Real Science-4-Kids
Inspire a New Generation!

Product Catalog

Gravitas Publications Inc. • www.realscience4kids.com
Why Choose Real Science-4-Kids?

What if your children could learn basic science facts at an early age? What if they learned the “real” scientific method of inquiry? What if they got excited about the ways in which science is a part of their everyday lives? What if science made sense to kids of every age and was just as easy for you to teach?

Gravitas Publications Inc. was founded on exactly these concepts. Our goal is to give your kids the advantage of enhanced science comprehension in high school and college by teaching them the basics of real science from the first grade forward.

Real Science-4-Kids fills the gap!

Before high school, science education typically covers only biology and earth/space with little or no chemistry and physics. Yet chemistry and physics are the foundation of all science, including biology and earth/space. How can a student understand photosynthesis without chemistry? How can a student understand planetary motion without physics? When science is taught without chemistry and physics, a gap is created. Real Science-4-Kids fills the gap and provides students with the foundation they need for learning all science disciplines.

About the Author

In 2001, Rebecca W. Keller, PhD began formalizing her teaching materials to equip non-science teachers (usually other homeschooling moms) with a curriculum that would make them feel comfortable teaching science to their children. A former research assistant professor at the University of New Mexico in Albuquerque, Dr. Keller worked in the molecular biology, chemistry, and neuroscience fields. Although she hadn’t planned to be an author, her success in engaging kids in science prompted her to launch the Real Science-4-Kids program.

Who Loves Us!

“These books are beautifully presented and well put together. They are twaddle free, logical and provide you with challenging science instruction. This curriculum will make it easy for any parent who has no scientific background or understanding to give their children and themselves a quality scientific education, preparing them for a lifelong love and understanding.”
Every Bed of Roses (2017)

“The books I received are for 1st grade (Exploring the Building Blocks of Science Book 1) and right off the bat just skimming through I was immediately impressed with the concepts they are introducing for this age group. The book covers what science is, explores the history of science and teaches the scientific method. It then moves on to teaching Chemistry, Biology, Physics, Geology and Astronomy! All in an age appropriate but not watered down way. As Dr. Keller puts it, “My strategy is to introduce the ‘real’ science concepts from the beginning at an appropriate pace for each level.”
Raising da Vinci Grade 1 Science (2016)

“I finally found the perfect middle school science curriculum...I got ahold of (Real Science-4-Kids) and knew it was perfect for the age range. This is TRUE middle school curriculum.”
Adventures In Mommydom (Dec. 2017)

Real Science-4-Kids Science Curriculum Awards!

Third Place in Middle School Science
Real Science-4-Kids!
2019 Practical Homeschooling Reader Awards

http://www.realscience4kids.com
Real Science-4-Kids offers two programs, allowing you to choose the one that best meets your students’ needs. Both programs give students a solid foundation in science. Each Student Text has a Laboratory Workbook and Teacher’s Manual to accompany it.

Each of the Focus On Elementary and Focus On Middle School books is a single subject, one semester (10 chapter), unit study covering one of the 5 core science disciplines: chemistry, biology, physics, geology, and astronomy.

The Building Blocks of Science Series is a yearlong program with a book for each grade level, grades K-8. Each student text contains 22 chapters, including 4 chapters each of chemistry, biology, physics, geology, and astronomy. This program provides an in-depth, more detailed foundation in science. Basic facts are introduced in the early grades and repeated in more detail in the upper grades.

Choose the BEST SCIENCE CURRICULUM for your kids!

**Focus Series**
- Provides a solid foundation in science
- 5 individual science subjects
- Flexible Program
- Set your own schedule

**Graded Program**
- Builds a solid science foundation
- 5 Science subjects in each book
- Structured for weekly lessons
- Organized subject matter saves time

**Exploring the Building Blocks of Science**
- Grade K: Book K
- Grade 1: Book 1
- Grade 2: Book 2
- Grade 3: Book 3
- Grade 4: Book 4
- Grade 5: Book 5
- Grade 6: Book 6
- Grade 7: Book 7
- Grade 8: Book 8*

*Book 8 is in production. Check website for availability.
About Building Blocks

With the Building Blocks curriculum your students will take a deep dive into real science concepts and terminology. Five science subjects are studied over the course of each year, allowing Building Blocks to provide an in-depth science curriculum for each grade level, K-7, with Grade 8 to be completed soon.

