



"Sonlight's books are great literature, which helps Cailey in her writing projects," writes Cari T of Vacaville, CA. "Her reports have gotten more detailed and to the point – like real published books. I really think that will help her in life. Sonlight picks out the best books a child could read, and they tell true stories that kids should know about. They have offered us a complete curriculum that has expanded our knowledge while offering a Christian perspective. We love Sonlight!" Here, 10-year-old Cailey reads God's Word and works on her devotional as part of the Core E program. She is now studying Core F in her fourth year of Sonlight.

What about handwriting?

Dr. Beechick argues that once handwriting basics are mastered, usually by 3rd grade, students should practice handwriting in the process of writing. Sonlight Language Arts programs follow her advice. We offer separate handwriting materials (see p. 101) and post optional schedules online, so you have these tools when your students need them. They can refine their handwriting in Grade 4 and up through their Language Arts assignments.



Be a grammar ace
with Grammar Ace
p. 98

"Last year we added Language Arts. I love the way it integrates with the Readers!"

-Teresa M, July 2012

HELP YOUR CHILDREN BECOME EXCELLENT WRITERS

When your children were young, you taught them to speak as you spoke to them. In the same vein, children learn to write by learning from good models of writing—and trying out those models for themselves. We call this the “natural” approach to Language Arts.

Sonlight Language Arts programs flow from this principle. Each program guides your children through well-paced writing activities based on the Readers they're already enjoying in their Core program. As your children grow, these activities will guide them through writing their first sentences, simple paragraphs and stories until they're eventually writing gripping creative works and compelling scholarly papers.

Learn to write naturally—from excellent models

“Workbooks don't really teach children how to write effectively,” says Dr. Ruth Beechick, homeschool expert and author of *The Three R's* (Sonlight item KL01). Instead, students best learn to write well as they:

- **Listen** to good writing,
- **Look at** good writing,
- **Copy** good writing, and
- Then, finally, **write on their own!**

“Benjamin Franklin taught himself to write this way,” explains Dr. Beechick. He outlined essays he admired, put them aside for a few days, and later tried an original article by following his outline. “He compared his writing with the model to see where he fell short. Then he tried another, improving his writing all the while.”

With Sonlight's Language Arts, your students will practice natural learning exercises like these. And practice is the key ...

Students write a little every day.

Writing lessons come from the books your children read throughout the year. As a result, they remember and comprehend more and more.

Their creative writing lessons apply Dr. Beechick's “natural method”:

- Students practice **copywork** and **dictation** to absorb critical writing skills from the “masters.”
- They learn **writing mechanics**—from similes to diction to organization—as they build on each day's practice.
- They explore **creative writing** with tools like zany story-starter pictures and journals.
- They also **write about what they learn** in history, science and literature.
- An optional fifth day offers students a chance to **play with the written word** as they try fun exercises from puzzles to palindromes.

Watch your children's writing skills blossom!

Students encounter spelling words tied to phonics principles in Sonlight® Language Arts (LA) up through second grade. In upper elementary grades, they continue to build vocabulary with words from their books. Meanwhile, they reinforce correct spelling through the highly effective Sequential Spelling program (p. 100).

In Core D, your children make a smooth transition from the basic mechanics of writing to more in-depth independent writing.

In Cores E-G, young writers learn to do research, draft a wide variety of papers and edit their work. Writing assignments range from personal letters and stories to advertisements and news items.

In every assignment, you'll find plenty of examples to follow from the books your students read. These are the “good models” your children learn to emulate. In time, they grow from these examples and ...

Discover what makes great writing truly great.

As your students grow in understanding, they move from basic writing to analysis.

Students in middle school through high school continue to write creative papers similar to their work in Cores E-G, but at a higher level. They also analyze and write about the books they read, delving into plot, characterization, mood, setting and more.

New and experienced Sonlighters alike will find these “natural method” Language Arts programs a fresh and appealing way to learn to write well.

Sonlight® Grammar

Establish a solid foundation for effective writing with Sonlight's unique approach to grammar. Sonlight introduces key grammar “gems” gradually, in the context of your children's daily reading and writing within the Sonlight Language Arts program.

