

Using eLibraryUSA Science Resources

For Researchers and Scientists

Gale Science in Context

Target Audience: Researchers already familiar with the field looking for up-to-date information

Content: Overview of current issues in scientific fields.

General: Click on “Resources” at the top of the page to view training videos and get tips about using the Gale database.

1. Browsing:

Near the top of the screen, click “Browse Topics.”

This takes you to a list of recently updated topics. Use the drop-down menu to navigate to a topic of interest.

The screenshot shows the Gale Science in Context website interface. At the top, there is a navigation bar with 'Home', 'Browse Topics' (circled in red), 'Maps', and 'Resources'. A search bar is located to the right of the navigation bar. Below the navigation bar, there is a dropdown menu for 'Choose a Category:' with 'Biology' selected. A red arrow points to the dropdown arrow. Below the dropdown menu, the page displays a list of topics under the heading 'Biology'. The topics are arranged in two columns. The first column includes: Abortion and Family Planning, Adaptation, Agricultural Science, Albinism, Allergies, Alzheimer Disease, Amino Acids, Amphibians, Animal Behavior, Animal Testing, Animals, Anorexia, Antarctic Region, Anthrax, and Antibiotics. The second column includes: Harvey, William (English anatomist), Heart, Heart Disease, Hepatitis, HIV/AIDS, Human Body (Anatomy), Human Genome, Human Population, Hydrologic Cycle, Hypertension, Immune System, Infectious Diseases, Influenza, Insects, and Integumentary System.

The “browse topics” page.

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Kate McNamara, Intern (IIP/RCA/AS)

The topic “portal” contains a variety of media: academic journals, articles, video, audio, and images. You can view the top results on the main page, and click “View All” within the box to see more. You can also search using the “search within page” box on the right.

Topic

Bioethics UPDATED!



Hippocratic oath

Ethics are the rules or principles of right and wrong. The word is also used to mean careful, reasoned thinking (philosophy) about right and wrong. "Bio" is Greek for "life," so the word "bioethics" means the philosophy of right and wrong in matters involving living things. There are several types of bioethics. The most common type is medical ethics, or the study of what choices are wrong or right in the practice of medicine. This type of bioethics dates back to the Hippocratic oath in ancient Greece. This oath says that a doctor promises to do no harm to patients...[View More](#)

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Academic Journals

[View All 829](#)

[To know or not to know the genomic sequence of a fetus](#)

Nature Reviews Genetics, October 2012
Groundbreaking technical advances have opened the door for whole-genome analysis in prenatal genetic diagnosis (PND)...

[Global bioethics hopes, fears, and new voices: as science...](#)

Issues in Science and Technology, Fall 2012
During the 1990s, James Grifo, a physician and

News

[View All 362](#)

[The Ethics of Advice](#)

The New York Times, July 14, 2012
Genetic testing raises some vexing ethical questions, like whether it will cause unnecessary anxiety or lead to more...

[Ethics body backs potential "3-parent" IVF treatment](#)

Reuters Health Medical News, June 13, 2012
By Kate Kelland LONDON (Reuters) - "Three-parent" fertility treatments designed to prevent some

Search within page

Tools

- Bookmark
- Share
- Email
- Dictionary

Videos

[View All 6](#)

