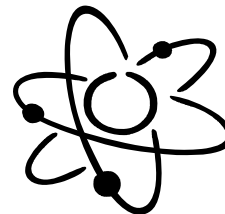




SOME MATERIALS ON THE PHYSICAL SCIENCES
AVAILABLE AT THE MESA COLLEGE LIBRARY



Cambridge Dictionary of Astronomy – “This dictionary explains over 3000 of the most commonly encountered terms, names and abbreviations used today and in the past, covering both professional and amateur astronomy.” Terms are in alphabetical order and supplemented by a number of drawings, diagrams, and six tables (at the end) dealing with such topics as the Greek alphabet, constellations, and the natural satellites of the planets. **REF. QB 14 M55**

Cambridge Encyclopedia of Earth Sciences - Physics and chemistry of the earth; rocks and minerals; seismology; Earth's crust; surface processes and environments (including climate); fossils and evolution; and geology are among the topics covered in survey articles. Photos, tables, diagrams, a glossary, a bibliography, and an index provide additional information. **REF. QE 26.2 C35**

Dictionary of Civil Engineering - Short definitions. Occasional illustrations. **REF. TA 9 S35**

Dictionary of Mining, Mineral, and Related Terms - Short definitions. Lists of sources and geographical abbreviations are at the end. **REF. TN 9 T5**

CRC Handbook of Chemistry and Physics - Charts, tables, diagrams, formulas, etc. on every area of chemistry and physics in one annually updated volume. **REF. QD 65 H3**

Dictionary of Space - Definitions of space terminology with some diagrams. **REF. QB 497 P57**

Electronics Engineers' Handbook - Detailed articles with diagrams, tables, formulas, etc. in areas such as circuits, materials' properties, microwaves, energy sources, navigation, and many others. Articles have bibliographies. Index at the end. **REF. TK 7825 F56**

Encyclopedia of Electronics - Audio electronics; broadcasting and communications; circuits; computers and digital electronics; electricity and magnetism; power supplies; radiolocation, radionavigation, and radar; solid-state electronics; switching and control; tests and measurements; units, standards, and constants; and wiring and construction are among the numerous topics covered. Diagrams provided. Index at the end. **TK 7804 E47**

Encyclopedia of Weather and Climate – 2 vols. – Maps, tables, diagrams, and cross-references supplement the articles covering the various aspects of climatology and meteorology. An index is at the end of vol. 2. **REF. QC 854 A45**

Facts on File Dictionaries – Contain alphabetically arranged definitions supplemented by charts, tables, drawings, graphs, diagrams, cross-references, and/or appendices. Library has: **Astronomy (REF. QB 14 F3)**, **Physics (REF. QC 5 F34)**, **Weather and Climate REF. (QC 854 F33)**.

German-English Technical & Engineering Dictionary - Translates the language of engineering into English terminology. **REF.T 9 D47**

Global Warming in the 21st Century – 3 vols. – Vol. 1 – “Our Evolving Climate Crisis;” Vol. 2 – “Melting Ice and Warming Seas;” Vol. 3 – “Plants and Animals in Peril.” Articles are supplemented by b&w photos and bibliographies. A longer bibliography and an index are at the end of Vol. 3. **REF.QC 981.8 G56 J643**

- Glossary of Geology** - Short definitions of geologic terms, supplemented by an extensive bibliography at the end. **REF. QE 5 G37**
- Jane's Aerospace Dictionary** - Short definitions of terms connected to aerospace, including acronyms. A listing of Greek symbols used in aerospace is at the back. **REF. TL 509 J3z**
- McGraw-Hill Encyclopedia of the Geological Sciences** - Alphabetically arranged survey articles cover all aspects of geology, augmented by photos, diagrams, and other illustrations. Bibliographies provided at the end of each article. A table of minerals and an index are at the end. **REF. QE 5 M29**
- New Dictionary of Physics** - Definitions of terms from all branches of physics. A variety of tables are at the back. **REF. QC 5 G7**
- Norton's 2000.0: Star Atlas and Reference Handbook** - Maps, charts, tables, and detailed explanations of stars and other astronomical phenomena. Listings of terms, symbols, and useful addresses; a glossary; and an index provide additional help. **REF. QB 65 N7**
- Oxford Astronomy Encyclopedia: An A-Z Guide to the Universe** – B&w and color photos, star maps, and diagrams enhance the short alphabetically arranged entries, which include information on important people, our Galaxy, the Sun, planets, telescopes, astrophysics, life in the Universe, astronomical photography, space programs, and more. **REF. QB 14 A875**
- Penguin Dictionary of Physics** – Alphabetical definitions of terms and concepts used in every area of physics are supplemented by diagrams and an appendix of tables and symbols. **REF. QC 5 P46**
- Q is for Quantum: An Encyclopedia of Particle Physics** – These alphabetically arranged definitions are supplemented by cross-references, b&w photos, diagrams, a bibliography, and timelines. **REF. QC 793.2 G747**
- Tables of Physical and Chemical Constants** - Contains tables on everything from radioactive elements and properties of organic and inorganic compounds to chemical thermodynamics and acoustics. Index at the end. **REF. QC 61 K3**
- Universal Book of Astronomy: From the Andromeda Galaxy to the Zone of Avoidance** – B&w photos, tables, and star maps enhance the short entries. A category index is at the end. **QB 14 D37**
- Weather Almanac** - "A reference guide to weather, climate, and air quality in the United States and its key cities, comprising statistics, principles, and terminology. Provides weather/health information and safety rules for environmental hazards associated with storms, weather extremes, earthquakes, and volcanoes. Also includes world climatological highlights and special features on weather, climate, and society and on ozone in the upper atmosphere." Maps, charts, tables, and graphs included. **REF. QC 983 W38**
- There are MANY more materials dealing with PHYSICS in our library (see **GENERAL SCIENCE** handout). Do not forget to check in resources that may not seem directly related and in general reference sources such as **SANDY PAC, PROQUEST, and EBSCOHOST.**

For web sites, see **SOME WEB SITES RELATED TO THE PHYSICAL SCIENCES** handout

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