HERE IS YOUR TEACHER'S RESOURCE KIT FOR NATURAL SCIENCE MYSTERIES

This kit includes a CD and *Black Line Masters* for:

1. Tables of Contents for Textbooks
2. Activity Answer Keys
3. Section Quizzes (15)
4. Chapter Tests (5)
5. Quiz Answer Keys
6. Chapter Test Answer Keys

You may reproduce the *Black Line Masters* as needed for your school.

Place the CD and *Black Line Masters* in a three ring notebook for safekeeping.

Make a print copy of the *Activity Answer Keys* and place the copy in a three ring notebook for student access (if you allow students to score/grade daily activities).
Note: Be sure **to exclude** the Quizzes, Tests, and Keys from the three ring notebook which is accessed by **students**; students **should not** have access to Quizzes and Tests, or associated keys, except as assigned under supervision of a teacher for the purposes of measuring achievement.

Make a print copy of the ***WHAT* AND *HOW* STUDENTS WILL LEARN FROM THIS COURSE** and give a copy to each student enrolled in the course.

PAC recommends that you use a 1½" three-ring binder with a clear plastic outer sleeve. Place the full color cover sheet inside the front slip pocket of the three ring notebook.

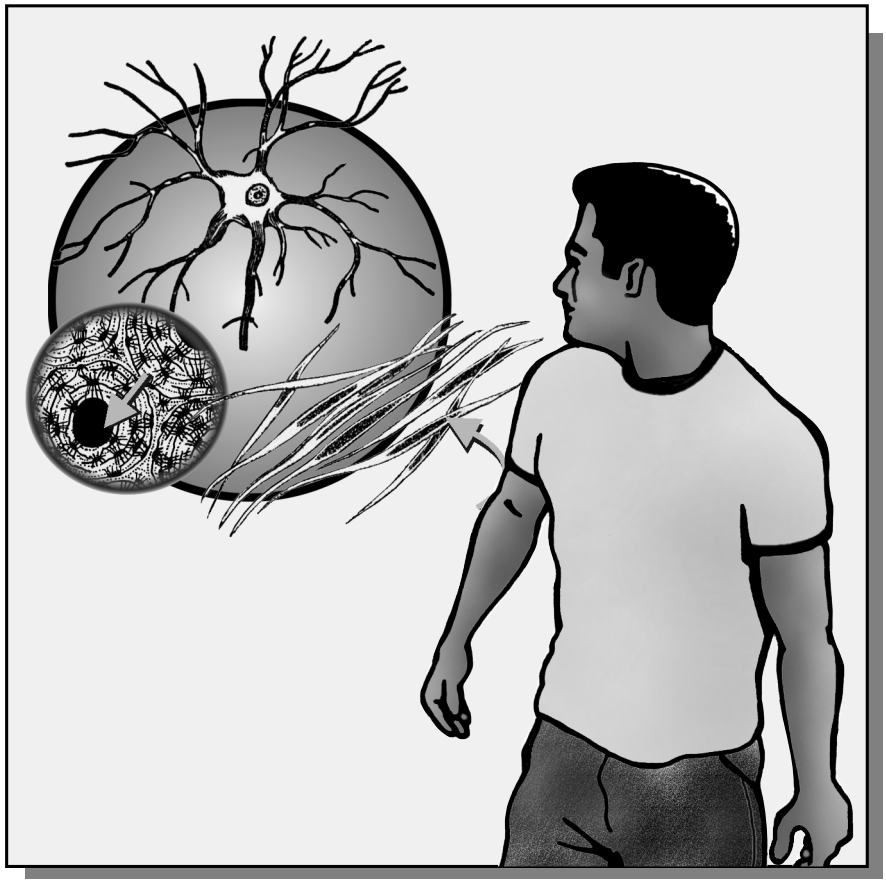
Cut out the spine label from the back sheet and place the spine label in the three ring notebook spine pocket.