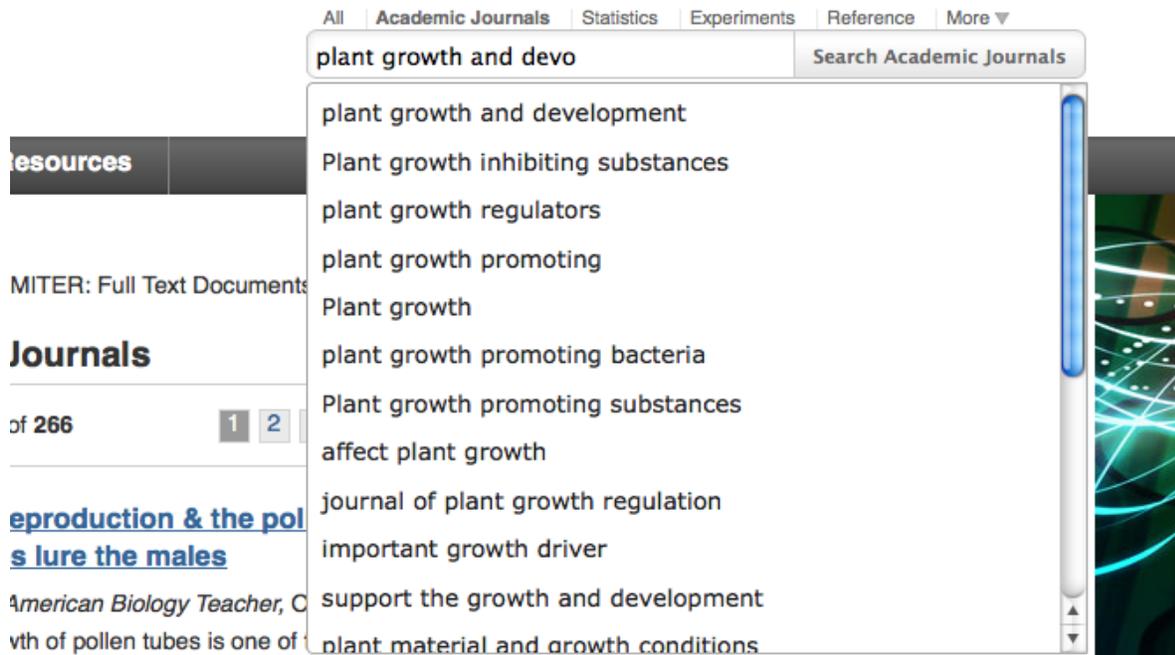
A topic portal front page. Links to view more resources and search within the page are circled.

2. Searching

You can use the search box at the top of the page. This search box is visible on every page. Clicking on the links above the search box allows you to narrow your search by media. As you type, the database will provide topic suggestions (although you can ignore these if they do not match what you want to search for).

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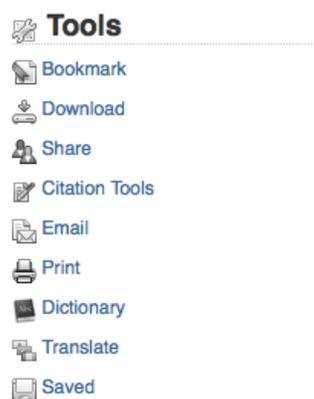


Topics suggestions below the search box as a subject is typed in.

Going to the “advanced search” link directly beneath the search box allows you to narrow the search by date, media type, and reading level.

3. Tools

The database also offers tools to bookmark a page, send it to a social media account or email, save to Refworks or another citation site, or email the page link.



The tools list located to the right of an article.

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Clicking “translate” allows you to translate the article into the language of your choice.



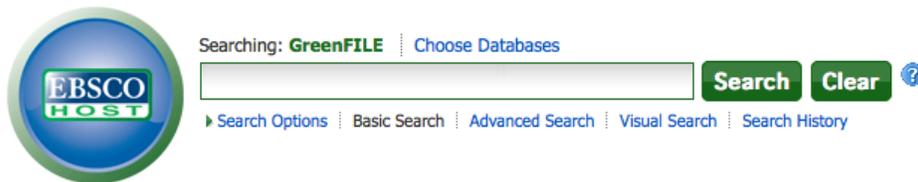
A list of languages available for document translation.

[GreenFile](#)

Audience: Researchers and scholars.

Content: Scholarly, government and general interest articles about environmental issues.

For basic searching, type into the search box. Clicking “search options” directly underneath the search box will bring up more ways to narrow your search, and “advanced search” allows you to search more than one field at a time.



The basic search box.

