

Physics/Astronomy

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Need an encyclopedia on physics? Looking for data on stellar bodies? Need information on weights and measures, formulas and/or experiments? Looking for information about a particular mathematical equation? These and other questions can be answered with the aid of the resources listed below. If you have additional questions, ask the librarians. They are ready to assist you in finding the information you need.

Reference Books

- American Men and Women of Science
R 925 Am3
- Astronomical Phenomena for the Year
DOC D 213.8/3
- Astronomy Data Book
523 R56a
- Atlas of the Universe
R 520 M785at 1998
- CRC Handbook of Chemistry and Physics
R 540.2 H191
- Cambridge Astronomy Dictionary
R 520.3 C144 1996
- Cambridge Atlas of Astronomy
Q 520 C144 1994
- Cambridge Encyclopedia of Meteorites
R 523.5103 N825c
- Cambridge Encyclopedia of the Sun
R 523.703 L253c
- Conversion Factors
502.12 C772c
- Dictionary of Astronomy
R 520.3 F119 2000
- Dictionary of Geophysics, Astrophysics, and Astronomy
R 520.3 D562 2001
- Dictionary of Minor Named Planets
R 523.4403 Sch42d2
- Dictionary of Named Effects and Laws in Chemistry, Physics and Mathematics
R 503 B21d2
- Dictionary of Physics
R 530.03 D368d 1999
- Dictionary of Space Technology
R 629.403 An435d2
- Encyclopedia of Astronomy and Astrophysics
R 520.3 En195 2001
- Encyclopedia of Cosmology
R 523.103 En195
- Encyclopedia of Spectroscopy
R 535.84 En19
- Encyclopedia of the Solar System
R 523.203 En195
- Facts on File Dictionary of Astronomy
R 520.3 F119 2000
- Frontiers of Space Exploration
R 629.45 L371f
- History of Astronomy: An Encyclopedia
R 520.3 H629
- Illustrated Encyclopedia of Space Technology: A Comprehensive History of Space Exploration
R 629.403 IL627
- International Critical Tables of Numerical Data, Physics, Chemistry and Technology...
R 508 N213i
- International Encyclopedia of Astronomy
R 520.3 In855
- Mathematics Dictionary
R 510.3 J236m5
- McGraw-Hill Concise Encyclopedia of Science and Technology
R 503 M178 1989
- McGraw-Hill Encyclopedia of Physics
R 530.03 M178 1993
- New Dictionary of Physics
R 530.03 F79d2
- Omni Space Almanac
R 629.4 M117o
- Oxford Dictionary of Physics
R 530.03 D561 2000
- Recent Advances and Issues in Astronomy
R 520 D442r
- Recent Advances and Issues in Physics
R 530 N482r
- Telescope Handbook and Star Atlas
523.002 H835t
- USA in Space
R 629.4097 V842
- Van Nostrand's Scientific Encyclopedia
R 503 V338 2002

Books

- 520 Astronomy
- 530 Physics

GOVERNMENT DOCUMENTS

- **E** Department of Energy
- **NS** National Science Foundation
- **NAS** Natl. Aeronautics & Space Admin.

Articles

Article databases can be found at
(<http://www.swosu.edu/library/>)

- Academic Search Complete (EbscoHost)
- American Chemical Society Journal Archives
- arXiv e-Print Archive
- Institute of Physics (IoP) E-Journals
- MathSciNet
- PROLA: Physical Review Online Archive
- Today's Science (FACTS.com)

For a complete list of periodicals owned by the library, look at the Periodical Holdings List
(<http://www.swosu.edu/library/holdings.htm>).

Internet Resources

- A.I.P. WEEKLY PHYSICS NEWS
<http://newton.ex.ac.uk/aip/bigindex.html>
- ALBERT EINSTEIN ONLINE
<http://www.westegg.com/einstein/>
- AMERICAN ASTRONOMICAL SOCIETY
<http://www.aas.org>
- AMERICAN INSTITUTE OF PHYSICS
<http://www.aip.org/>
- ARXIV.ORG
<http://www.arxiv.org>
- ASTRONOMICAL DATA CENTER
<http://adc.gsfc.nasa.gov/adc.html>
- ASTRONOMY MAGAZINE
<http://www.astronomy.com>
- ASTRONOMY ONLINE
<http://www.eso.org/outreach/spec-prog/aol/>
- ASTROWEB: ASTRONOMY ON THE INTERNET
<http://cdsweb.u-strasbg.fr/astroweb.html>
- CENTER FOR THE HISTORY OF PHYSICS
<http://www.aip.org/history/>
- CENTURY OF PHYSICS
<http://timeline.aps.org/APS/>

- CONTEMPORARY PHYSICS EDUC PROJECT
<http://www.cpepweb.org>
- FEAR OF PHYSICS
<http://www.fearofphysics.com>
- FERMILAB INFORMATION RESOURCES DEPT
<http://lss.fnal.gov/ird/index.html>
- HALL OF ASTRONOMERS
<http://www.AllAboutSpace.com/subjects/astronomy/glossary/Astronomers.html>
- HEASARC, HIGH ENERGY ASTROPHYSICS SCIENCE ARCHIVE RESEARCH CENTER
<http://heasarc.gsfc.nasa.gov>
- HUBBLE SPACE TELESCOPE
<http://hubblesite.org/newscenter/>
- IPPEX
<http://ippex.pppl.gov>
- LANL ARXIV.ORG E-PRINT ARCHIVE
<http://xxx.lanl.gov>
- NASA ASTROPHYSICS DATA SYSTEM
<http://adswww.harvard.edu>
- NIST PHYSICS LABORATORY
<http://physics.nist.gov>
- NATIONAL NUCLEAR DATA CENTER, BROOKHAVEN NATIONAL LABORATORY
<http://www.nndc.bnl.gov/>
- NOBEL PRIZE INTERNET ARCHIVE
<http://almaz.com/nobel/nobel.html>
- OFFICE OF SCIENCE, U.S. DEPT OF ENERGY
<http://www.sc.doe.gov/>
- PHYSICSWEB
<http://physicsweb.org/>
- RESOURCES OF THE NIELS BOHR LIBRARY
<http://www.aip.org/history/nblbro.htm>
- REVIEW OF PARTICLE PHYSICS
<http://pdg.lbl.gov/>
- SKYMAPS
<http://www.skymaps.com>
- SLOAN DIGITAL SKY SURVEY
<http://skyserver.sdss.org/dr1/en/>
- SOLAR PHYSICS
<http://solarscience.msfc.nasa.gov>
- STANFORD LINEAR ACCELERATOR CENTER (SLAC) RESEARCH LIBRARY
<http://www.slac.stanford.edu/library/>
- STEPHEN HAWKING'S UNIVERSE
<http://www.wnet.org/hawking/html/home.html>
- UNIVERSITY CORPORATION FOR ATMOSPHERIC RESEARCH
<http://www.ucar.edu/ucar/>
- YOUR WEIGHT ON OTHER WORLDS
http://www.onlineconversion.com/weight_on_other_planets.htm