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Natural Science Mysteries

Teacher's Resource Kit



Black Line Masters

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Teacher's Resource Kit

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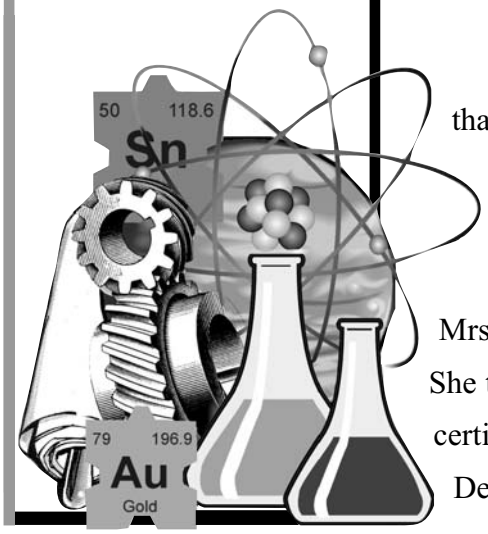
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Natural Science Mysteries
INTRODUCTION



This course is designed to introduce students to NATURAL SCIENCE. It is written in a style that will not intimidate or discourage teenagers. They are going to enjoy this course. It appeals to science scholars and scoffers.

The authors are Dennie Lindsey and John Hudson Tiner. Mrs. Lindsey is an award-winning science teacher and author. She taught science in Longview, Texas for five years. She is a certified Texas school counselor. For four years she served as Dean of Women at a College in California. Her expertise as a science teacher was recognized by Dr. Mike Moses, the former Texas Commissioner of Education, who appointed Mrs. Lindsey to the state panel to select science textbooks for Texas public schools.

Mr. Tiner an award-winning writer of more than 50 books and 800 manuscripts. He is is known throughout the United States for his excellent biographies of famous scientists like Newton, Kepler, Pasteur and Boyle. Mr. Tiner taught math and science for twelve years.

John Hudson Tiner and Dennie Lindsey approach writing as master storytellers. Both authors have reduced normally complex science concepts to understandable terms. Each lesson is presented as part of a drama that unravels a great mystery about science and adventures in the lives of teenagers. The 75 lessons in this course help students understand the scientific method and how every major scientific discovery became a foundation upon which new discoveries were made. Little by little the normally complex subject of science begins to make sense and become intriguing.

Natural Science Mysteries is a course designed to do two things:

1. persuade you that you really can "do science,"

2. introduce you to the major disciplines of science.

The activities and quizzes are prepared especially to help you work through each chapter with comfort while understanding the material. Follow the instructions carefully and you will soon discover that you can enjoy learning about science.

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WHAT AND *HOW* STUDENTS WILL LEARN FROM THIS COURSE

This course consists of 75 lessons in five chapters. The format is designed for classroom or self-study settings. Students will be able to progress through the course individually or in class groups. The secret to doing well is for students to read the entire lesson first, then complete the activity questions as they read through the text again.

Each Booklet contains one chapter. Each chapter is divided into three sections of five lessons each: (Chapter 1; Section 1; Lessons 1-5). The course is designed so students will enjoy learning learning science. Each lesson can usually be read in a few minutes. Students are encouraged to read each lesson completely, then respond to the activity questions which are packaged in a separate booklet labeled: *Activities*. Students may answer the questions directly on each activity page or answer the questions on a separate sheet of notebook paper. The teacher will inform students of local school policy.

Activity questions identified with an underlined number (*example:* 17.) will appear on quizzes and may appear on chapter tests. Questions on the Life Principles and vocabulary will be included in quizzes and chapter tests. When students turn in their activity questions, they may be required to quote the Life Principles to the teacher.

A section quiz is provided for students to complete at the end of every 5 lessons. The teacher will issue a chapter test after students complete all 15 lessons (after the third section quiz). The chapter test is compiled from the three quizzes. Students who fail the quiz may be required to work the lessons from that section again. Students who score 85% or higher on the three section quizzes may not be required to take the chapter test; this is at the discretion of the teacher.

Answers to activities, quizzes and tests are found in this *Teacher's Resource Kit.* The activities keys are divided by chapter and section number. Students may be allowed to grade their own answers to activity questions. The teacher will inform students of local school policy.

If the teacher requires additional comprehensive exams, questions may be compiled from the chapter tests of this course.

Vocabulary words are identified at the beginning of each lesson and are noted in bold, italics type within the text. Vocabulary words will appear on most quizzes.



Meet ***Max Potential***, PAC curriculum's mascot. Max is an adolescent wolf who will be hanging around to encourage your students to reach their maximum potential as they read and work through their lessons.

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