Grammar Ace

For a strong grammar foundation, we encourage students in (approximately) fourth grade to take advantage of the complete grammar program we offer in a pace-yourself course. See p. 98 to learn more about Grammar Ace.

Grammar 5 and 6

For additional grammar study, Grammar 5 and 6 build on the concepts of Grammar Ace and offer fun exercises and practice to solidify your students' grammar knowledge. See p. 98.

Need a writing coach for research papers?
See p. 98.





CORES A-C RECEIVE THE READERS WITH LANGUAGE ARTS PROGRAM OF YOUR CHOICE.

Using Cores A-C? Learn about *Readers & Language Arts* programs and optional resources here. You may also buy the appropriate level for each additional student you're teaching with the same Core. Visit sonlight.com/quick-reading-assessment to find the right level for each child.



■ Grade K Readers with Language Arts K

Ages 5 | 6 | 7

KRP \$87.20

Perfect for children ready to learn the alphabet. Introduces each letter and the primary sound(s) it makes, and gets the creative juices flowing with simple writing activities (with you as your child's scribe).

Features the Sonlight-exclusive *Fun Tales* - a sequence of 27 booklets that help kids start reading as soon as possible. The first story uses only six simple sounds; the last uses all 26 letters.

The included Instructor's Guide (IG) gives you all the tools you need: schedule, lesson plans, Activity Sheets, teaching tips and more. Just follow the guide to teach reading, phonics, spelling, copywork and creative expression. Your guide also schedules the optional workbooks below.

Head to sonlight.com/quick-reading-assessment to see if this is the right level for your child. Request a sample of the IG at sonlight.com/3-week-samples.

See p. 34 for the titles in this package. For descriptions or to order individual items, visit sonlight.com/LA-K.

Optional Resources (See p. 99)

- ☐ Sound Cards RL20 \$5.99
- ☐ Explode the Code A, B, C Consumable KL03 \$24.55
- ☐ Explode the Code A, B, C Teacher's Guide KL034 \$10.65
- ☐ Extra Activity Sheets Consumable KLG1 \$16.99

■ Grade 1 Readers with Language Arts 1

Ages 6 | 7 | 8

1RP \$157.55

Designed for children who have just begun to master three-letter short-vowel words. Helps them move to advanced short words and short chapter books. With your help, children will "write" their first short stories!

Features books written at a first grade reading level, including Dr. Seuss' unforgettable *Green Eggs and Ham* and the Sonlight-exclusive *I Can Read It!* series.

The Instructor's Guide (IG) gives you the tools you need: schedule, lesson plans, discussion questions, Activity Sheets, teaching tips and more. Just follow the guide to teach reading, phonics, spelling, copywork, creative expression and writing mechanics. Your guide also schedules the optional workbooks below.

Head to sonlight.com/quick-reading-assessment to see if this is the right level for your child. Request an IG sample at sonlight.com/3-week-samples.

See p. 38 for the titles in this package. For descriptions or to order individual items, visit sonlight.com/LA-1.

Optional Resources (See p. 99)

- ☐ Explode the Code 1, 2, 3 Consumable 1L02 \$28.20
- ☐ Extra Activity Sheets Consumable 1LG1 \$13.99

■ Grade 2 Readers with Language Arts 2

Ages 7 | 8 | 9

2RP \$127.81

Created for children who can decode most words but are still working toward proficiency in reading. Helps children learn to organize their thoughts, construct basic sentences and write simple paragraphs. You will likely serve as their scribe for writing exercises.

Features books at a second-grade reading level, including beloved stories about Amelia Bedelia and Frog and Toad. Also includes *The Beginner's Bible* - a favorite that gives kids a great sense of accomplishment.

The Instructor's Guide (IG) gives you the tools you need: schedule, lesson plans, discussion questions, Activity Sheets, teaching tips and more. Just follow the guide to teach reading, phonics, spelling, copywork, creative expression and writing mechanics. Your guide also schedules the optional workbooks below.

Head to sonlight.com/quick-reading-assessment to see if this is the right level for your child. Request an IG sample at sonlight.com/3-week-samples.

See p. 42 for the titles in this package. For descriptions or to order individual items, visit sonlight.com/LA-2.

