General Science

Library of Congress Classification

Where to find science books in the stacks:

- Q – General, multidisciplinary science
- QA – Mathematics
- QB – Astronomy
- QC – Physics
- QD – Chemistry
- QE – Geology
- QH – Natural History, Biology
- QK – Botany
- QL – Zoology
- QM – Human anatomy
- QP – Physiology
- QR – Microbiology
- R – Medicine, general
- RA – Public aspects of medicine
- RT – Nursing
- T – Technology, general
- TA – Engineering; general, civil
- TD – Environmental technology
- TH – Building constructio

Databases

STU Library E-Research page, STEM or A-Z listing

- Science Direct College Edition
- *Gale Virtual Reference Library, medicine section*:
  - The Gale Encyclopedia of cancer
  - The Gale Encyclopedia of Children's Health: Infancy through Adolescence
  - Nutrition and Well-Being A to Z
  - Grzimek's Animal Life Encyclopedia
- Pubmed
- Health Business File
- Green culture: An A-to-Z guide
- GreenFile
- Computer Database

Dictionaries, Encyclopedias & Handbooks

AccessScience from McGraw-Hill. (2000). New York, N.Y.: McGraw-Hill Companies.
Available on e-research page

Börner, K. (2010). *Atlas of science: Visualizing what we know*. Cambridge, Ma: MIT Press.
REF Q177 .B67 2010

The Hutchinson encyclopedia of science. (2004). Oxon: Helicon Q173 .O915 2005

Daintith, J., & Martin, E. A. (2005). *A dictionary of science*. Oxford: Oxford University Press.
Ref Q123 .C68 2005

Durbin, P. T. (1988). *Dictionary of concepts in the philosophy of science*. New York: Greenwood.
Ref Q174.7 .D87 1988

Clugston, M. J. (2004). *The new Penguin dictionary of science*. London: Penguin Books.
Ref Q123 .N46 2004

Writing, Scientific Communication and Style Manuals

American Psychological Association. (2001). *Publication manual of the American Psychological Association*. Washington, DC: American Psychological Association.
Ready Ref BF76.7 .P83

Cargill, M., & O'Connor, P. (2009). *Writing scientific research articles: Strategy and steps*. Chichester, UK: Wiley-Blackwell. T11 .C327 2009

Goldbort, R. (2006**).** *Writing for science*. New Haven: Yale University Press.
Available in e-book collection

Hofmann, A. H. (2010). *Scientific writing and communication: Papers, proposals, and presentations*. New York: Oxford University Press. Q223 .H63 2010

Harmon, J. E., & Gross, A. G. (2010). *The craft of scientific communication*. Chicago: University of Chicago Press.
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Hofmann, A. H. (2010). *Scientific writing and communication: Papers, proposals, and presentations*. New York: Oxford University Press. Q223 .H63 2010

Katz, M. J. (2009). *From research to manuscript: A guide to scientific writing*. New York: Springer.
T11 .K345 2009

Walters, D. E., & Walters, G. C. (2002). *Scientists must speak: Bringing presentations to life*. London: Taylor & Francis. N5760 .P57. Q223 .W344

History and Social Aspects

Bunch, B. H., & Hellemans, A. (2004). *The history of science and technology: A browser's guide to the great discoveries, inventions, and the people who made them, from the dawn of time to today*. Boston: Houghton Mifflin. Ref Q125 .B945 2004

Bynum, W. F., & Porter, R. (2005). *Oxford dictionary of scientific quotations*. Oxford: Oxford University Press

Cohen, I. B. (1980). *Album of science: From Leonardo to Lavoisier 1450-1800*. New York: Charles Scribner's Sons. Ref Q125 .C54 1980

Daston, L., & Lunbeck, E. (2011). *Histories of scientific observation*. Chicago:

University of Chicago Press. Q174.8 .H57 2011

Godfrey-Smith, P. (2003). *Theory and reality: An introduction to the philosophy of science*. Chicago: University of Chicago Press. Q175 .G596 2003

Grinnell, F. (2009). *Everyday practice of science: Where intuition and passion meet objectivity and logic*. Oxford: Oxford University Press. Available in e-book collection

