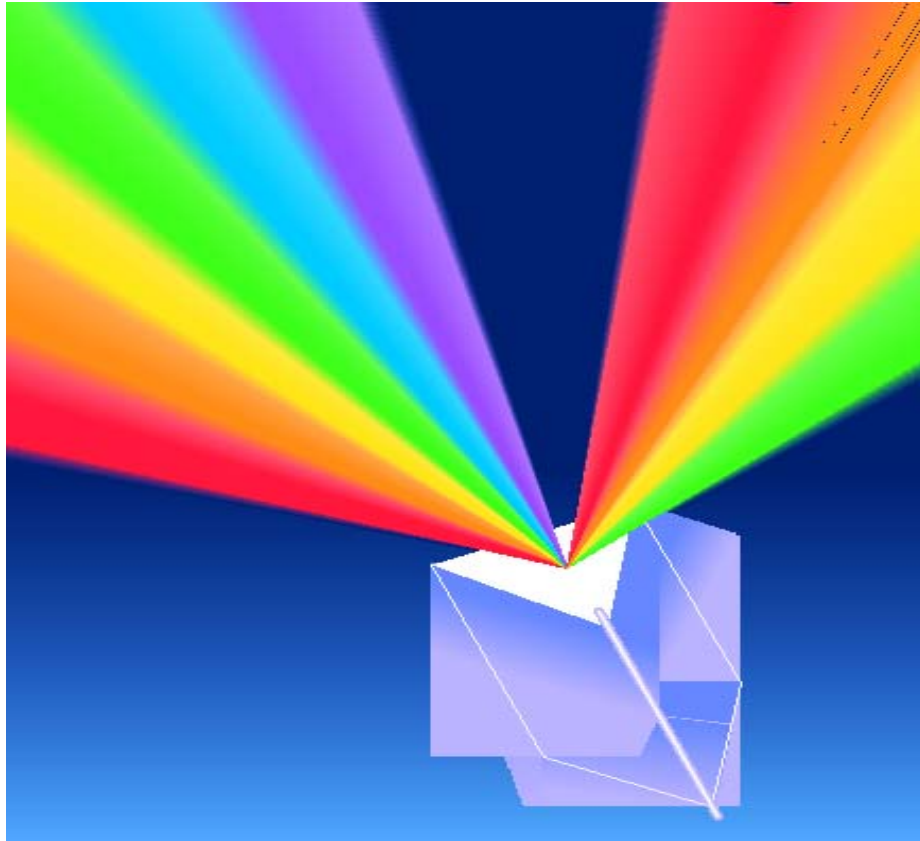


SCIENCE SELECT

3rd, 4th & 5th GRADE SCIENCE CURRICULA

Catalog

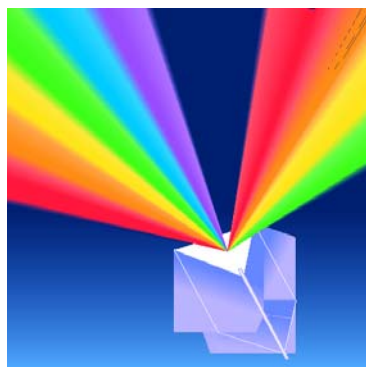


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CATALOG

PRODUCT, PRICING AND ORDERING INFORMATION

Shipping and handling: 10% of the total purchase price
for printed format; \$10 per CD

Discount: Purchase the entire set of modules and SAVE!!

Ordering:

- * Purchase Orders accepted by mail, fax or email
(See information above)
- * Private Orders accepted by mail with payment



Science Select

SCIENCE CURRICULA
FOR THIRD, FOURTH AND FIFTH GRADE TEACHERS

CATALOG

Products, Price List and Order Form

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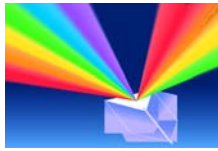
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Products Available