Optional Resources (See p. 99)

- ☐ Explode the Code 4, 5, 6 2L07 \$28.20
- ☐ Wordly Wise Book A 2L10 \$10.00
- ☐ Extra Activity Sheets Consumable 2LG1 \$12.99

■ Grade 3 Readers with Language Arts 3

Ages 7 | 8 | 9

3RP \$159.71

Ideal for students who need more advanced reading practice than easy reader books provide. The unique Diamond Notes method guides you step-by-step through the process of teaching your children to write winning paragraphs.

Features books at a third-grade reading level with controlled vocabulary, multiple illustrations, compelling stories and short chapters to encourage reading. Children enjoy detective stories, thrilling historical fiction and heartwarming adventures.

The Instructor's Guide (IG) provides the tools you need: schedule, lesson plans, discussion questions, Activity Sheets, teaching tips and more. Just follow the guide to teach spelling, copywork, writing mechanics, paragraph construction and creative expression. Your guide also schedules the optional workbooks below.

Head to sonlight.com/quick-reading-assessment to see if this is the right level for your child. Request an IG sample at sonlight.com/3-week-samples.

See p. 42 for the titles in this package. For descriptions or to order individual items, visit sonlight.com/LA-3.

Optional Resources (See p. 99)

- ☐ MCP Phonics Level C 2L19 \$16.99
- ☐ Wordly Wise Book B 2L05 \$10.00
- ☐ Extra Activity Sheets Consumable 3LG1 \$12.99

■ Grade 4-5 Readers with Language Arts 4-5

Ages 7 | 8 | 9

4RP \$188.13

Excellent for students able to read anything you hand them, but whom you'd like to protect from the grittier "realities of life" that more advanced books often deal with. Helps you guide students to write paragraphs with more independence. You may still want to serve as their scribe on more challenging assignments.

Features books at fourth and fifth grade reading levels, but with content gentle enough for young readers. Your children will adventure in the Wild West, travel with Marco Polo to the far East, and continue to develop a love of books and reading.

The Instructor's Guide (IG) provides the tools you need: schedule, lesson plans, discussion questions, Activity Sheets, teaching tips and more. Just follow the guide to teach spelling, copywork, writing mechanics, paragraph construction and creative expression. Your guide also schedules the optional workbooks below.

Head to sonlight.com/quick-reading-assessment to see if this is the right level for your child. Request an IG sample at sonlight.com/3-week-samples.

See p. 42 for the titles in this package. For descriptions or to order individual items, visit sonlight.com/LA-45.

Optional Resources (See p. 99)

- ☐ MCP Word Study D - Plaid 3L18 \$17.99
- ☐ Wordly Wise Book C 3L01 \$10.00
- ☐ Extra Activity Sheets Consumable 4LG1 \$12.99

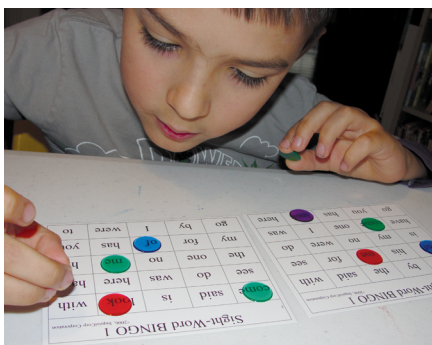
For Cores D and higher, your full Readers and Language Arts program is already integrated into your Core.

An example of what to choose: To use Core A with two kids, you might choose *Core A with Grade K Readers with LA K* and buy *Grade 2 Readers with LA 2* separately, so each child has a program at his/her ability level.

"Petra's reading really took off this year with Sonlight Language Arts 2. She gained fluency by reading *The Beginner's Bible* literally everywhere! Thank you, Sonlight, for choosing wholesome, interesting books that my children WANT to read over and over."

- Jane H., July 2012





"I love that Sonlight uses a lot of different ways to teach our children. Language Arts has games, journals, poems, story creators and more," writes Susan R of Chesterfield, NJ. "It isn't just copywork and reading, though those are fun as well. These games bring out the competition in the kids, and make them want to do their best." Here, 7-year-old Zachariah concentrates for an intense game of Sight-Word Bingo. He and 7-year-old Jakob are using Core B with Grade 1 Readers in their second year of Sonlight.



