

INFOhio Getting Started Guide



AccessScience is the online version of McGraw-Hill's *Encyclopedia of Science & Technology, 9th Edition*, containing more than 7,000 articles, 115,000 dictionary terms, more than 2,000 biographies of key scientists, links to related Web sites and much more

Use **AccessScience** for vocabulary definitions and in-depth information for:

- **Science** – topics such as archaeology, biology, chemistry, earth science, chemical elements, current events in science, biographies of key scientists.
- **Technology**—Topics such as computers, aerospace and engineering
- **Mathematics**—Topics such as algebra, calculus, statistics, trigonometry and biographies of key mathematicians.

To enter the resource, start from the INFOhio home page, <http://www.infohio.org>.

- Click on *Resources for Grades 6-8*, *Resources for Grades 9-12* or *Core Collection*.
- Click the **AccessScience** button.
- If necessary, enter your username and password.

The screenshot shows the McGraw-Hill AccessScience website. At the top, there is a navigation bar with links for Subscription Info, Newsletter, Librarians, Help/FAQs, About, and Contact Us. Below this is a search bar with a 'SEARCH' button and 'Search Options'. A 'PODCAST' section is also visible. The main content area is divided into several sections: 'Explore encyclopedia articles PLUS video, news and more on 7,000+ scientific topics...' with a grid of topic links; 'IMAGE OF THE WEEK' featuring 'Saturn's Sponge: The mysteries of Hyperion revealed'; 'HELPFUL TOOLS' including a Periodic Table and Geologic Time Scale; 'BIOGRAPHIES' with a link to 'more than 2000 biographies'; 'VIDEO NEWS' with 'Fat Microbes'; 'NEW! IMAGE GALLERY' with 'Venomous Fishes' and 'Mammals during the Mesozoic, the Age of Dinosaurs'; 'AccessScience EXPLORATIONS' with 'Forensics', 'Pluto', and 'Fossil Humans'; and 'NEWS' with 'Pliable carbon', 'Newton's Dusty Mirror', 'Skeletal Discovery', and 'Fat Microbes'.

Callout boxes highlight the following features:

- Quick Search**: Points to the search bar.
- Search Help**: Points to the 'Help/FAQs' link in the top navigation bar.
- Search by Topic**: Points to the grid of topic links.
- Other Helpful Resources**: Points to the 'HELPFUL TOOLS' section.
- Current articles from Science News**: Points to the 'NEWS' section.

Sample Search Results

The screenshot shows the McGraw-Hill AccessScience website interface. At the top, there is a search bar with 'moon' entered and a 'SEARCH' button. Navigation links include Home, Biographies, News, Study Center, Image Galleries, Multimedia, My Saved Images, and a browse menu (A-Z). The search results are categorized into several sections:

- ENCYCLOPEDIA ARTICLES:**
 - Moon:** The Earth's natural satellite (Table 1). United States and Soviet spacecraft have obtained lunar data and samples, and Americans have orbited, landed, and roved upon the... [Read this encyclopedia article](#)
 - Moon (in 'Archeoastronomy' article):** The Moon's most obvious change is that of its phases. The month of phases (synodic... [Read this section](#)
 - Sun, Earth, and Moon effects (in 'Communications satellite' article):** The Sun emits radio-frequency radiation at microwave frequencies. This radiation can... [Read this section](#)
- RESEARCH UPDATES:**
 - Moon:** The Moon had long been thought to be dry and barren. Then, the discovery of ice on the planet Mercury raised the possibility that ice may exist in permanently shadowed regions of the... [Read this update](#)
 - Moon (in 'X-ray astronomy' update):** ROSAT took the first x-ray picture of the Moon (Fig. 1). The sunlit side of the Moon... [Read this section](#)
- BIOGRAPHIES:**
 - Brown, Ernest William (1866-1938)
 - Hevelius, Johannes (1611-1687)
 - Masursky, Harold (1922-1990)
 - Schopf, J(ames) William (1941-)
- Q&A:**
 - Q:** Why does only one side of the Moon ever face the Earth? Is it just another one of those "astronomically" unlikely coincidences in the cosmos? [Read the answer](#)
 - Q:** Why is collision of the Earth with another planet the favored
- NEWS:**
 - December 10, 2006 [Lunar Outpost: NASA unveils plans for a return to the moon](#)
 - October 23, 2005 [Mining the moon](#)
 - April 10, 2005 [Moon story waxes fuller](#)
 - [View all 4 related stories...](#)
- MULTIMEDIA:**
 - ANIMATIONS
 - [Eclipse](#)
 - [Phases of the Moon](#)
- DICTIONARY:**
 - moon
 - age of the moon
 - dark of the moon
 - full moon
 - gibbous moon
 - harvest moon
 - [View all 16 related definitions...](#)

A callout box on the right side of the screenshot contains the text: "Searches retrieve Encyclopedia articles, Research updates, Biographies, News articles, Multimedia, Dictionary and Q&A".

Where to get additional help for AccessScience:

- Online wherever you see [Help/FAQs](#)
- On the INFOhio Web site - <http://www.infohio.org>

AccessScience Access to more than 7,100 articles, 115,000 dictionary terms and hundreds of "Research Updates" in all areas of science and technology.

[Click for help!](#)

- Your school's library media specialist

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