- a. **(#5-8)** Science Select – Fifth Grade Curriculum for Teachers – Set of 7 modules in English with daily lesson plans for the entire year, including student labs, activities, projects, reviews and assessments; includes all 5th Grade TEKS and TAKS objectives; encompasses the TEA prescribed strands of Nature of Science, Physical, Earth and Life Sciences) Available in print or CD-ROM
- b. **(#5-9)** Science Select – Fifth Grade Curriculum for Teachers: Spanish student pages for all 7 modules Available only with the purchase of the teacher lesson plans, #5-8, in print or CD-ROM
- c. **(#4-10)** Science Select – Fourth Grade Curriculum for Teachers – Set of 8 modules in English with daily lesson plans for the entire year including student labs, activities, projects, reviews and assessments; based on 4th grade TEKS and TAKS objectives; encompasses the TEA prescribed strands of Nature of Science, Physical, Earth and Life Sciences; available in print or CD-ROM
- d. **(#3-11)** Science Select – Third Grade Curriculum for Teachers – Set of 7 modules in English with daily lesson plans for the entire year including student labs, activities, projects, reviews and assessments; based on 3rd grade TEKS and TAKS objectives; encompasses the TEA prescribed strands of Nature of Science, Physical, Earth and Life Sciences; available in print or CD-ROM
- e. **(#5-1 through #5-7)** - Individual 5th Grade modules, sold separately, are listed and described on the following pages with code #'s and prices.
- f. **(#4-1 through #4-8)** – Individual 4th Grade modules, sold separately, are listed and described on the following pages with code #'s and prices.
- g. **(#3-1 through #3-7)** – Individual 3rd Grade modules, sold separately, are listed and described on the following pages with code #'s and prices.

Educational Consulting – Consulting services and workshops available



Science Select

2009-2010 PRICE LIST

(Subject to Change)

Modules in CD Format (Adobe Reader, 5.0 or higher, PDF format)

1. 5th Grade – Set of 7 modules in English (Single User) \$400
2. 5th Grade – Spanish Version of student activity pages for all 7 modules
Sold only to accompany Teacher Version (Single User) \$250
3. 4th Grade – Set of 8 modules in English (Single User) \$400
4. 3rd Grade – Set of 7 modules in English (Single User) \$400
5. 3rd, 4th & 5th Grades – Single modules can be purchased for \$65 per module (Single User)
6. Shipping and Handling - \$10.00 per CD

Modules in Printed Format

1. 5th Grade – Set of 7 modules in two 3-ring binders (Single User) \$450
2. 5th Grade – Spanish Version of student activity pages for all 7 modules
Sold only to accompany Teacher Version (Single User) \$300
3. 4th Grade – Set of 8 modules in two 3-ring binders (Single User) \$450
4. 3rd Grade – Set of 7 modules in two 3-ring binders (Single User) \$450
5. 3rd, 4th & 5th Grade – Single modules can be purchased for \$70 per module (Single User)
6. Shipping and Handling – 10% of total purchase price

Consulting Services

The cost of workshops for a full day is \$1000, plus travel, hotel, meals and \$5 per teacher for materials.



Science Select

<u>Order Code</u>		<u>Pricing CD/Print</u>
<u>FIFTH GRADE MODULE TITLES AND DESCRIPTIONS</u>		
#5-8	<u>FIFTH GRADE SET OF 7 MODULES</u>	\$400/\$450
#5-9	Spanish Student Pages (sold only with Eng. teacher pages)	\$250/\$300
	7 Modules: Daily lessons for the entire year based on Science TEKS and TAKS objectives; reviews 2 nd -4 th Grade TAKS objectives; student labs, activities, projects, reviews and assessments included in each module	
#5.1	<u>INTRODUCTORY (Nature of Science and Physical Science)</u>	\$65/\$70
	10 DAYS	
#5.1-S	Spanish student pages (sold only with Eng. teacher pages)	\$40/\$50
	This module introduces fifth grade science students to classroom and laboratory procedures, methods and techniques that will be followed throughout the year. The lessons in this module are also designed to help establish cooperative group behaviors in a laboratory setting.	
#5.2	<u>MATTER (Physical Science A) 17 DAYS</u>	\$65/\$70
#5.2-S	Spanish student pages (sold only with Eng. teacher pages)	\$40/\$50
	The focus of this module is to incorporate the concepts and vocabulary of matter through a combination of theory and hands-on laboratory investigations. Students will become familiar with the properties and behaviors of matter in various states. They will explore the critical attributes of mixtures and solutions and investigate constants such as melting, boiling and freezing points.	
#5.3	<u>ENERGY (Physical Science B) 25 DAYS</u>	\$65/\$70
	Spanish student pages (sold only with Eng. teacher pages)	\$40/\$50
	The energy module is divided into two parts lasting twenty-five days. The first part focuses on energy, in general, and on electricity and magnetism, in particular. The second part explores light, sound, thermal and alternate energy. Combining hands-on investigations and theory, the lessons in this module help promote an understanding of the characteristics of the different types of energy. Students also learn that while energy constantly changes from one form to another, no energy is lost or gained in the process.	