You know you're a homeschooler when ... your second grader regularly uses words like "metaphor."



"Sonlight brings our family closer together like nothing else can," writes Katie B of Ontario, Canada. "I was hesitant in the earlier years to use Sonlight because there are so many books and I wasn't sure if I could fit them all in. But over the years I have found that I want to read the books just as much as my children do, and it makes for quality family time." Without prompting, Danielle (8) eagerly showed Luke (5) the amazing facts about helicopters and ships she learned in Core C. In their family's fourth year of Sonlight, Danielle is using Core D as Luke dives into Core A.

RESOURCES FOR YOUR LANGUAGE ARTS PROGRAM



Grammar

- ☐ **Grammar Ace Package with DVD** RL6 \$44.97
Includes *The Grammar Ace* Set: Instructional Manual (schedule, examples, answers and teaching helps) and Workbook plus Schoolhouse Rock DVD (the Grammar Rock portion is scheduled throughout the manual). One program designed to start anywhere during grades 4-8 and cover all the grammar your student will need. Set your own pace-take a few months, or a couple years. This package includes the two items below. | Grades 4-8

- ☐ **The Grammar Ace** RL66 \$24.98
Bolin. All the practical grammar your student needs, in one set-your-own-pace program. For grades 4-8.
- ☐ **The Grammar Ace Workbook** Consumable RL662 \$9.99
For additional students
- ☐ **Schoolhouse Rock (DVD)** RL65 \$19.99
Sonlight's Grammar Ace program uses some of the best songs in the collection to help kids learn adverbs, interjections, conjunctions, prepositions and more. 2 DVDs (formatted for Region 1: US and Canada only)

- ☐ **Grammar 5** 5L15 \$29.98
Provides logical, straightforward grammar instruction and practice. Perfect for students who have completed Grammar Ace or already have a working knowledge of grammatical terms (e.g., appositive and participial phrase). The self-directed lessons present, guide and review crucial concepts modeled in great passages of literature. Offers ample practice to master the tools students need to improve their writing and succeed on standardized tests. A pre-requisite for *Grammar 6*.

- ☐ **Grammar 5 Answer Guide** 5L151 \$14.99
- ☐ **Grammar 5 Activity Sheets** 5L152 \$14.99
Consumable

- ☐ **Grammar 6** 6L15 \$29.98
Perfect for students who have completed *Grammar 5*. With straightforward instruction, students dissect great passages from successful authors to study grammatical structure and form. *Grammar 6* contains plenty of practice to give your children a solid grammatical foundation, which aids in writing skills and standardized test prep.

- ☐ **Grammar 6 Answer Guide** 6L151 \$14.99
- ☐ **Grammar 6 Activity Sheets** 6L152 \$14.99
Consumable

- ☐ **Winston Grammar (Basic)** 4L09 \$42.00
For grades 4-12. Includes Instruction Guide, Workbook & Card Pack. Description at sonlight.com/4L09.

- ☐ **Second Student Pack** 4L094 \$18.00
- ☐ **Workbook** Consumable 4L095 \$11.00
- ☐ **Card Pack** 4L096 \$7.50

- ☐ **Winston Grammar (Adv)**
Find description at sonlight.com/7L20.html.



Composition

- ☐ **Writers INC** RL04 \$32.49
Sebranek, Kemper, and Meyer. This is one of those books of which no student should be deprived. It includes all the "how-to" information that every writer ever wished he had: a complete guide to the writing process ... from pre-writing to drafting to revising; the basic elements of writing: sentences, paragraphs, expository essays, persuasive essays; literary genres: stories, plays, poems, persuasive and argumentative essays; style; grammar; documentation, and much more. Latest Edition (2006). | Pb. | Grades 3-12

- ☐ **Diamond Notes** RL67 \$8.99
This effective and enjoyable creative writing program helps your students conquer fear of the blank page. With gentle, practical step-by-step guidance, they learn to organize their thoughts and express themselves clearly on paper. *Included in LA 3 Instructor's Guide*.

- ☐ **Research Paper Packet** RL61 \$6.99
Holzmann & Ballard. The Research Paper Packet includes every last detail your children will need to know to research for and write a solid research or position paper. Completely updated in 2012.

