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Instructional Aid on Chromatography Available

and life comes from the sun. Energy stored or created in the earth's interior provides the power for the dynamics of the solid earth.

2. Man as a biologic being is part of a dynamic ecological system embracing all living things.

3. Man as a rational being is capable of cooperating with and utilizing the dynamics of nature to produce an abundance of the necessities for life as well as of the amenities for living. But increases in human population have provided continuous crises in the effective adaption of man to his environment. Understanding of nature and of man can provide the critical capabilities to meet critical problems.

4. Man as a social being finds it necessary to devise systems of individual, social, economic, and political behavior. These, too, are dynamic and subject to change with time.

General education must supplement specialized or professional education in order to give the student the ability and desire to engage in a lifetime of self-directed learning after formal schooling is completed. It should prepare individuals to search for new knowledge about how to maintain effective cooperation between man and his environment and for new ways of applying that knowledge. The student should also be made ready to accept individual responsibility for the development of improved social, political, and economic systems to meet the changing needs of society.

Instructional Aid on Chromatography Available

"How to Use Chromatography as a Science Teaching Aid," by Frank M. Ganis, Chairman, Department of Biochemistry, School of Dentistry, University of Maryland, Baltimore, outlines five procedures to separate mixtures of chemical substances. Each method stresses a new aspect of chromatography, progressing from simple to more complex techniques.

The wide use of chromatography to detect substances in foods, drugs, as well as constituents of blood and other body functions, make teaching the processes especially relevant.

The five methods described by Dr. Ganis bypass the necessity for costly commercial chromatography equipment, utilizing readily available equipment that can be carried out in the classroom or the laboratory.

"How to Use Chromatography as a Science Teaching Aid" is available from NSTA for 35 cents. A discount of 10 per cent is applicable on requests for more than one copy to ten. With an order of ten or more copies of either publication, a 20 per cent discount applies. Payment should accompany orders for $2 or less.