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Search Options Reset

Search modes ? <input checked="" type="radio"/> Boolean/Phrase <input type="radio"/> Find all my search terms <input type="radio"/> Find any of my search terms <input type="radio"/> SmartText Searching Hint	<input type="checkbox"/> Apply related words <input type="checkbox"/> Also search within the full text of the articles
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Limit your results

<input type="checkbox"/> Full Text <input type="checkbox"/> Scholarly (Peer Reviewed) Journals Publication Type <div style="border: 1px solid gray; padding: 2px;"> All Academic Journal Book/Monograph Essay </div>	<input type="checkbox"/> References Available Publication <input type="text"/> Publication Date Month: <input type="text"/> Year: <input type="text"/> to Month: <input type="text"/> Year: <input type="text"/> <input type="checkbox"/> Cover Story <input type="checkbox"/> Image Quick View Image Quick View Types <input type="checkbox"/> Black and White Photograph <input type="checkbox"/> Chart <input type="checkbox"/> Color Photograph <input type="checkbox"/> Diagram <input type="checkbox"/> Graph <input type="checkbox"/> Illustration <input type="checkbox"/> Map
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Search

To narrow your search, click “search options” below the search box for advanced search options.

Other databases can be added to your search by clicking “choose databases” directly above the search box and checking the selected databases.

Choose Databases ? ✕
 Detailed View (Title lists included)

Select / deselect all

<input type="checkbox"/> Regional Business News 📄 <input type="checkbox"/> Business Source Premier 📄 <input type="checkbox"/> Fuente Académica 📄 <input type="checkbox"/> Middle Search Plus 📄 <input checked="" type="checkbox"/> GreenFILE 📄	<input type="checkbox"/> European Views of the Americas: 1493 to 1750 📄 <input type="checkbox"/> Library, Information Science & Technology Abstracts 📄 <input type="checkbox"/> Teacher Reference Center 📄 <input type="checkbox"/> Library, Information Science & Technology Abstracts with Full Text 📄
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Access to all EBSCO databases available through eLibraryUSA.

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A visual search allows you to categorize and group search results. You can then click and drag articles into the “collection box” to save them.

Visual search categorization.

Academic OneFile

Audience: Researchers more familiar with specialized topics.

Content: Full text journal articles dating back to 1980.

General Searching:

The search box can be used to search by title, keyword, or publication title. The options below the search box allow for narrowing the search to only full text, peer reviewed articles, and articles with images. While typing, Search Assist will suggest terms. This feature can be turned on and off.

The basic search box.

