

21

Sc

44.956

Scientific Minds®

Teaching Science, Inspiring Minds

NATIONAL CATALOG



Online Learning to
POWER
Science Education

www.ScientificMinds.com



Table of Contents

SCIENCE SIDEKICKS

for Elementary 3

SCIENCE STARTERS

for Middle School 4

SCIENCE STARTERS

for Biology & Chemistry 5

PROFESSIONAL DEVELOPMENT

Chunk the Science
Standards 6

MASTERING CORE CONTENT

in Agriculture 7

FUNDING SOURCES 8



SCIENCE SIDEKICKS

Elementary

Excellent tool
for bilingual
learning!

Each Science Sidekick is based on the 5E+ learning model with engaging images, activities, assessment, and loads of academic vocabulary practice. With super power ease, teachers control instruction and intervention while students master independent learning. Elementary students revel in learning with the sidekick heroes.

All modules are powered with English and Spanish text and audio. Give all of your students the super powers they need for science success with the research-based Science Sidekicks!

Science Sidekicks are aligned to all state standards and the NGSS. Professional development is included.



Program Includes:

- Engage/Elicit page for journaling or discussion
- Explanation of core concept
- Elaborate task for vocabulary application
- Evaluation in an interactive quiz
- Explore activity
- Exit ticket task to guide learning



Student Accounts Provide:

- Online Testing
- Student Intervention Assignments

One-Year Site Subscription

Campus teacher and student accounts \$2,500

Large purchase discounts available.
To request a quote call (800) 886-8145
or go to www.ScientificMinds.com/Quote.aspx



For funding sources, see page 8
ISBN: 978-0-692-95091-3

SCIENCE STARTERS

Middle School

ELL Strategies
& Spanish
Vocabulary!

The Science Starters are a supplemental, research-based program that supports any science curriculum.

Each digital Science Starter module follows the 5E model and provides standards-focused content with interactive flashcards and quizzes. All of the Science Starters are aligned to state standards and NGSS. Middle school Science Starters provide Spanish vocabulary support and strategies for all types of learners. Professional development is included.

Program Includes:

- 120 Teacher-Guided & Video Modules
- Built-in Assessments
- Interactive Flashcards
- Journal Topics and Guided Notes
- Bonus Labs and Activities
- Professional Development

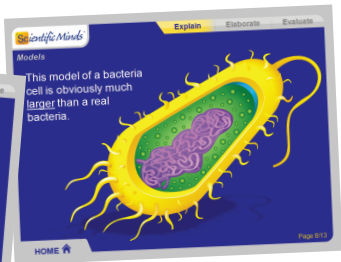
Student Accounts Provide:

- Online Testing
- Student Intervention Assignments

One-Year Site Subscription

Campus teacher and student accounts	\$2,500
-------------------------------------	---------

Large purchase discounts available.
To request a quote call (800) 886-8145
or go to www.ScientificMinds.com/Quote.aspx



For funding sources, see page 8
ISBN: 978-0-9839739-2-8

SCIENCE STARTERS

High School

ELL Strategies
& Spanish
Vocabulary

The 110 Biology Starters and 101 Chemistry Starters teach important biology and chemistry concepts and prepare students for end of course (EOC) assessments, college, and careers.

Biology and Chemistry Starters can be teacher-guided for whole-class instruction or played as a video for independent student study. Each module includes interactive vocabulary flashcards and a digital quiz. Lessons are aligned to the NGSS and state standards and are an effective tool for review, remediation, and enrichment.

Program Includes:

- 100+ Teacher-Guided & Video Modules
- Built-in Assessments
- Interactive Flashcards
- Journal Topics and Guided Notes
- Bonus Labs and Activities
- Professional Development

Student Accounts Provide:

- Online Testing
- Student Intervention Assignments

One-Year Site Subscription

Campus teacher and student accounts \$2,500

Large purchase discounts available.
To request a quote call (800) 886-8145
or go to www.ScientificMinds.com/Quote.asp

The image displays several overlapping screenshots of the Scientific Minds educational software. One screenshot shows a biology module titled 'Food Webs and Energy Flow' with a diagram of a food web and the text 'About 10% of a plant's energy is passed on to herbivores'. Another screenshot shows a chemistry module titled 'Halogens and Noble Gases' with a diagram of two glowing gas tubes. A third screenshot shows a periodic table element card for Helium (He), with the text 'Nonmetal', atomic number 2, and mass 4.0026. A fourth screenshot shows a text-based module about the uses of noble gases, mentioning Thomas Edison's vacuum bulb. The software interface includes navigation buttons like 'Home', 'Flashcards', and 'Test Me', and a 'Print Card' button on the element card.

For funding sources, see page 8
BIO ISBN: 978-0-9839739-4-2
CHEM ISBN: 978-0-9839739-5-9



Chunk the *Science* Standards

Professional Development

Chunk the Science Standards provides training in breaking down science standards into smaller "chunks" that students more easily absorb. The online, on-demand professional development comes bundled with one year of access to either the Science Sidekicks (3-5), Middle School Science Starters (6-8), Biology Starters, or Chemistry Starters. The training includes RTI and ELL strategies and provides ongoing content support. Administrators can track teacher completion and responses to PD questions.

