted by previous reports I could not seem to find recipes <g>. A frog lovers dream!

GEARS (Global Entomology Agricultural Research Server)

<http://gears.tucson.ars.ag.gov/>

A fantastic site devoted to bees, bee myths and bee research. If you are researching bees or bee behavior or just want to find out more about bees then look no further - this is a busy "hive" of information and links to all sorts of apiary related info. The USDA-ARS laboratory server including GEARS offers 12 browsable areas, including research and research links, publications, beekeeping industry tips, photographs and graphics, download software ftp forum, an Internet classroom, insect movies, a sound room and tons of links to other entomology related efforts. Buzz on over here!

The Visible Man (National Library of Medicine WWW site)

http://www.nlm.nih.gov/extramural_research.dir/visible_human.html

The "Visible Man" exhibit in full graphic form. Death row inmate, Joseph Jernigan, requested that after his execution his body be donated to science. His body was frozen and dissected. In the process, each part was imaged by X-Rays, MRIs, CAT scans and filmless digital cameras. The whole project resides on 15 giga-bytes of storage! No scalpel needed here!

Paleontology

Univ of CA at Berkeley Museum of Paleontology

<http://ucmp1.berkeley.edu>

<http://ucmp1.berkeley.edu/welcome.html>

Gopher to: ucmp1.berkeley.edu

One of the premiere exhibits on the net. A fantastic virtual tour of the Berkeley Museum. You MUST surf to this place. One of the best web exhibits on the World Wide Web. It is visually interesting, fun and educational. If you have a choice - use the WWW address instead of gopher and browse!

FunPage Dinosaurs

http://www.sci.kun.nl/funpage/dinosaurs/dinos_en.html

A great page for younger audiences that has all sorts of dinosaur pictures and facts and info presented in a fun and interesting way.

Cave Paintings

<http://www.culture.fr/gvpda-en.htm>

<http://dmf.culture.fr/culture/gvpda-en.htm>

Pictures of recently discovered cave paintings from the Paleolithic age. These cave drawings were discovered in France and are beautifully shown.

Dinosaur Images (GIFs)

<http://www.cnam.fr/personnes/bortzmeyer/dino.english.html>

Tons of high quality GIFs of dinosaur and related material. You may wait a while for the image downloads on a slow connection - but it's worth it.

ArchNet

<http://spirit.lib.uconn.edu/archnet/archnet.html>

ArchNet serves as the World Wide Web Virtual Library for Archaeology. This server provides access to archaeological resources available on the Internet. Information is categorized by geographic region and subject. If you have established a server for archaeology, register it to be included in ArchNet. An imageless homepage is also available. Many regions of the world are included and current digs and projects. This is fast becoming the ultimate site for archaeological info on the web.

University of California Museum (Berkeley)

<http://ucmp1.berkeley.edu/exhibittext/entrance.html>

The best virtual visit to a museum on the web. Truly astounding. This is both a fun and educational trip that will have you putting this URL down for return trips and explorations. Berkeley exhibits on the web are among the finest in the world. Even a 14.4K modem connection moves quickly and effortlessly through the well designed links and pages of the museum.

Yale University Peabody Museum

Gopher to: <gopher.peabody.yale.edu>

[/Search Peabody Collections/Vertebrate Paleontology](#)

Includes a huge resource of the University Museum's cataloged specimens and also contains a huge amount of vertebrate paleontology information.

Honolulu Community College "Dinosaurs in Hawaii" exhibit

<http://www.hcc.hawaii.edu/dinos/dinos.1.html>

An incredible photographic collection from the replicas at New York's American Museum of Natural History. Also includes great photos of a Triceratops skull and a Tyrannosaurus Rex head. Way cool!

Dino Russ's Lair

http://128.174.173.205/My_Home_Page.html

Russ Jacobsen of the Illinois State Geological Survey's Educational Extension has created this page as a way to promote awareness of the importance of geo-science, geology and paleontology and the way in which these sciences all inter-relate with each other. This page is a great resource site for paleontological info including info on current dinosaur digs in progress and digs that need people to join and help out. There are also numerous links and pointers to other web pages and ftp sites that have even more dinosaur info. A great resource that is little known outside the paleontology world.

K-12 Dinosaur Unit
Gopher to: informns.k12.mn.us
/Minnesota K-12 Resources/Dinosaur Unit

Created by the Internet for Minnesota Schools (InforMNs) this site has more than 40 text files and plenty of downloadable pictures of dinosaurs. There is a host of information that every one can easily understand and that will keep kids interest. Reports on dinosaur eggs to whether Godzilla was/is a real dinosaur will keep the reading interesting. Also included is much information about theories of dinosaur extinction and the possibility of dinosaurs being warm-blooded. This gopher site also contains a few links to other dino-related gopher sites as well as a time line guide of dinosaur existence on earth. A great K-12 resource for the classroom... or at home!

Archaeological Field Server
<http://durendal.cit.cornell.edu/TestPit.html>

This WWW site is maintained by Ken Stuart on Cornell University's server and is compiled from email and postal mail messages he receives from other University field schools and professional archaeology contract companies. Want to join an expedition to Tunisia, how about an excavation in Egypt or a dig started in Honduras? That's right - these and many more digs need regular folks like yourself to come on down and help out. If you don't see anything of interest you can use the links to the Archaeological Institute of America's Archaeological Fieldwork Opportunities Bulletin to see other areas of interest or future projects. Grab a shovel or trowel and sign up!