Note: This item is included in the Core Instructor's Guides for levels D+E-530 | ♦

- ☐ **Writing Coach: "Pay per Paper" Program**
Do you struggle to evaluate your children's writing objectively, to give them quality feedback? Could you simply use a break from hours of reading and editing? Let Sonlight connect you with an experienced writing coach, one paper at a time:

"I watched our daughter go from a struggling writer to someone who is confident in her writing abilities with the Write At Home program. Now she writes with maturity and clarity. I appreciate that she has to meet deadlines imposed outside of home, but they are reasonable and not overwhelming. The structure of the program keeps our daughter writing consistently and she enjoys the outside encouragement. The writing coach feedback is so helpful and specific. I hope we are able to use Write At Home all the way through each of our children's home education."

-Wendy P, March 2010

Each coach is equipped (and familiar) with our Language Arts programs, ready to help your students develop greater technique, creativity and confidence. View coaching feedback samples and learn details on this "Pay per Paper" program, including a money-saving "family membership" option, on our website at sonlight.com/writeathome.html.





□ Inspiration® Software RL10 \$69.00
Recommended for students using our Core 100 and above.

Inspiration is a thought processor. It helps you generate ideas and then organize your thoughts for effective analysis, planning, writing and more.

While *Inspiration* is beneficial for anyone age 12 or older, it will particularly benefit children who find it difficult to transition from concepts to actual writing. Where your children may have spent hours trying first, to get their ideas on paper, then to convert their thoughts to an essay or story, *Inspiration* will help them reduce that time to minutes.

Inspiration makes it easy to brainstorm and then, with one click of a button, they have an outline for a story, an essay or a simple research paper.”

System Requirements: For more information and the requirements for both Windows and Mac, please go to: sonlight.com/RL10.html.

voh- Vocabulary
kab

□ Vocabulary Vine RL07 \$11.99
 A spiral of Latin & Greek Roots. Hasseler. Unlock over 100,000 words with Latin and Greek word roots with Vocabulary Vine. Includes suggestions for twelve optional zero-preparation Learning Games to keep the program fun and fresh. | Grades 4-9

Wordly Wise

Students learn hundreds of new words while they build reading, writing, and thinking skills. As they read in context, apply meanings in different situations, and answer comprehension questions using complete sentences, they make these words their own.

These vocabulary building exercises are fun, even though they require thinking! Learn multiple definitions of words. | Pb. | Workbooks | Consumable | LA: Grades 2-12

Scheduled in Language Arts 2 Instructor's Guide

- **Book A Grade 2** 2L10 \$10.00

Scheduled in Language Arts 3 Instructor's Guide

- **Book B Grade 3** 2L05 \$10.00

Scheduled in Language Arts 4-5 Instructor's Guide

- **Book C Grades 4-5** 3L01 \$10.00

Scheduled in Core D Instructor's Guide

- **Workbook 3000 Book 3** 3L101 \$12.40
 □ **Teacher's Key, Book 3** 3L102 \$5.65

Scheduled in Core D+E and E Instructor's Guides

- **Workbook 3000 Book 4** 4L101 \$12.40
 □ **Teacher's Key, Book 4** 4L102 \$5.65

Scheduled in Core F Instructor's Guide

- **Workbook 3000 Book 5** 5L101 \$12.40
 □ **Teacher's Key, Book 5** 5L102 \$5.65

Scheduled in Core G and W Instructor's Guides

- **Workbook 3000 Book 6** 6L101 \$12.40
 □ **Teacher's Key, Book 6** 6L102 \$5.65

Scheduled in Core H Instructor's Guide

- **Workbook 3000 Book 7** 7L31 \$12.40
 □ **Teacher's Key, Book 7** 7L32 \$5.65

Scheduled in Core 100 Instructor's Guide

- **Workbook 3000 Book 8** 140-36 \$12.40
 □ **Teacher's Key, Book 8** 140-37 \$5.65

Scheduled in Core 200 Instructor's Guide

- **Workbook 3000 Book 9** 240-36 \$13.25
 □ **Teacher's Key, Book 9** 240-37 \$5.65

Scheduled in Core 300 Instructor's Guide

- **Workbook 3000 Book 10** 340-36 \$13.25
 □ **Teacher's Key, Book 10** 340-37 \$5.65

These workbooks are not included in any Instructor's Guide.

