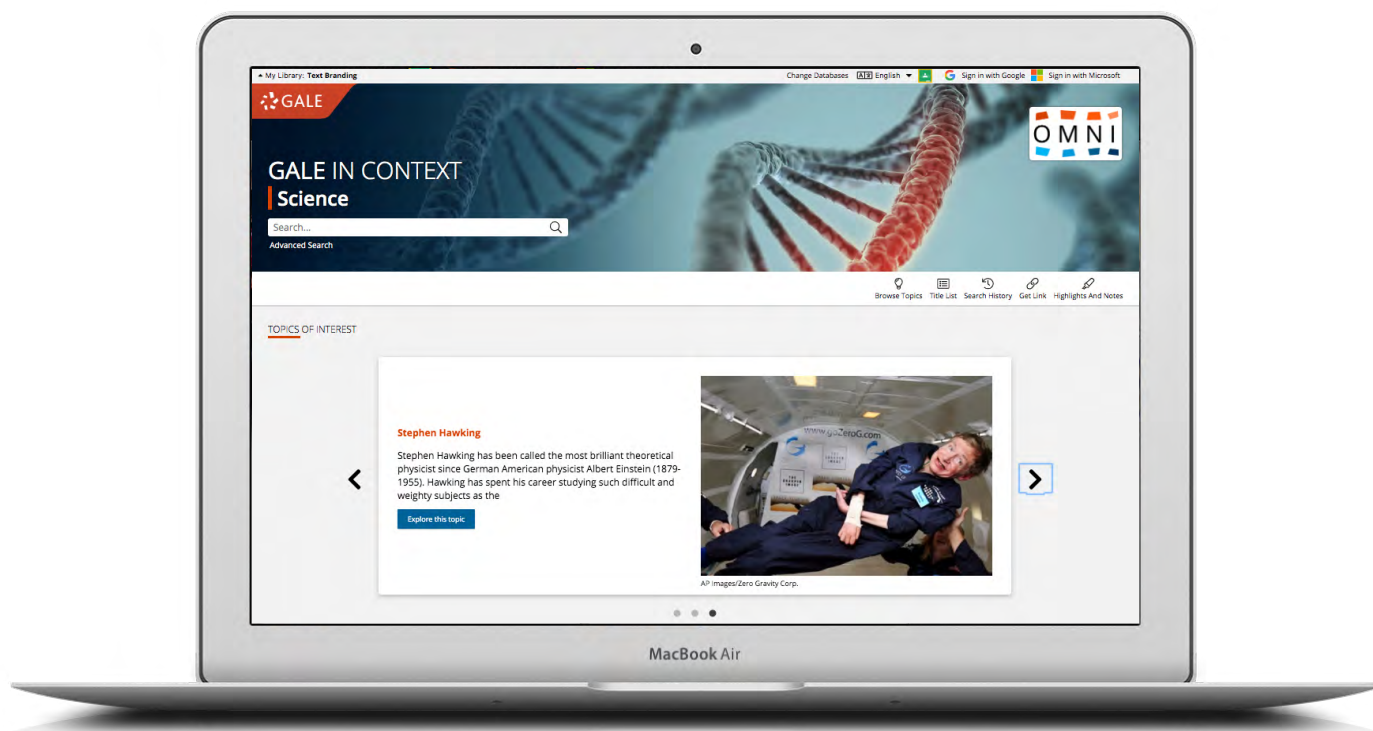


# GALE IN CONTEXT: SCIENCE

DISCOVER, EXPLORE, AND INNOVATE

*Gale In Context: Science* delivers up-to-date information on frequently studied topics in biology, chemistry, physics, math, and more. You'll find videos, magazine and news articles, reference entries, and experiments to master science and technology topics, so that you can apply your knowledge to real-world issues. Build the STEM skills you need to succeed in homework, and in life with *Science*.



## TOPICS OF INTEREST

Discover trending scientific topics and findings featured in the banner. Use the dots at the bottom or the arrows on either side of the image carousel to explore.

## BROWSE TOPICS

Link directly into popular scientific subjects from the home page or click on **Browse Topics** in the banner to view all available topic pages.

## SIGN IN

Log in and use **Send to...** to add documents to your Google or Microsoft account. Save your research and access it anytime from Google Drive™ or OneDrive™

## SEARCHING CONTENT

### Basic Search

Locate relevant results based on your search term(s).  
Basic search is a good place to start your research.