Science Select

<u>Order Code</u>	<u>Pricing CD/Print</u>
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FIFTH GRADE MODULE TITLES AND DESCRIPTIONS

#5.4	<u>EARTH AND ITS RESOURCES (Earth Science A)</u>	\$65/\$70
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28 DAYS

#5.4-S	Spanish student pages (sold only with Eng. teacher pages)	\$40/\$50
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This module introduces the concepts and vocabulary relating to the formation of the Earth's resources and factors that cause change to the Earth over time. The module contains activities and laboratory investigations to help students learn about the identification, formation, classification, location, recovery and conservation of natural resources.

#5.5	<u>EARTH, MOON, CYCLES AND SYSTEMS (Earth Science B)</u>	\$65/\$70
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25 DAYS

#5.5-S	#5.4-S Spanish student pages (sold only with Eng. teacher pages)	\$40/\$50
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In this twenty-five day module, cooperative groups will use models and complete activities that help them understand that systems are a collection of cycles, structures and processes that interact. They will concentrate on the Earth and moon system, review the solar system, and identify gravity and inertia as the forces that keep the planets and moons in orbit. Students will investigate and identify events and changes that take place on a regular basis such as, in daily, weekly, lunar and seasonal cycles. They will also examine the processes that happen during the water, carbon and nitrogen cycles.

#5.6	<u>INTERACTION OF LIVING THINGS (Life Science A)</u>	\$65/\$70
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26 DAYS

#5.6-S	Spanish student pages (sold only with Eng. teacher pages)	\$40/\$50
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Lessons in this twenty-six day module include the identification and critical attributes of ecosystems and Earth biomes. These lessons explore relationships between organisms in a habitat and look at specific adaptations that help these organisms compete and survive. They compare behaviors that are a result of instinct (heredity) with those that are learned. Activities and laboratory investigations help students learn about the effects of living (biotic) and nonliving (abiotic) limiting factors on the ability of plants and animals to carry on life processes in an ecosystem.



Science Select

**Order
Code**

**Pricing
CD/Print**

FIFTH GRADE MODULE TITLES AND DESCRIPTIONS

#5.7	<u>LIFE CYCLES, HEREDITY AND THE ENVIRONMENT</u>	\$65/\$70
	<u>(Life Science B) 32 DAYS</u>	
#5.7-S	Spanish student pages (sold only with Eng. teacher pages)	\$40/\$50

This module introduces concepts, vocabulary and comparisons relating to the structures and functions of plant parts and the life cycles of plants and animals. Cooperative groups investigate processes such as photosynthesis, transpiration, cellular respiration, pollination and germination in plants and direct development and metamorphosis in animals. Lessons explore how inherited traits are passed on from parents to offspring from one generation to the next. They also compare the role of heredity (nature) with that of the influences from the environment (nurture) in the growth and development of a person.

IDEAS FOR THE END OF THE YEAR

These are ideas for one or two day mini-lessons to finish the last week of the school year. These are included when the entire set of 7 modules are purchased.



Science Select

<u>Order Code</u>	<u>FOURTH GRADE MODULE TITLES AND DESCRIPTIONS</u>	<u>Pricing CD/Print</u>
#4-10	<u>FOURTH GRADE SET OF 8 MODULES</u>	\$400/\$450
	8 Modules: Daily lessons for the entire year based on Science TEKS and TAKS objectives; reviews 2 nd -3 rd Grade TAKS objectives; student labs, activities, projects, reviews and assessments included in each module	
#4.1	<u>INTRODUCTORY (Nature of Science and Physical Science)</u> 15 DAYS	\$65/\$70
	This module introduces fourth grade science students to classroom, laboratory and safety procedures, methods and techniques that will be followed throughout the year. The lessons in this fifteen-day module are designed to help establish cooperative group behaviors in a laboratory setting, become familiar with basic science equipment and apply the scientific process skills.	
#4.2	<u>WEATHER (Earth, Physical and Nature of Science Strands)</u> 18 DAYS	\$65/\$70
	The weather module focuses on concepts and vocabulary related to the study of weather. Lessons in this eighteen-day module explore the relationship between the energy that comes from the sun and the resulting weather on Earth. Students will investigate the atmosphere, the causes of weather, the creation of winds, how temperature affects weather and how weather affects the land and the oceans. The relationship between weather and climate is also investigated, as well as the advancements and contributions of scientists in the field of Meteorology.	
#4.3	<u>OCEANS (Earth, Physical and Nature of Science Strands)</u> 19 DAYS	\$65/\$70
	The oceans module focuses on concepts and vocabulary related to the study of oceans and its affect on the land and people. Lessons in this nineteen-day module explore the relationship between the energy that comes from the sun and the cycles that occur in the ocean system. Lessons will also examine the relationships between the ocean and weather systems, between the moon's gravity and tides and between salinity and ocean density. Students will become aware of how the research and discoveries of oceanographers have contributed to the environment and society.	