- **Workbook 3000 Book 11** 440-36 \$13.25
 □ **Teacher's Key, Book 11** 440-37 \$5.65
 □ **Workbook 3000 Book 12** 540-21 \$13.25
 □ **Teacher's Key, Book 12** 540-22 \$5.65

Vocabulary from Classical Roots

Fifer, Flowers. These books teach modern English words based on their Latin and Greek roots. By learning the roots, one learns much about the meanings of whole families of English words. Very helpful ... for life and the SAT tests! | Pb.

Scheduled in Core 200 Instructor's Guide

- **Workbook A** Consumable 240-21 \$13.25
 □ **Teacher's Manual, Book A** 240-22 \$22.90
 □ **Test Booklet A** 240-23 \$5.85

Scheduled in Core 300 Instructor's Guide

- **Workbook B** Consumable 340-21 \$13.25
 □ **Teacher's Manual, Book B** 340-22 \$22.90
 □ **Test Booklet B** 340-23 \$5.85

Phonics

□ Sound Cards RL20 \$5.99

The full color, sturdier version of the black and white Sound Cards included in our Language Arts for K Readers Instructor's Guide. The full color letters and fun animals that represent each letter's sound will grab your students' imagination even better to encourage letter/word acquisition and comprehension.

Explode the Code

□ Explode the Code A, B, C Set KL030 \$35.20

Scheduled in KLG. Introduces all the consonants of the alphabet except the letter "x". Teacher's Guide expands on skills presented in student books and provides options for instruction and reinforcement. Each lesson addresses the principles of effective reading instruction and follows an easy-to-use format. | Pb. | 4 vols.

- **Book A: Get Ready** Consumable KL031 \$7.95
 □ **Book B: Get Set** Consumable KL032 \$8.30
 □ **Book C: Go** Consumable KL033 \$8.30
 □ **A, B, C, Teacher's Guide** KL034 \$10.65

□ Explode the Code 1, 2, 3 1L02 \$28.20

Scheduled in 1LG. Attractive workbooks illustrated by children teach phonetic and spelling rules. Exercises require thinking through the spelling process while lessons focus on specific phonics and spelling rules. Book 1 covers short vowels; Book 2 covers initial and final consonant blends; Book 3 covers open syllables, silent "e" rule, digraphs. | Pb. | 3 vols.

□ **Book 1** Consumable 1L51 \$9.40

□ **Book 2** Consumable 1L52 \$9.40

□ **Book 3** Consumable 1L53 \$9.40

□ **Explode the Code 4, 5, 6** 2L07 \$28.20

Scheduled in 2LG. Book 4 deals with compound words, common suffixes, syllable divisions, open and closed syllables, and vowel digraphs; Book 5 covers -ed, -al, -ol, -ild, -ind, qu-, and -ey words, and three-consonant blends (thr-, shr-, str-, etc.). Book 6 covers -ar, -or, -er, -ir, -ur, wor-, war-, -igh, -oo, -ea, -ie, -oi, -ou, -au, -aw, -ew, -ui, and -ue words. | Pb. | 3 vols.

□ **Book 4** Consumable 2L51 \$9.40

□ **Book 5** Consumable 2L52 \$9.40

□ **Book 6** Consumable 2L53 \$9.40

□ **MCP Phonics Level C** 2L19 \$16.99

Scheduled in 3LG. Attractive, engaging full-color 1998 edition workbook covers development of sentence and paragraph concepts, antonyms, homonyms, and homographs, reading comprehension skills, foundational writing skills and dictionary skills. Students will also learn vocabulary, study skills, concepts of print and alphabetic awareness. | Oversize, Pb. | Color illustrations | Consumable

□ **MCP Word Study D - Plaid** 3L18 \$17.99

Scheduled in 4LG. Two-color workbook with exercises covering short and long vowels, hard and soft c and g; r, s, and h blends; vowel-r combinations; silent letters; suffixes, syllables, vowel pairs, digraphs, diphthongs; plurals, possessives, contractions; prefixes, roots; synonyms, antonyms, homonyms, and dictionary skills. | Oversized, Pb. | b/w illustrations | Consumable

Spelling

All About Spelling

All About Spelling brings together the three pathways to learning: hearing, seeing, and touching. This multisensory approach, combined with a built-in review system and reinforcement activities, ensures students retain and apply what they learn.



