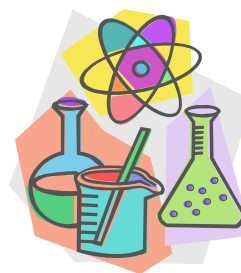




***SOME OF THE MATERIALS ON CHEMISTRY
AVAILABLE AT THE MESA COLLEGE LIBRARY***



Chemical Synonyms & Trade Names - Provides definition, names and synonyms, and an index of manufacturers. **REF. TP 9 G28**

Comprehensive Organic Transformations - Provides information on methodology for the synthesis of major organic functional groups. Covers reactions and reagents, chemical formulas, diagrams and some general references. Detailed table of contents and literature and chemical abbreviations are at the front. Transformation index at the back. **REF. QD 262 L355**

Concise Dictionary of Chemistry - Alphabetically arranged definitions provided for terms in all branches of Chemistry. Diagrams supplement many entries. **REF. QD 5 C456**

Concise Encyclopedia of Chemical Technology - Single volume covering chemicals used in industry. Tables, charts, graphs, and diagrams are provided. A listing of conversion factors, abbreviations, and symbols is at the front. An index is at the back. **REF. TP 9 K54**

Condensed Chemical Dictionary - Terms dealing with chemistry and the chemical industry are defined alphabetically, many in some detail. **REF. QD 5 C5**

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**

Encyclopedia of Chemical Reactions - 8 volumes - Under each alphabetically arranged element are formulas for, and results of, chemical reactions between that element and a variety of others in inorganic chemistry. At the end of each volume are indexes to the reagents and the substances obtained. **REF. QD 155 J3**

Encyclopedia of Chemistry - Detailed, alphabetically arranged, one-volume compendium of chemical terms augmented by diagrams, tables, and (for many) short bibliographies. Index at the end refers to terms found within the volume but do not have their own article. **REF. QD 5 E58**

Facts on File Dictionary of Chemistry - Definitions of terms, materials, techniques, etc. Some illustrations. Appendices on the elements, the Greek alphabet, physical constants, elementary particles, and the Periodic Table are at the end. **REF. QD 5 F33**

Guide to the Elements - The 114 elements on the Periodic Table are arranged by atomic number. Each element is

described in terms of its properties, uses, and isotopes (if it has any). Illustrations, a glossary, a chronology, a bibliography, and an index enhance the volume. **REF. QD 466 S78**

Hazardous Chemicals Desk Reference - Alphabetically arranged by compound name. Gives synonyms, properties, dangerous properties. Survey articles and a key to abbreviations are at the front. An "Alphabetical Synonym Cross-Reference" is at the back. **REF. T 55.3 H3 S33**

Lange's Handbook of Chemistry - Standard reference containing tables and diagrams on such areas as atomic and molecular structure, physical and thermodynamic properties, spectroscopy, electrochemistry, and organic and inorganic chemistry. Subject index at the end of the volume provides information access. **REF. QD 65 L36**

Macmillan Encyclopedia of Chemistry - 4 vols.- People, words, concepts, and ideas are covered, with diagrams and tables as needed. Common abbreviations and symbols and the Periodic Table are at the beginning of vol. 1. List of Nobel Prize in Chemistry winners and index at end of vol. 4. **REF. QD 4 M33**

Materials Handbook - Provides the "composition, methods of production, major properties and characteristics, uses, and commercial designations or trade names of some 13,000 substances. Materials described include chemicals, metals, minerals, fuels, plastics and rubbers, ceramics, textiles, finishes, woods, pharmaceuticals, industrial substances, foodstuffs, and natural plant materials." **REF. TA 403 B75**

Merck Index: An Encyclopedia of Chemicals, Drugs, and Biologicals - Alphabetically arranged listing providing diagrams of chemical structure, formulas, and other information. Explanatory notes, abbreviations and selected definitions at the front. A wide variety of tables; indexes by therapeutic category, biological activity, and formula are at the back. **REF. RS 51 M4**

Reagent Chemicals & Standards - Explanatory notes followed by alphabetically arranged descriptions of the properties of a variety of chemicals and how to determine them. Several tables relating to the body of the book and an index complete the volume. **REF. QD 77 R63**

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**

Van Nostrand's Encyclopedia of Chemistry - Alphabetically arranged entries cover all aspects of Chemistry, from the introductory to the technical. Maps, diagrams, formulas, table, and short bibliographies supplement the entries, a Periodic Table of the Elements in the front, and an index at the back complete the volume. **REF. QD 4 V36**

There are MANY more materials dealing with CHEMISTRY 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 READERS' GUIDE TO PERIODICAL LITERATURE - OR ASK A LIBRARIAN.