### Advanced Search

Customize your search with more limiting options to target relevant results. You can use advanced search to run complex searches for specific results, or to perform open searches for a broad view of available content.

- **Subject:** Choose this field to search document tags and find results fully focused on your topic. Try subject if your basic search produces too many results.
- **Publication Title:** Use this option to find articles or documents from a particular publication like *Popular Science*.
- **Entire Document:** Pick this field to search within the entire text of documents. This option performs a broad search for any mention of your terms, so you can find precise phrases within results, or locate articles that touch on specific concepts.
- **Search Operators:** Use these drop-downs to connect your search terms. **AND** ensures your results mention both terms. **OR** broadens your search to results mentioning either term. **NOT** excludes a term.

The screenshot shows the 'Advanced Search' page of the Gale In Context Science database. At the top, there's a search bar and navigation links like 'Browse Topics', 'Search History', 'Get Link', and 'Highlights And Notes'. Below the search bar, there are 'SEARCH OPTIONS' including 'Advanced Search', 'Publication Search', and 'Topic Finder'. The 'Advanced Search' section has three rows of search criteria, each with a 'Search for' field, an 'And' dropdown, and an 'in' dropdown. There's an 'Add a Row' button and a 'Search' button. Below this, 'MORE OPTIONS' are listed: 'Full Text Documents' (checked), 'Peer-Reviewed Journals', and 'Document Contains Images'. There are also sections for 'by publication date(s)' with radio buttons for 'All Dates', 'Before', 'On', 'After', and 'Between'; 'by document type' with a 'Select Document Type(s)' dropdown; and 'by content type' with a 'Select Content Type(s)' dropdown.

## BROWSING CONTENT

### Topic Pages

Access a one-stop portal of information focused on frequently studied scientific subjects. Topic pages begin with an overview essay with background information to build your understanding. Additional materials are organized, so that you can easily continue exploring.

- **Featured Content** is hand-selected by Gale's expert editorial team. Examine these results to acclimate to the subject using a good mix of sources.
- **Reference** entries quickly build your background knowledge of a topic.
- **Experiments** supply opportunities for hands-on learning, and make it possible to ace science fairs.
- **Videos, Images, and Audio** provide engaging coverage of science and technology, and are perfect for use in projects and presentations.
- **Magazines** and **News** articles from premium international sources present recent developments with new results added every day.
- **Academic Journals** deliver advanced analysis from scholarly and peer-reviewed publications.
- **Websites** link you to additional sources selected to help take your learning and research to the next level.

The screenshot shows the 'Antibiotics' topic page. At the top, there's a navigation bar with 'Home > Health and Medicine > Antibiotics'. The main heading is 'Antibiotics'. Below it, there's an 'OVERVIEW' section with a circular image of a cell and the text: 'Antibiotics are natural or synthetic compounds that kill bacteria. There are a myriad of different antibiotics that act on different structural or biochemical components of bacteria. Antibiotics have no direct effect on viruses.' Below this, there's a section titled 'Prior to the discovery of the first antibiotic, penicillin, in the 1930s, there were few effective ways of combating bacterial infections. Illnesses such as pneumonia, tuberculosis, and typhoid fever were virtually untreatable, and minor bacterial infections could blossom into life-threatening maladies. In the decades following the discovery of penicillin, scientists discovered many naturally occurring antibiotics and still more were synthesized towards specific targets on or in bacteria.' Below this, there's a section titled 'Antibiotics are manufactured by bacteria and various eukaryotic organisms, such as plants, usually to protect the organism from attack by...' with a 'Read more' button. Below the overview, there's a section titled 'ON THIS PAGE' with links to 'Featured Content (3)', 'Reference (81)', 'Experiments (2)', 'Images (10)', 'Videos (2)', 'Audio (5)', 'News (33)', 'Academic Journals (266)', and 'Magazines (67)'. Below this, there's a 'SEARCH WITHIN RESULTS' section with a search bar. At the bottom, there are two columns of featured content, each titled 'Antibiotics' and containing a snippet of text from the 'Opposing Viewpoints Online Collection' dated Jan. 2, 2019, with 1,859 words and a topic overview link.