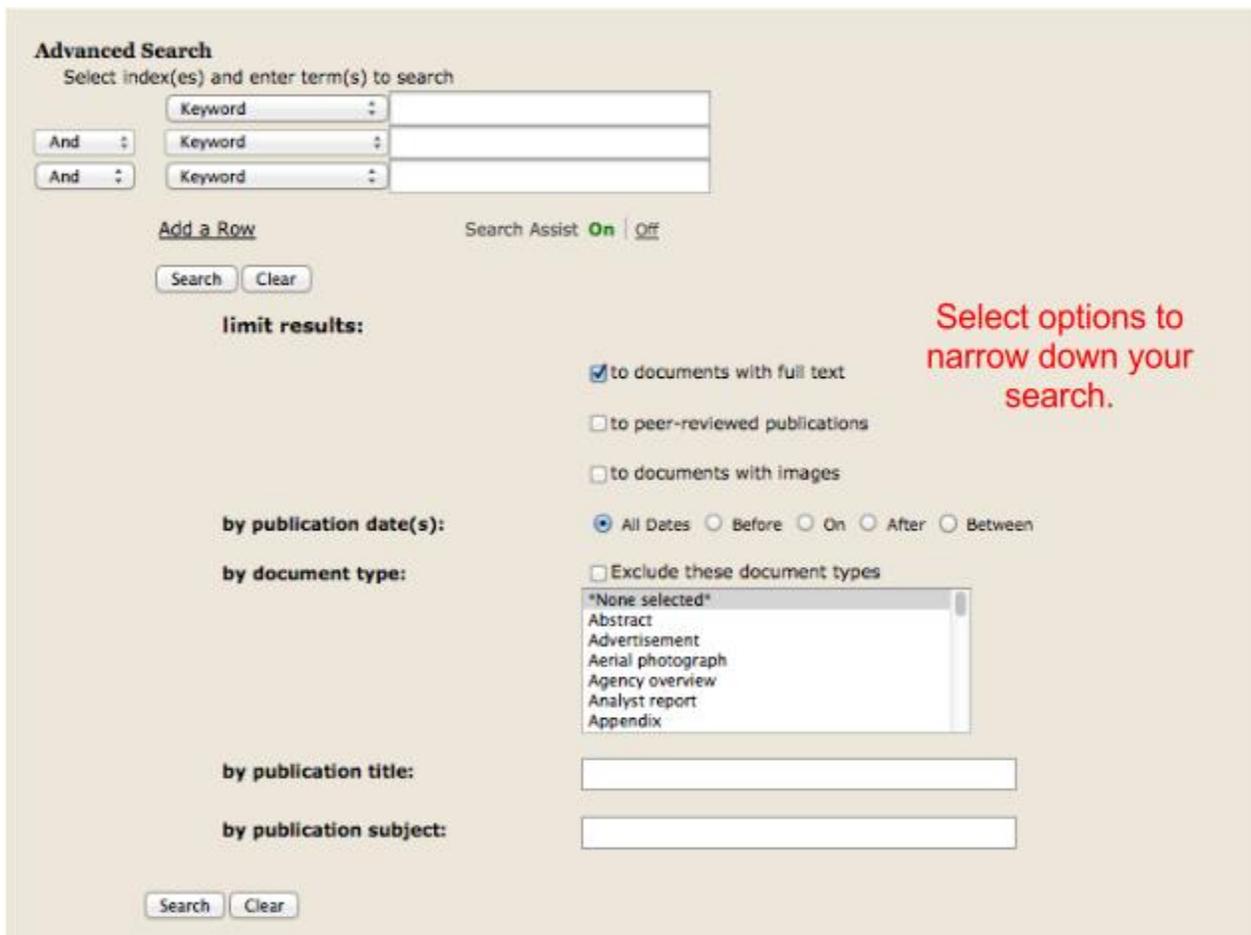
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The advanced search page provides more options to narrow your search.



Link to the advanced search.



Advanced search options.

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Publication Search allows you to search by journal title. You can also select “list all publications” and then find relevant titles based on subject.

The image shows a search results interface. On the left is a 'Refine Results' sidebar with sections for 'Limit Search by PUBLICATION SUBJECT', 'PUBLICATION FORMAT', and 'TARGET AUDIENCE'. The 'Science and technology' category is circled in red. The main area shows '16223 Results for Publication Search' and a list of results including '19th Century Music', 'The 2006 Lebanon Campaign and the Future of Warfare: Implications for Army and Defense', '2008 Year End Economic Report', '3D Research', '4D International Journal of IT and Commerce', '4D International Journal of Management and Science', '4OR: A Quarterly Journal of Operations Research', 'A+', and 'AACN Bold Voices'. A grey callout box with a pointer to the circled category contains the text: 'Choose "science and technology" to view science journals.'

Ways to refine your search.

This database can be viewed in several different languages. To select a language, hover over “English” at the top of the page, and a menu will drop down.

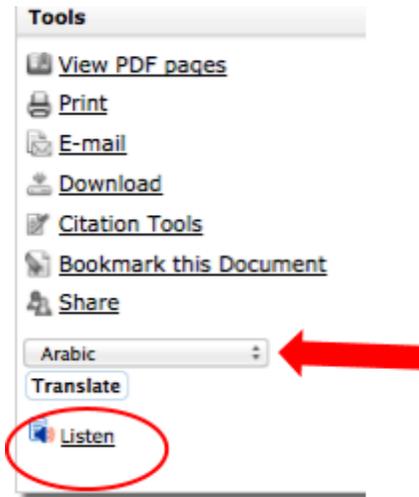
The image shows a language selection dropdown menu. The current selection is 'English'. The dropdown list includes: Afrikaans, Bahasa Indonesia, Bahasa Melayu, český, Cymraeg, Dansk, Deutsch, English, Español, Français, and Hindi.

