

science news

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Interactions of 200-GeV protons at NAL

The strange
new world of
ultrahigh-energy physics



Science is a subject that students grasp better when they can get their hands on it.

This new program is totally devoted to putting science into your students' hands. There are no books.

The students—working in pairs—are on their own, engaged in fascinating and meaningful investigations of three major scientific areas: physical science, biological science, and earth science.

The instructional objectives for each activity are stated clearly, in performance terms, so that the students always know what is expected of them. And the teacher's materials make it easy for you to accurately evaluate each student's progress.

"Exploring Your Environment," EYE, is a complete science program for grades 6-9.

It is divided into six self-contained modules: Experimenting with Living Plants, Investigating Life Processes, Measuring Forces and Reactions, Examining the Earth's Crust, Discovering Changes in Matter, and Observing the Invisible World.

The EYE modules are ungraded and non-sequential.

Each module is designed as a one-semester program with the components structured to provide a flexible Learning System for individualized or small group instruction.

For more information, write:
American Book Company,
Dept. ST-11, 300 Pike St.,
Cincinnati, Ohio 45202.

MODULES are attractively and sturdily boxed. Each module is organized into five problem areas. In each problem area, there are five experiments designed for two students working together, so that ten students can work in a single problem area at the same time.

EXPERIMENT CARDS structure and guide investigations and problem solving activities.

RESEARCH CARDS provide experiences in designing and carrying out an experiment to solve a specific problem related to the question posed by the problem area.

SKILL CARDS develop student proficiency in basic laboratory skills.

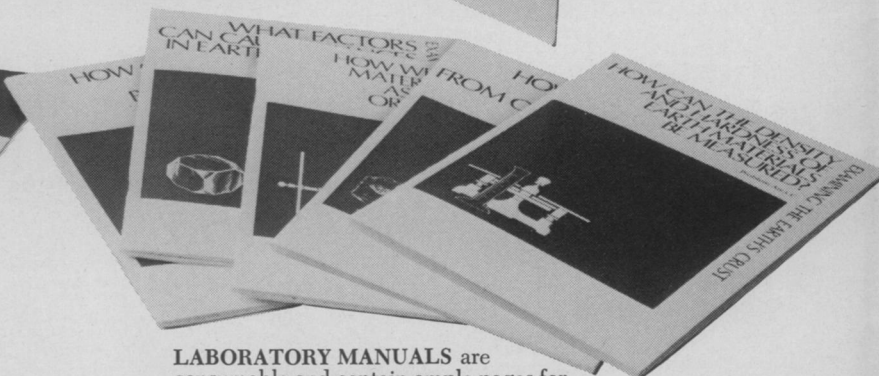
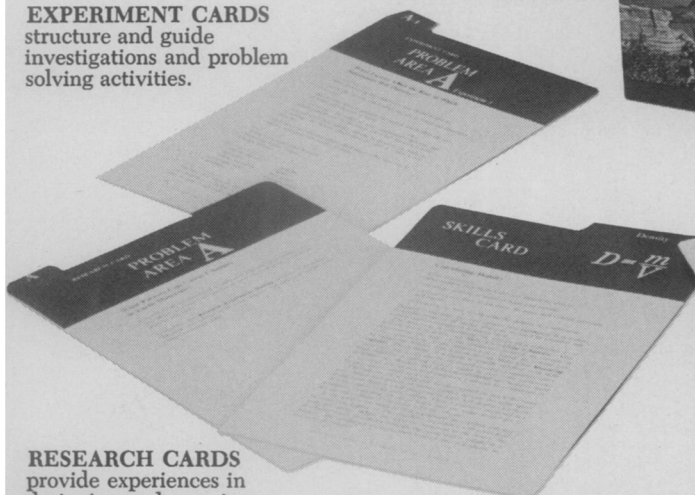
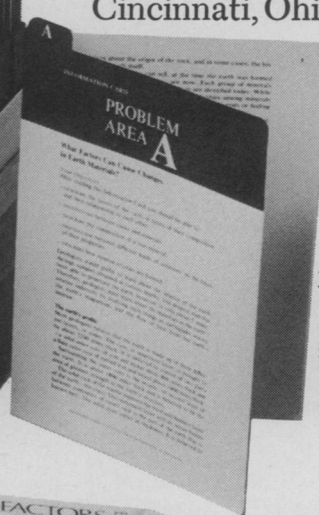
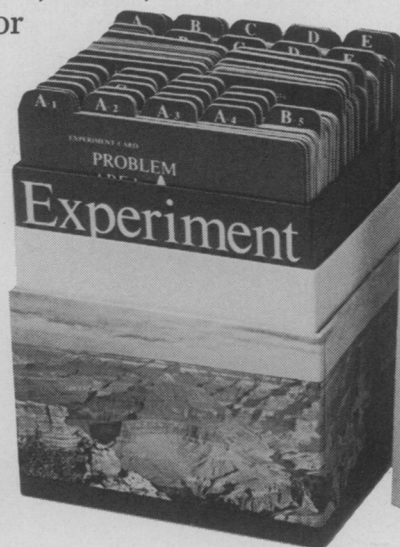
LABORATORY MANUALS are consumable and contain ample pages for recording data from investigations and for making inference reports based on this data. Other features include a "Work Flow Chart," a section on Laboratory Procedures (including safety), and a Self-Check Quiz.

INFORMATION CARDS present currently accepted scientific theory and background information related to the problem area.

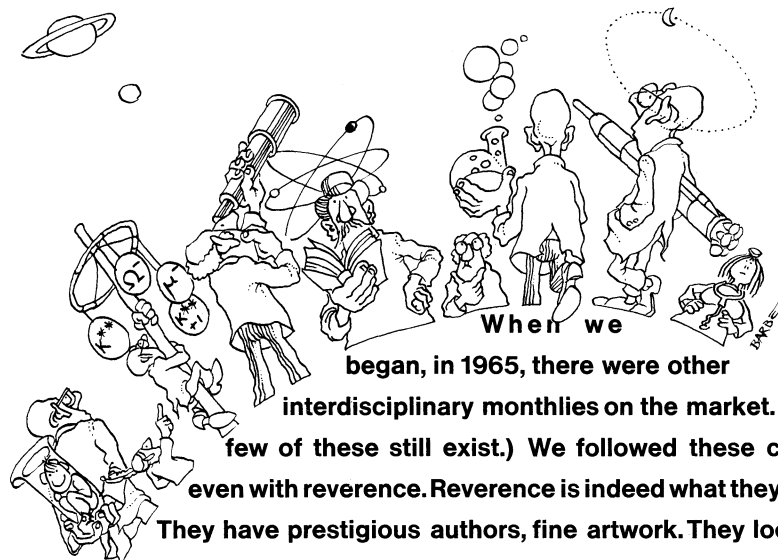
WALL CHARTS are included in some modules.

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