The Building Blocks Series is based on an upward-spiral teaching method, where key concepts in the 5 core disciplines (chemistry, biology, physics, geology, and astronomy) are introduced and built upon during the yearlong course. Each successive year builds upon what the students have learned previously, and by Book 7 students are learning high school level science.

Spiral learning is proven to lead to better long-term mastery of facts and concepts and is effective for all learners, including struggling learners. It is the first research-based recommendation in a practice guide from the U.S. Department of Education’s Institute of Educational Sciences (Pashler et al., 2007).

Bundle Options

Book Bundle
- Student Textbook (full-color)
- Laboratory Notebook
- Teacher’s Manual
- Lesson Plan (adjustable)

Study Bundle
- Student Textbook (full-color)
- Laboratory Notebook
- Teacher’s Manual
- Lesson Plan (adjustable)
- Study Notebook
- Midterms

Research Bundle
- Student Textbook (full-color)
- Laboratory Notebook
- Teacher’s Manual
- Lesson Plan (adjustable)
- Study Notebook
- Midterms
- Graphics Package
- Online Student Textbook with downloadable Laboratory Notebook and Teacher’s Manual

Individual Items
- Student Textbook
- Laboratory Notebook
- Teacher’s Manual
- Study Notebook
- Midterms
- Graphics Package
- Online Student Textbook with downloadable Laboratory Notebook and Teacher’s Manual
- Book K Activity Book

*Book 8 is in production. Check website for availability.
Focus On Series 3rd Edition

About the Focus On Program

Have your students begin their science journey with this subject-by-subject introductory science curriculum.

The Focus On Series is a semester-long unit study that encourages kids to ‘focus on’ one subject at a time. This series is offered for elementary and middle school age ranges.

The Focus On Series is based on a ‘block’ teaching method, where focused learning is condensed to a shorter block of time. It is perfect for those parents and teachers who want a solid introductory level science course and also want to sequence their own science program. The Focus On Series is also beneficial for the student with an inherent interest in one particular area of science.

Bundle Options

Book Bundle
- Student Textbook (full-color)
- Laboratory Workbook
- Teacher’s Manual
- Lesson Plan (adjustable)

Study Bundle
- Student Textbook (full-color)
- Laboratory Workbook
- Teacher’s Manual
- Lesson Plan (adjustable)
- Study Folder
- Quizzes

Individual Items
- Student Textbook
- Laboratory Workbook
- Teacher’s Manual
- Study Notebook
- Midterm Quizzes
- Graphics Package

Grades K-4

Grades 5-8

Astronomy • Biology • Chemistry • Geology • Physics
More Great Real Science-4-Kids Products!

Super Simple Science Experiments!

Each 21 Super Simple Science Experiments workbook presents the methods of scientific investigation in one-page experiments where students learn how to make good observations, build models, and evaluate data. The experiments are simple and easy to do and will help students develop the skills they need for real science inquiry. Each experiment requires minimal setup and materials. Great to use with both the Focus On Series and the Building Blocks Series.

21 Super Simple Science Experiments workbooks:
- Chemistry, Biology, Physics, Geology, and Astronomy

101 Super Simple Science Experiments—get all 5 Super Simples in one book!

Super Simple Laboratory Notebook—lined, blank, and graphed pages for recording results

GAMES!

Philosopher Quest
21 Women Scientists

Incorporate fun into science education with the Philosopher Quest and 21 Women Scientists games! Philosopher Quest has historical data about 21 ancient Greek philosophers who helped shape today’s scientific thinking. 21 Women Scientists has information and facts about 21 famous women whose ideas and discoveries were influential in advancing scientific knowledge.

