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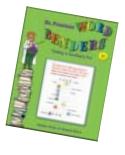
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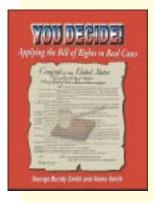
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Social Studies Science

Gr. 6-12+



YOU DECIDE!

Applying the Bill of Rights to Real Cases

Casts students in the role of judge to rule on 75 actual U.S. Supreme Court cases!

Objectives

Court is in session. The honorable "judges," your students, will be asked

to decide cases based on the first eight Amendments to the Constitution. Students will sharpen their critical thinking skills and their legal and historical knowledge as they analyze the Amendments, discover their origins, and rule on actual cases presented before the U.S. Supreme Court.

Methods

Each unit explores

- the language and meaning of an Amendment
- the history of the Amendment
- how the Amendment was applied in various cases
- classic and contemporary cases that students must decide based on their knowledge of the Bill of Rights

Instruction/Answer Guide

Includes objectives, suggestions, graphic organizers to keep track of facts in each case, and the Supreme Court decisions. Because the student book does not contain the court decisions, use of the Guide is essential.

#TBK9301 37 reproducible activities #TBK9302 Instruction/Answer Guide \$14.99

"This has allowed us to put real meat on the bones of our study of government. Every week we find news events that provoke thoughtful discussion based on what we have learned through the texts. My students now know how the actions of a court 3,000 miles away could actually affect their daily lives."

—David, Olympia, WA

"I thought this book was so exceptional that I recommended it to our headmaster. I believe that all children need a better understanding of the laws that affect their lives."—Juanita, Lake Worth, FL

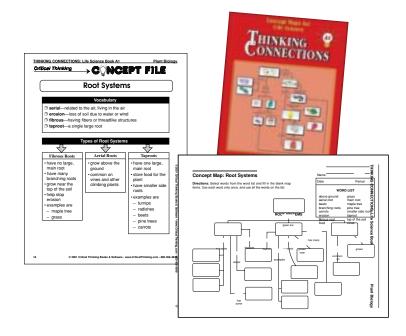
YOU DECIDE! CONTENTS

The Amendments are presented in five units that follow the same easy-to-teach format

- You Be the Judge
- What Does the Amendment Say?
- · What Does the Amendment Mean?
- Analyzing Some Past Decisions of the Supreme Court
- What Are the Origins of the Amendment?
- Let's Review Some Steps in the Making of the Amendment
- The Amendment Today
- Judge for Yourself

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Gr. 4-12 • Choose from 2 Levels



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THINKING CONNECTIONS

Concept Maps for Life Science

Helps students classify and apply life science concepts.

Objectives

Students evaluate and classify life science information to complete concept maps, helping them learn science content, develop science vocabulary, and demonstrate that they've grasped key concepts.

Methods

Students are provided with concept information for each map. They must carefully analyze and synthesize this information to piece together the concept connections. Each lesson includes hints, starting points, and an easier and harder map for students of varying abilities (tiered lessons).

Teaching Support

Easy-to-use suggestions and answers make these activities simple and effective to teach. No previous experience with concept maps is needed.

#TBK5102 Book A1 Gr. 4-6 \$23.99 84 reproducible activities #TBK5101 Book B1 Gr. 7–12 \$23.99 *70 reproducible activities*

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"A remarkable resource and an enormous help in putting the life sciences in perspective."—Christine, La Mirada, CA

Book A1

Book B1 Animal Biology

THINKING CONNECTIONS

CONTENTS

- Plants
- Cells
- Human Body
- Humans Animals
- Environment
- **Plants**



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science standards. Prepares your students for more advanced science courses and new assessments that measure reasoning, reading comprehension, and writing in science.

Methods

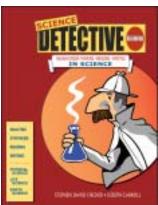
> Students read a short lesson that includes a variety of charts, tables, and graphs. Next they answer critical thinking questions to improve their understanding of the lesson and develop their inferential and deductive thinking skills. Students can't just scan the lesson for answers they must carefully analyze and synthesize the written information, charts, tables, and graphs to explain and support their answers.

Teaching Support

Includes teacher and student introductions, a lesson explaining the concept of evidence, a chart of Topics and Key Ideas to help select activities, and detailed answers.

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40+ reproducible activities per book.



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- Sound/Hearing
- Sound/Vibrations
- · Reflection/Refraction
- Heat
- Electricity
- Magnetism

Life Science

- · Plants, Animals & the Environment
- Environments/Ecosystems
- Survival
- · Plant & Animal Cells
- Plant Structure
- · Plants, Animals & Energy
- · Animal Needs/Behavior
- · Environment & Animal Behavior
- Five Senses
- · Heredity/Life Cycle
- Nurture & Nature
- . Food Chain & Food Webs
- · Animals Alter Environments
- People Alter Environments

Earth Science

- Earth Materials
- Physical/Chemical Properties of Earth Materials
- · Uses of Earth Materials
- Soils
- Fossils
- · Objects in the Sky

• The Sun · Surface of the Earth Weather Motion of the Sun & Planets Visit teachersmarketplace.com for additional catalog downloads.

Teaches standards-based science as it Uses topics and skills drawn from state

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SCIENCE DETECTIVE Begi 26. Food Chains and Food Webs

Organism send Food Webs
Organism send Food to live. "Food
provides organisms with energy
"Organism seld if they do not get enough
energy, "Plants get energy from swilght
and use it to make their food." Animals
cannot do this. "Animals get their energy
by eating plants or other animals that
eat plants.

"When scientists talk about plants, animals, and food, they use the terms producers and consumers "Because plants make their own food, they are called food producers," Animals cannot produce their own food. "They must consume plants or or ther animals, so they are called food possessers."

