

RESOURCES FOR TEACHING MIDDLE SCHOOL SCIENCE

PHYSICAL SCIENCE

Chapter 1 PHYSICAL SCIENCE

About the Annotations in "Physical Science"

Entry Numbers

Curriculum materials are arranged alphabetically by title in each category (Core Materials, Supplementary Units, and Science Activity Books) in chapters 1 through 5 of this guide.

Each curriculum annotation has a two-part entry number: the chapter number is given before the period; the number after the period locates the entry within that chapter. For example, the first entry number in chapter 1 is 1.1; the second entry in chapter 2 is 2.2; and so on.

The entry numbers within each curriculum chapter run consecutively through Core Materials, Supplementary Units, and Science Activity Books.

Order of Bibliographic Information

Following is the arrangement of the facts of publication in the annotations in this section:

- **Title of publication**
- **Number of edition**, if applicable

TITLE
LIST

Use the button above to access the hypertextually-linked chapter-specific *Title List*, the buttons below to switch to a different chapter, or the buttons at the bottom to use any of the other indexes listed.

LIFE SCIENCE

ENVIRONMENTAL
SCIENCE

EARTH SCIENCE

MULTIDISCIPLINARY AND
APPLIED SCIENCE

SOURCES OF INFORMATION
ON EDUCATIONAL SOFTWARE

BOOKS ON
TEACHING SCIENCE

SCIENCE BOOK LISTS
AND RESOURCE GUIDES

PERIODICALS

MUSEUMS AND OTHER
PLACES TO VISIT

PROFESSIONAL ASSOCIATIONS
& GOVT ORGANIZATIONS

PUBLISHERS
AND SUPPLIERS

- **Authors** (an individual author or authors, an institutional author, or a project or program name under which the material was developed)
- **Series title**
- **Series developer**, if applicable
- **Place of publication, publisher, and date of publication**

Recommended Grade Level

The grade level for each piece of material was recommended by teacher evaluators during the development of this guide. In some instances, the recommended grade level may differ slightly from the publisher's advertised level.

Key to Content Standards: 5-8

The key lists the content standards for grades 5-8 from the *National Science Education Standards* (NSES) that are addressed in depth by the item. A key is provided for core materials and supplementary units. (*See* appendix C.)

Price and Acquisition Information

Ordering information appears at the end of each entry. Included are--

- **Prices** (of teacher's guides, student books, lab manuals, and kits or units)
- **Publisher/supplier** (The name of a principal publisher/supplier, although not necessarily the sole source, for the items listed in the price category. Appendix A, "Publishers and Suppliers," provides the address, phone and fax numbers, and electronic ordering information, where available, for each publisher and supplier.)
- **Materials** (various sources from which one might obtain the required materials)

Readers must contact publishers/suppliers

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CURRICULUM PROJECTS

SUBJECT INDEX

INDEX OF TOPICS IN
CURRICULUM MATERIALS

INDEX OF CONTENT STANDARDS
ADDRESSED IN MATERIALS

INDEX OF GRADE LEVELS OF
CURRICULUM MATERIALS

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INDEX OF ANCILLARY RESOURCES
PLACES TO VISIT/ORGANIZATIONS

for complete and up-to-date listings of the program resources and support materials available for a particular unit. Depending on the developer, these items may be required, optional, or both; they may be offered individually and/or in kits, packages, or boxes. Materials may change with revised editions. The prices given in this chapter for selected resources or materials are based on information from the publishers and suppliers but are not meant to represent the full range of ordering options.

Indexes of Curriculum Materials

The multiple indexes on pp. 449-78 allow easy access to the information in this guide. Various aspects of the curriculum materials--including titles, topics addressed in each unit, grade levels, and standards addressed--are the focus of seven separate indexes. For example, titles and entry numbers are listed in the "Title Index" on pp. 450-54. The "Index of Authors, Series, and Curriculum Projects," on pp. 455-57, provides entry numbers of any annotated titles in a particular series.

Overviews of Core and Supplementary Programs

Appendix D, "Overviews of Core and Supplementary Programs with Titles Annotated in This Guide," on pp. 441-48, lists, by program or series, the individual titles annotated in the sections "Core Materials" and "Supplementary Units" in the five curriculum chapters.

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