Each game includes:
- 21 full-color game cards with biographical data
- 21 full-color question cards
- Game instruction card
- Collectible tin

Tess and the Mystery Rock

Make science fun and easily accessible for younger learners with this colorfully illustrated science literature storybook, which includes concepts from five science disciplines: chemistry, biology, physics, geology, and astronomy. In addition to the story of Tess’s search for answers about the mysterious rock she found, there are experiments, questions, more information about the concepts presented, and a glossary of terms used.

Tess and the Mystery Rock Field Notebook provides additional questions for students to think about, experiments, facts, and space for recording observations. These two books together form a complete unit study.
Clearance and Discontinued Items!

Focus On High School Chemistry, 2nd Edition

This one-semester introductory chemistry course gives students a solid foundation in the basic concepts of high school level chemistry. Ten chapters. The Laboratory Workbook contains ten hands-on experiments, and the Teacher’s Manual has additional material. (Lesson Plan not available)

Individual Items

- Student Textbook
- Laboratory Workbook
- Teacher’s Manual
- Quizzes

Bundle Option

Book Bundle

- Student Textbook (full-color)
- Laboratory Workbook
- Teacher’s Manual
- Quizzes

Find more great deals on the Real Science-4-Kids website!

- Older titles
- Slightly damaged items
- Overstocks

Check back often. Item selection changes frequently.

Who Loves Us!

“The student textbook is written to the student. There are bright, descriptive pictures which do an excellent job of explaining visually. Have you ever heard the phrase a picture is worth a thousand words? The student textbook lives up to this phrase. While the pictures use images, such as blocks or atoms linking arms, the text introduces scientific terminology such as microtubules, ribosomes, and reactions. Each scientific word is highlighted in red and defined.”

Classically Homeschooling (2016)

“I love this program. This is real science from an actual scientist, written in a way that is accessible to students. She doesn’t talk down to the student, and the material is fairly advanced....”

The Old Schoolhouse Building Blocks Book 7 review (April 2017)

“We have had so much fun using Real Science-4-Kids that it’s our main science homeschool curriculum this year! I love that it is a curriculum that Mr. C can do semi-independently on some days. He enjoys his text book and he can work through the lab questions on his own after we do experiments. I also love that RS4K is helping us work through learning the scientific process and applying it to different experiments and topics. I’ve always struggled with the scientific method, so having a strong curriculum takes away a lot of that stress for me.”

This Outnumbered Mama (2016)

“I was drawn to Real Science-4-Kids because they teach difficult subjects at an early age. I love that! This curriculum allows our kids to be exposed to chemistry, biology, and physics and develop a love for science.”

Faith Filled Parenting (2016)

This one-semester introductory chemistry course gives students a solid foundation in the basic concepts of high school level chemistry. Ten chapters. The Laboratory Workbook contains ten hands-on experiments, and the Teacher’s Manual has additional material. (Lesson Plan not available)
Returns / Refunds
All merchandise returned under the satisfaction guarantee must be unused and in good condition and must include all original packaging. Please package all returns securely and insure the shipment for full value. Returns made after 30 days are subject to a 10% or higher restocking fee.

Damaged Shipments
We do our best to make sure your order arrives safely, but sometimes damages do occur. If your order has been damaged in any way, please notify us via phone or email immediately. We will send a replacement as soon as possible and have you return the damaged product to us using the original packaging.

Please Allow 7-10 Business Days for Delivery
(Note: Some orders may take longer to deliver.)
If you have any questions, email us at office@gravitaspublications.com or call us. If we can’t get to your call, please leave us a message, and we will call you back as soon as possible. We do our best to answer all calls and emails within 24 hours.

100% Satisfaction guaranteed
If you are not completely satisfied with your purchase, just return it within 30 days for a refund. It’s that simple!
*Shipping not included on returns.

CO-OPs and Distributors
Contact us for discounts and bulk rates.