"Without producers, the consumers would not live for long. "Why? "Because animals eat plants or other animals that eat plants." Aff the plants disappear, then animals would run out of food to ¹⁵In order to understand who eats who

or who eats what in an ecosystem, a special kind of diagram is used. **IT is a special kind of diagram is used. **IT is called a food chain. **To who who we vents an put in order. **A food chain is a special kind of flow charts. **Uook at the food



²⁸It can be difficult to draw pictures of animals in a food chain. ²⁹It is much easier to use their names in a flow chart. ²⁹How would you read the flow chart below? plant zebra ilion ¹¹A single food chain tells us little about how all the organisms in an ecosystem interact with each other. ¹²Me can learn more about an ecosystem by putting together a number of food chains into one diagram. ¹²Men several food chains are combined, the diagram is called a feed web. ¹²Look at the food web below and think about whe cars who.

26On the other hand, one kind of anim can eat different consumers. 27In the flow chart below, add arrows to show who eats who.

Iline.

1. Circle T if the statement is true or F if the statement is false. Then write the number of the sentence that provides the best evidence for your answer.

A. An animal can be a producer.

T F sentence

B. Only plants can be producers. C. Producers get their energy from the sun.
T F sentence D. Producers cannot survive without consumers.

T F sentence ____ What is the most likely meaning of interact as it is used in sentence 31?
 A. depend on
 B. play with diagram below. C. grow from D. move together cougar antelope Why is the sun part of a food chain? Use a complete sentence to explain. Which sentence in the lesson gives the best evidence for your answer? _____ ants © 2003 Critical Thinking Books & Software - www.CriticalThi

DIRECTIONS: Circle the letter next to the correct answer or write the answer on the

SCIENCE DETECTIVE Beginning

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Hands-On Physical Science

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These standards-based hands-on, minds-on activities help students learn core physical science principles and the scientific method of investigation.

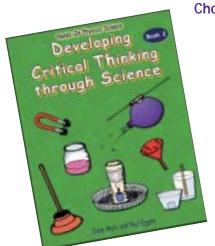
Methods

Each activity is a 10- to 30-minute teacher-guided experiment in which students are prompted to verbalize their step-by-step observations, predictions, and conclusions. Reproducible pictures or charts are included when needed, but the main focus is inquiry-based, hands-on science.

Teaching Support

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80 activities



Gr. 1–8 Choose from 2 Levels

> Meets National Science Standards

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- Forces
- Properties of Air
- Buoyancy
- Sound & Light
- Heat and Temperature

BOOK 2

- Force, Movement, Work, Systems, & Weight
- States of Matter
- · Mass, Volume, Density
- Air Pressure
- Heat, Expansion, and the Movement of Molecules
- Flight and Aerodynamics
- Surface Tension
- Bubbles
- Sound & Light
- Magnetism & Electricity

Try this sample activity with your students!

DEVELOPING CRITICAL THINKING THROUGH SCIENCE — 2 UNIT 11

ACTIVITY 52: TWO-STAGE BALLOON ROCKETS!

Date: To understand that the first stage of a two-stage rocket gives the initial throat, then the threat stage of a two-stage rocket gives the initial throat, then the threat stage of a two-stage rocket gives the initial throat, then the threat stage of the process of the stage of stage stage throat stage can be contained that the first stage of a two-stage rocket gives the initial throat, then the threat stage of the process for lock and stage persons.

2 round study balboos (about 17 initiates)

3 rockets are common paper copes for lock and cool defined, as expected of the paper cop.

1. One stage throat stage of the stage of the process of the stage of the paper cop.

2. One stage throat t

"A perfect fit with what I most want my students to learn....Even after our first lesson students were saying, 'That's not an observation. You're just giving an opinion. That's an inference and not a fact.' They were already looking at the world in a scientific way."

-Kennedy, Hyde Park, NY

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—Deb, via the Internet

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—Patricia, Wesley Chapel, FL

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Gr. 4–12+ Choose from 3 Levels

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Discovering Scientific Process through Problem Solving

Develops scientific thinking

Goals

Through mystery-based experiments and brainstorming challenges, *Sciencewise* teaches the scientific method, key science concepts, and problem-solving skills that students will use long after class is over.

Methods

- Dynamo Demos—Teacher-led demonstrations capture students' interest by revealing science mysteries. Each mystery is followed by easy-to-use discussion-based inquiry.
- Creative Challenges—Students are asked to design and create objects that meet specific design requirements. They use creative problem solving and experimentation, learning from their own explorations and the work of other students.

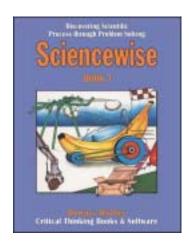
Teaching Support

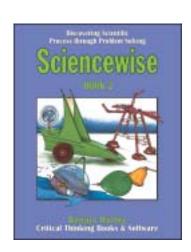
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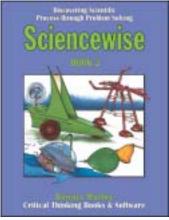
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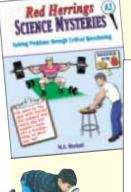
"An effective way to involve students in creative, high-interest, hands-on activities that require no special expertise or budget. Teachers can witness for themselves the skills learned in doing these activities."

—Elaine, former National Teacher of the Year

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RED HERRINGS SCIENCE MYSTERIES

Solving Problems through Critical Questioning





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Objectives

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Methods

Given a seemingly contradictory statement, students must formulate "yes/no" questions that will help them discover the answer to each mystery. Suggestions, answers, and graphic organizer sheets are included.

Gr. 4–9 Choose from 2 Levels

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