For more information call (800) 886-8145

Elementary Modules:

1. Introduction to the PD Platform
2. Navigating your Scientific Minds Account
3. The 5E+ Model
4. Navigating the Sidekick Home Page
5. The Engage Learning Piece
6. The Explain Learning Piece
7. The Elaborate Learning Piece
8. The Evaluate Learning Piece
9. The Explore Learning Piece
10. The Exit Tickets Learning Piece
11. Supporting State Science Standards
12. Digital Assessment and Grading

Secondary Modules:

1. Introduction to the Science Starters
2. Navigating the Scientific Minds System
3. User Options
4. The 5-E Instructional Model
5. Flipped Teaching
6. Science Across the Curriculum
7. Strategies for Remediation and Intervention
8. Vocabulary Activities
9. Student Assessment
10. State Science Standards

For funding sources, see page 8

mc²

mastering core content
in agriculture

MC² (Mastering Core Content) in Agriculture focuses on STEM skills in the following areas: Animal Science, Plant Science, Soil Science, and Environmental Science. The series of engaging videos and accompanying activities and assessments is built from state standards, AFNR standards, and Career and College Readiness Standards. The program provides teachers with an easy-to-use framework for emphasizing core content, especially science and math, that can be found within the Agriculture career cluster.

Let MC² in Agriculture engage your students and help them master the science and math they need for success in high school and beyond!

Each Teacher License Includes:

- 30 Web-Based Videos
- Alignment to AFNR and State Core Subject Standards
- Student Worksheets that include:
 - Assessment Questions
 - Science, Math, Social Studies, and ELA Connections
 - Hands-On Extension Activities
 - Vocabulary Practice and SAT College Prep Vocabulary Words
- Quizzes for Assessment
- Teacher Guide and Teacher Key

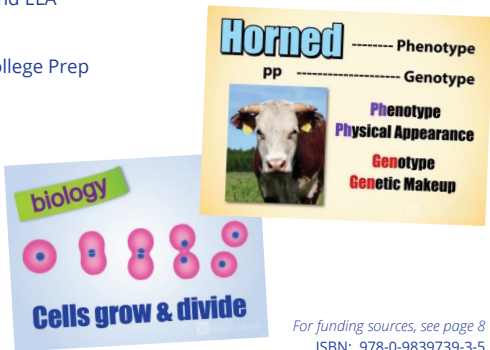
Student Accounts Provide:

- Online Testing
- Student Access to Videos, Worksheets, and MORE!

One-Year Subscription

One teacher + 25 student accounts bundle \$250

Large purchase discounts available.
To request a quote call (800) 886-8145
or go to www.ScientificMinds.com/Quote.aspx



For funding sources, see page 8
ISBN: 978-0-9839739-3-5

Funding Sources

*for Science Starters, Science Sidekicks, and
Chunk the Science Standards Professional Development*

Title I, Part A: Improving the Academic Achievement of the Disadvantaged

Funds may be used to help students meet state academic standards. Among other expenses, schools may provide supplemental materials, technology, and professional development.

Title II, Part A: Improving Teacher Quality

Funds may be used to provide professional development and ongoing content support.

Title III: Language Instruction for LEP and Immigrant Students

Funds may be used to provide professional development and curriculum, including technology and supplemental programs.

Title IV Part B: 21st Century Community Learning Centers

Funds can be used to provide before or after school opportunities for academic enrichment including providing tutorial services to help students meet state and local student performance standards in core academic subjects.

Title V Part A: Innovative Programs

Grants for innovative programs to increase student academic achievement. Includes technology and educational materials [Section 5131(a)(2)], [Section 5131(a)(3)].

Individuals with Disabilities Act (IDEA) Part B

Funds can be used to provide early intervention and to implement a response to intervention program (RTI). RTI provides supplemental instruction to support students before they are given an individualized education plan (IEP).

Enhancing Education through Technology (Ed Tech State Program)

The primary goal of this program is to improve student achievement through the use of technology in elementary and secondary schools.

Race to the Top

Race to the Top is a competitive grant that supports the following: 1) Quality Standards and Assessment; 2) Data Systems to Improve Instruction; 3) Great Teachers and Principals; and 4) Turnaround of Lowest-Achieving Schools.

Striving Readers

Funds can be used to increase the effectiveness of literacy instruction.

School Improvement Grants

Among other expenses, funds can be used for professional development to ensure that limited English proficient students acquire language skills to master academic content.

PledgeCents™

PledgeCents is an online fundraising platform for all PreK-12 needs. With its more flexible platform, teachers can raise money for needs that are not served by any other crowdfunding site. Sign up and create your fundraising page in seconds at www.pledgecents.com/signup/event/Scientific-Minds, choose the number of accounts you want, and once the funds are raised we will activate your account(s).



Call or e-mail today to schedule a demonstration

(800) 886-8145

info@scientificminds.com

An online quote request form can be found at

www.ScientificMinds.com