ROBOT CONTROL INTERACTIVE!

Robot-MercuryWWW (Mercury Project Site)
<http://www.usc.edu/dept/raiders/story/mercury-story.html>

Web forms control a live robot. Now dig for buried treasure. Avast Mateys!

Robot control WWW (Mercury-site project)
<http://www.usc.edu/dept/raiders>

Control a robot arm via WWW Another Mercury robot project

Remote Robot Arm
<http://telerobot.mech.uwa.edu.au>

"aye ...that's robot control mates"

Matt's Solar Car Page

<http://www-lips.ece.utexas.edu/~delayman/solar.html>

This site includes information of all types on solar powered vehicles including info on solar-powered racing teams. Contains links to great pages with related solar-powered info. Even a link to U.S. Weather Map reports. Oh no! an Eclipse!

The SETI Institute (Search for ExtraTerrestrial Intelligence)

<http://www.metrolink.com/seti/seti-top.html>

<http://www.seti-inst.edu/seti.html>

Beam me up Scotty! There's no intelligent life-forms down here!

A Virtual Window to the Past (Computer Museum)

<http://www.sentex.net/~ccmuseum>

The Commercial Computing Museum has had an exhibit called "A Window to the Past" in downtown Waterloo, Ontario, Canada since July 1994. Now, even if your travel plans don't include a visit to Waterloo, everyone can see the exhibit because they have put a "virtual window" to the Past on the WWW! Commercial Computing Museum is a remarkable museum and one of the few of its kinds and (perhaps) the only computer museum accesible via the WWW.

Nanotechnology on the WWW

<http://skyler.arc.ab.ca/~morgan/nano.shtml>

An under-rated page. It's incredibly cool and it's about the science and study of small machines. Nanotechnology is the study of tiny, miniature self-replicating robots. These mini-bots might be the size of fleas. Prototypes are already being designed. Asimov would be proud! Many links to other robot pages and 'bot information. You'll be dazzled by this!

A Thermometer in Maine

telnet to: [small.eece.maine.edu](telnet://small.eece.maine.edu) 9876

You can check the temperature of an office somewhere in Maine. A person named Andrew Sheaff actually connected his office thermo into the net!

Catalog of Known Nuclear Explosions

Gopher to: [wealaka.okgeosurvey1.gov](gopher://wealaka.okgeosurvey1.gov)

select "Catalog of Known Nuclear Explosions"

Every one of 'em - and they mean it! From the Trinity Test to present day.

Volcano World

<http://volcano.und.nodak.edu>

Information overload site! Everything you wanted to know about volcanoes

and then some. Images, historical and current info, definitions of volcano terminology and tons of links to other volcano related pages.

Web Site for Educators, Students, Scientists & Engineers
<http://www.thomson.com>
<gopher://gopher.thomson.com>
FTP to: <ftp.thomson.com> (contains the file archives only)

You can also send email to: <search@catalog.thomson.com> to perform a catalog search of the files in the archive.

The new Internet site includes a searchable database of more than 20,000 education, reference, scholarly, scientific, technical and business products, as well as discipline-specific Resource Centers, electronic discussion and newsletter lists, and on-line supplements to products. The number of products will continually increase to an estimated 50,000 within the next twelve months. Users have intuitive and powerful search capabilities that give them immediate access to a wealth of information and resources across a wide variety of academic, scientific, technical, reference and business disciplines. On-line order forms enable users to immediately place orders for ITP texts, journals and electronic products (video, software and CD-ROM).

SciEd: Science and Mathematics Education Resources
<http://www-hpcc.astro.washington.edu/scied/science.html>

AstroEd: Astronomy and Space Science PhysicsEd: Physics ChemEd: Chemistry Earth Science Biological Sciences Environmental Science Oceanography and Fisheries. Meteorology, Anthropology, Paleontology, etc. Also - Mathematics, General Science (more than one discipline), Health, Education Museums and Exhibits related to science, Science History, Doing Science, Skepticism and Pseudoscience. Also includes the Science Reference Shelf (Physical constants, etc.) and other Science/Math Gateways. Holy shazam! What more can I say? If you need math or science related resources - you've got to check this out! Many thanks to Alan Cairns and the Astronomy Dept. of the Univ of Washington for making these resources via their WWW page available. Extreme kudos!

Earthquake Info server
<http://www.civeng.carleton.ca/cgi-bin/quak>

This is a neat way to find out about earthquake info and where earthquakes are happening as it is displayed graphically on a world map. Links to other earthquake info-sites. Very well done and informative site and a fine way to use clickable image-maps to access information.

Guess the Macromolecule
<http://sp1.berkeley.edu/macro.html>

A high-tech affair that is like a Biotech 20 questions game. You think of a Macromolecule (or even pretend to be one) and then the computer asks you various yes or no questions that you must respond to. Believe it or not - the computer very rarely loses as its question/answer database is vast and full of knowledge. Can you beat the computer at this Biotech 20 questions?