Language translation options.

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Articles themselves can also be translated into a few different languages, using the dropdown menu on the right sidebar. Clicking “listen” launches an audio file of the article.



Translation dropdown menu in the tools box.

For General Audiences

ELL Research Center

Target Audience: Those who are learning English, high school students.

Content: Easy to read articles on many subjects.

For a general overview of using ELL Research Center, click on “ELL Content and Features” on the right sidebar, then click the article “Research Guide: Using the ELL Research Center.”

On the front page you will see four categories. Click on “Science.”

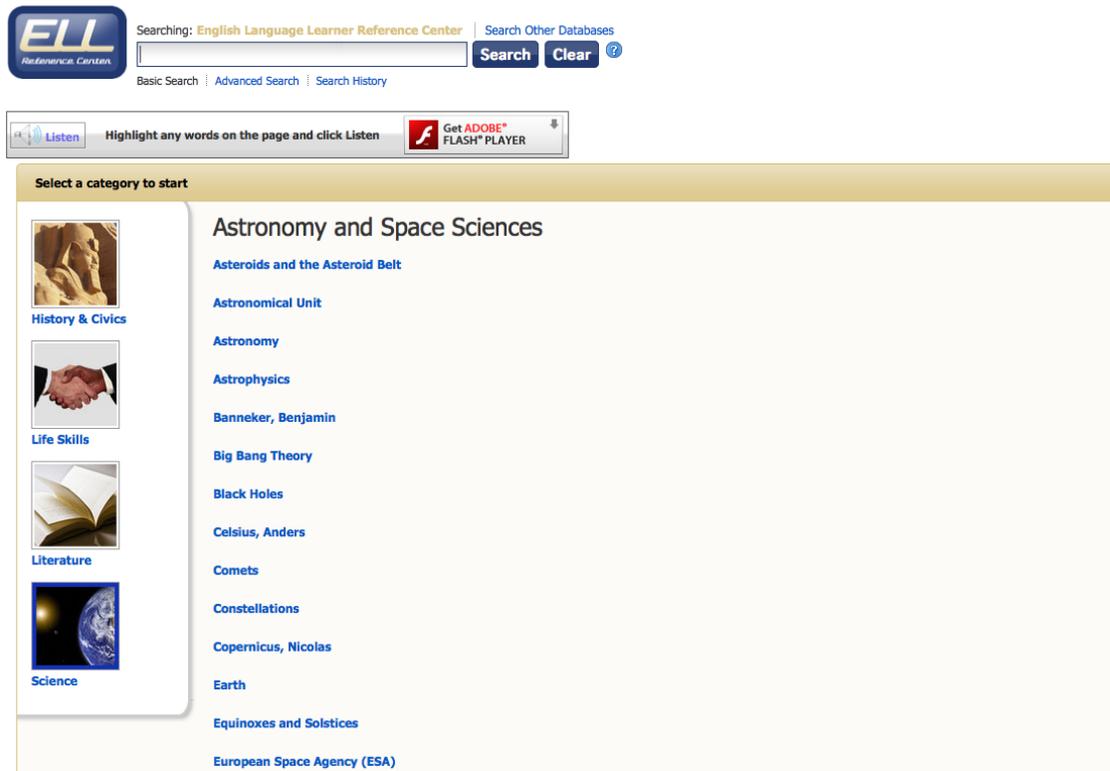


The link to the science materials.

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This will take you to a list of general topics. Clicking on each brings up a list of more specific topics.