Krebs, R. E. (2004). *Groundbreaking scientific experiments, inventions, and discoveries of the Middle Ages and the Renaissance*. Westport, CT: Greenwood Press. Ref Q124.97 .K73 2004

Massa, L. (2011). *Science & the written word: Science, technology, and society*. New York: Oxford University Press. Available in e-book collection

Newton, D. E. (1999). *Social issues in science and technology: An encyclopedia*. Santa Barbara, Calif: ABC-CLIO. Ref Q175.5 .N49 1999

Biography

Asimov, I. (1964). *Asimov's biographical encyclopedia of science and technology: The living stories of more than 1000 great scientists from the age of Greece to the space age, chronologically arranged*. Garden City: Doubleday. Ref Q141 .A74

Balchin, J. (2003). *Science: 100 scientists who changed the world*. New York: Enchanted Lion. Q125 .B377 2003

Daintith, J., & Gjertsen, D. (1999). *A Dictionary of scientists*. Oxford: Oxford University Press. Available in e-book collection

Elliott, C. A. (1979). *Biographical dictionary of American science: The seventeenth through the nineteenth centuries*. Westport, Conn: Greenwood Press. Ref Q141 .E37

Gillispie, C. C., & American Council of Learned Societies. (1970). Dictionary *of scientific biography*. New York: Scribner. Ref Q141 .D5

Gribbin, J. R. (2003). *The scientists: A history of science told through the lives of its greatest inventors*. New York: Random House. Ref Q141 .G79 2003

The Hutchinson dictionary of scientific biography. (2004). Abingdon, Oxon: Helicon. Available in e-book collection

Pickover, C. A. (2008). *Archimedes to Hawking: Laws of science and the great minds behind them*. Oxford: Oxford University Press. Available in e-book collection

Science Education

Abell, S. K., Appleton, K., & Hanuscin, D. L. (2010). *Designing and teaching the elementary science methods course*. New York: Routledge. LB1585 .A24 2010

Abell, S. K., & Lederman, N. G. (2007). *Handbook of research on science education*. Mahwah, N.J: Lawrence Erlbaum Associates. Ref Q181 .H149 2007

Atkin, J. M., Black, P. J., Coffey, J., & National Research Council (U.S.). (2001). *Classroom assessment and the National Science Education Standards*. Washington, DC: National Academy Press. LB1585.3 .C54 2001

Mintzes, J. J., & Leonard, W. H. (2006). *Handbook of college science teaching*. Arlington, Va: NSTA Press. Ref Q183.3.A1 H35 2006

Roth, W.-M., & Barton, A. C. (2004). *Rethinking scientific literacy*. New York: Routledge Falmer. Available in e-book collection

Science and Religion

Bryant, C. D., Peck, D. L., Sage Publications, & Sage eReference. (2009). Encyclopedia of death and the human experience. Thousand Oaks, Ca: SAGE. Available on E-Research page.

Campbell, H., & Looy, H. (2009). A science and religion primer. Grand Rapids, Mich: Baker Academic. BL240.3 .S349 2009

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Van Huyssteen, H. W. (2003). Encyclopedia of science and religion. Farmington, Mich.: Thomson/Gale. Available at E-Research page.

Selected Web Resources

National Science Foundation. http://www.nsf.gov/

National Center for Science and Engineering Statistics (NCSES). http://www.nsf.gov/statistics/

InfoMine, scholarly Internet Resource Collections from UC. http://infomine.ucr.edu/

Biographical Sources in the Sciences -- General Works and National Sources. http://www.loc.gov/rr/scitech/tracer-bullets/bio-sourcestb1.html

National Aeronautics and Space Administration (NASA). http://www.nasa.gov/

Everyday Mysteries: Fun Science Facts from the Library of Congress. http://www.loc.gov/rr/scitech/mysteries/

The History of Technology: Library of Congress Science Tracer Bullet. http://www.loc.gov/rr/scitech/tracer-bullets/historyoftechtb.html

Florida Academy of Sciences. www.floridaacademyofsciences.org/

Nobel Prizes and Laureates. http://www.nobelprize.org/index.html