Science Select

**Order
Code**

**Pricing
CD/Print**

THIRD GRADE MODULE TITLES AND DESCRIPTIONS

#3-11 THIRD GRADE SET OF 7 MODULES \$400/\$450

7 Modules: Daily lessons for the entire year based on Science TEKS and TAKS objectives; reviews 2nd Grade TAKS objectives; student labs, activities, projects, reviews and assessments included in each module

**#3.1 INTRODUCTORY (Nature of Science and Physical Science) \$65/\$70
17 DAYS**

The Introductory module introduces third grade science students to classroom and laboratory procedures, strategies and techniques that will be followed throughout the year. TEKS requirements on lab safety, environmental concern, and proper scientific equipment usage are also included. The lessons in this module are designed to help establish cooperative group behaviors in a laboratory setting. These behaviors will provide students with tools to become more proficient in solving scientific problems through a systematic approach. They will set the stage that allows students to follow scientific processes in a clear and concise format that encourages critical thinking, problem solving and time management. This design will give teachers a tool to objectively evaluate their students' ability to follow scientific behaviors and procedures throughout the year.

**#3.2 MATTER (Physical and Nature of Science Strands) \$65/\$70
21 DAYS**

The lessons in this module use models and laboratory investigations to introduce 3rd grade science students to the concepts and vocabulary relating to matter. Students explore concepts, such as, how the addition and subtraction of heat cause changes in the states of matter, how matter is identified and described by its physical properties and how important these physical properties become when scientists design new products. Students explore the concept of density by discovering the relationship between mass and volume. They investigate behaviors of matter such as buoyancy, solubility, the ability to attract magnets and conduct electric current through a simple system. As an additional focus, students are introduced to a comparison of physical and chemical changes. Through investigation students are able to observe results, recognize predictable patterns, hypothesize and draw conclusions based on evidence.



Science Select

Order Code

Pricing CD/Print

THIRD GRADE MODULE TITLES AND DESCRIPTIONS

**#3.5 EARTH MATERIALS & RESOURCES \$65/\$70
(Earth, Physical, Life and Nature of Science Strands) 35 DAYS**

Lessons focus on cycles and patterns within our Earth's land system, as well as, the identification, classification and importance of Earth's natural resources. Students explore processes involved in the rock cycle, and the importance of rocks and minerals in our world. Soil, one of most important natural resources, is investigated. Soil formation, composition, characteristics and conservation techniques are examined. Students classify natural resources as nonrenewable, renewable and inexhaustible while learning the importance of reducing, reusing and recycling these precious resources. Hands-on investigations using the scientific method and simulations of Earth processes, along with theory and guided discussion, help solidify abstract concepts about processes and changes that occur slowly over time.

**#3.6 EARTH & SPACE \$65/\$70
(Earth, Physical, and Nature of Science Strands) 16 DAYS**

Lessons introduce 3rd grade science students to the concepts and vocabulary related to the study of our Earth-Moon System as it moves through space in our Solar System in relation to the Sun and other planets. Planets are examined as to their position, relative size, and relative distances from the Sun and each other. Lessons focus on the characteristics of the Sun as a star and its importance to life on Earth. Students discover how light and heat energy from the Sun affects the water cycle, wind, weather, and photosynthesis. The concepts of rotation, revolution, orbit and gravity are also explored. Students become aware of cycles within the solar system and recognize predictable patterns.

**#3.7 LIFE: PLANTS AND ANIMALS (Life, Physical, Earth and \$65/70
Nature of Science Strands) 25 DAYS**

The lessons in this module focus on the characteristics and adaptations of plants and animals that allow them to live and reproduce in an environment. Students become familiar with the differences between inherited characteristics and learned behaviors. The relationship between living things and their environments are explored, as well as, the effects of altering existing ecosystems. Students examine how the energy from the Sun affects systems and cycles on Earth, including the water cycle, photosynthesis and the food chain.



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Module Order Form

Bill to (Please print clearly)	Ship To (Please print clearly)
Name:	Name:
School:	School:
Address:	Address:
City:	City:
State: Zip:	State: Zip:
Phone: ()	Phone: ()
Email:	Email:

Module #	Module Name	Qty. (# of Users)	Price	Total Price

*If no district purchase order is used, a tax exempt number is required. Individual tax rate is \$.0825

Module Total _____

Shipping & Handling _____

***Tax** _____

Total _____

Make check payable to **Science Select**.

_____ Enclosed is my check or money order in U.S. funds.

_____ Enclosed is my purchase order. # _____

Authorized Signature _____ Title _____