ELL
Reference Center

Searching: English Language Learner Reference Center | Search Other Databases

Search Clear ?

Basic Search | Advanced Search | Search History

Listen Highlight any words on the page and click Listen Get ADOBE® FLASH® PLAYER

Select a category to start

History & Civics

Life Skills

Literature

Science

Astronomy and Space Sciences

- Asteroids and the Asteroid Belt
- Astronomical Unit
- Astronomy
- Astrophysics
- Baneker, Benjamin
- Big Bang Theory
- Black Holes
- Celsius, Anders
- Comets
- Constellations
- Copernicus, Nicolas
- Earth
- Equinoxes and Solstices
- European Space Agency (ESA)

Science topics.

Each of these sub-topics has an article giving a general overview. The articles are appropriate for basic introductory information.

[PowerKnowledge Science Databases](#)

Audience: Children grades 3-6.

Content: Basic science information in easy to read articles, videos, and games. There are 3 databases: Life Science, Earth and Space, and Physical Science. You can switch between databases using the links at the top left of the page.

General: "Site help," link at top right of page.

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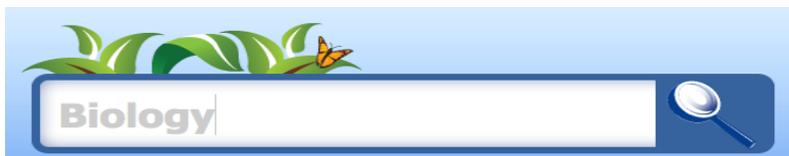
Searching:

1. Browse topics using the list on the left. Clicking a link brings up a list of topics and sub-topics.



Topic menu.

2. Type into the search box at the top of the page and click the magnifying glass. This brings up a list of articles and a selection of media results.



The search box.

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Text results 1-10 of 86 for "habitats".

1. World Habitats

... World **Habitats** Where do you live? Is your home in a busy city or in the quiet country? Do ...

2. Pond Habitats

... What is a Pond Habitat? **Habitats** are everywhere. They are the different places where plants ...

3. Desert Habitats

... desert **habitats** are home to many living things. There's a lot to learn about these interesting ...

1.



Tundra habitats are found in far northern Europe.

Image

2.



Giant pandas are facing extinction because people are taking over pandas' habitats.

Image

3.



Ring-tailed lemurs are endangered animals that live in forest habitats in Madagascar.

Image

4.



These river otters are keeping watch in some grass. River otters are just some of the

The results page. Text articles are on the left, and images are on the right.

Features:

The "Find Out More" link on the sidebar of each article provides links to more sources on the topic.

The databases offer fun features to help kids learn, like brain teaser quizzes and games.

Scientific Method

Survival and Adaptation

Science Fair Projects and Experiments

Resources for Teachers/Librarians

Play Games

Games

PLAY NOW!

Brain Teasers

Which of these facts is true about coral reefs?

- Form in very cold water
- Form in streams
- Form in salty water
- Form very deep underwater
- Home to very few animals

ANSWER

Games and other resources for PowerKnowledge users.

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Grolier Online

Audience: Children aged 7 and up.

Content: Basic reading level. Articles from children's encyclopedias; Videos; Interactive Features

General Searching Info: "Help" Link on top right of page

For a basic search, type your search term in the "Find it Fast" box at the top of the page. This brings up a list of results. The number beside each result indicates the reading level.

go FIND IT FAST

biology

DICTIONARIES M...

ELEMENTARY SCHOOL MIDDLE SCHOOL HIGH SCHOOL ADULT PATRONS LIBRARIANS/EDUCATORS

Key to Reading Levels:

1 Reading Level 1 Grades 5 & under Lexile 200-800 ATOS 5.9 & under GRL A-V	2 Reading Level 2 Grades 5-8 Lexile 801-1000 ATOS 5.0-8.9 GRL Q-Z
3 Reading Level 3 Grades 8-12 Lexile 1001-1200 ATOS 8.0-12.9	4 Reading Level 4 Grades 11 & up Lexile 1200+ ATOS 11.0+

Refine Results by Reading Level

Articles News Stories Fast Facts

Found 5501 result(s) in your search for:

science

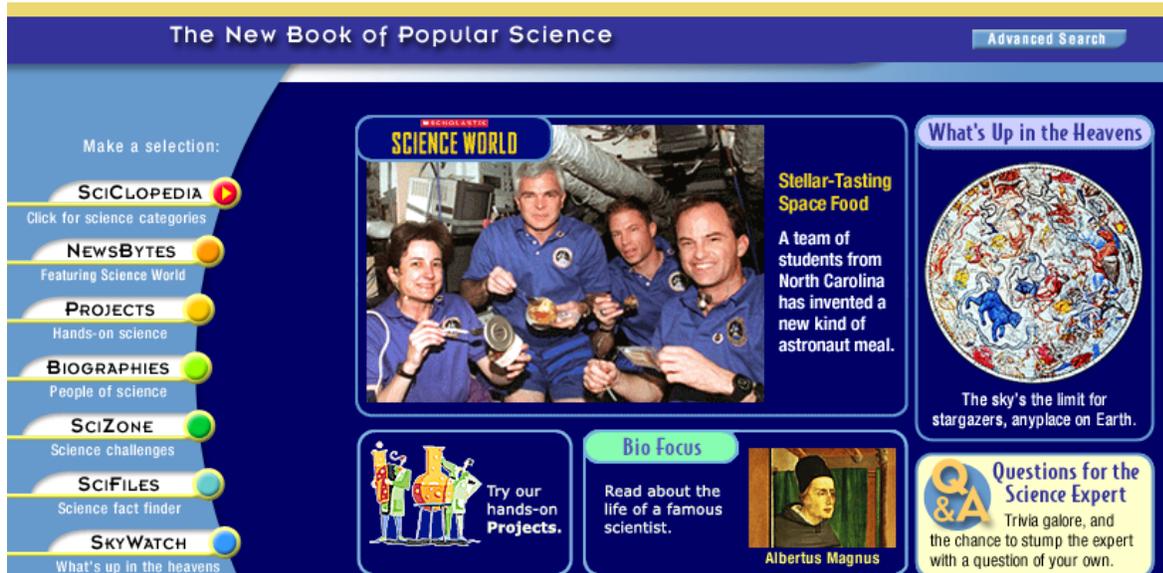
- 3** Science [Lexile: 1190]
Grolier Multimedia Encyclopedia
Science may be broadly defined as the develop physical universe.
- 2** Science [Lexile: 970]
The New Book of Knowledge
Science is knowledge. Our word science come
- 4** Political Science [Lexile: 1530]

The Find It Fast Search box.

Updated December 12, 2012

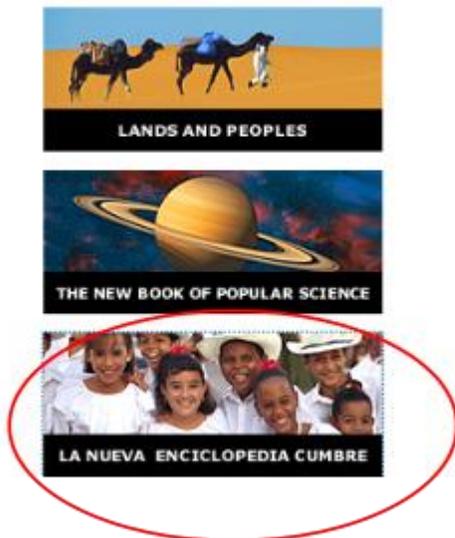
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The New Book of Popular Science also allows browsing by topic. A link can be found in the left sidebar on the front page.



Front page of the New Book of Popular Science.

There is also a Spanish encyclopedia. It can be found using the link to La Nueva Enciclopedia Cumbre in the list to the left of the front page.



Link to the Spanish encyclopedia.

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