"Sonlight curriculum has so many great ideas for bringing the subjects we study to life!" writes Jill Q of Princeton, ID. "After studying planes, we followed the Instructor's Guide suggestion of finding a place where our kids could actually see how the planes work and fly. In her first year of Sonlight, Isabelle (6) is obviously thrilled to sit in a real plane at a local flight school.



LANGUAGE ARTS

If you are just beginning to teach your children spelling, want a program that appeals to a variety of learning styles, or if your children need remedial help, this customizable program could be an excellent fit. Step-by-step lessons (mastery-based, not grade-level based) build on one another in a sequence that has been carefully tested to produce long-term results.

Each level includes a teacher manual and student packet (need one per student). Features multisensory learning tools and activities such as: Letter Tiles, Flashcards, Segmenting Words activities, Concept-oriented Spelling Lists, Key Cards that present spelling rules, a Jail for Rule Breakers to corral exceptions, Word Banks, Writing Station, Practical Application and Review, Tips for the Teacher, a Progress Chart and more. **Due to restrictions from the publisher, All About Spelling materials do not qualify for any discounts.**

☐ **Basic Interactive Kit** RL80 \$29.95
Includes Letter tiles, Magnets, Phonogram CD-ROM, and Divider Cards. Necessary for teaching Levels 1 to 6.

☐ **Level 1 Teacher's Manual & Student Packet** RL81 \$29.95
Sample topics: How to say and write the first 32 phonograms; Short and long vowel sounds; When to double f, l, and s; How to form plural words by adding s or es.



"It's worth every penny to see my sons loving to learn together!" writes Kerri H of Hettinger, N. "Three years ago I was hesitant to purchase our first Core from Sonlight because it was more money than I usually spent on school books, but after the first year I had no qualms about purchasing the next Core. When they read and listen to the same stories and lessons, they can talk about them and even act them out together. Even our youngest son, who isn't doing the same Core as the older three, loves to listen in and join in the fun of 'playing' history. Like reenacting the Boston Tea Party!" Here, Isaac (10) Luke (9), Levi (9) and Elijah (7) crowd in to read together outside. In their third year of Sonlight, the three older boys are sharing Core D as Elijah uses Core A.

☐ **Level 1 Student Packet** RL82 \$14.95

☐ **Level 2 Teacher's Manual & Student Packet** RL83 \$39.95
Sample topics: How to spell multisyllable words; The most common way to spell the sound of /er/; When to use oi/oy, aw/au, and ow/ou.

☐ **Level 2 Student Packet** RL84 \$19.95

☐ **Level 3 Teacher's Manual & Student Packet** RL85 \$39.95
Sample Topics: Two more ways to spell the sound of long a; Contractions; Five reasons for adding a silent e to the end of a word; Homophones

☐ **Level 3 Student Packet** RL86 \$19.95

☐ **Spelling Review Box** RL93 \$9.95
This custom box is the perfect size for your Phonogram Cards, Sound Cards and Key Cards from all seven levels of the program, plus the Word Cards from your current level.

Go online for more levels and options at sonlight.com/spelling.

Sequential Spelling

Your children get immediate results with Sequential Spelling. Minimize study time and reduce test-taking anxiety! Sequential Spelling teaches students to recognize patterns of spelling based on the rules of the English language, but without all the complicated explanations.

The process:

1. Children are asked to spell a simple root word or suffix, such as "-in"
2. They hear the word used in a sentence and write it.
3. They then hear the correct spelling of the word and immediately correct their own work.
4. Each successive day students spell more words that contain "-n" such as pin, sin, spin, skin, and twin. Within five days they spell "beginning" on their own!

Sequential Spelling comes in 7 progressive levels of difficulty; students use one level per year. Words learned in Volume 2 build upon the word patterns learned in Volume 1 and so on. Therefore, if you have never used Sequential Spelling before, McCabe urges you to begin with Volume 1 and then progress through Volumes 2-7. (The volume numbers do not relate to grade levels). Sequential Spelling is a Required Resource in Language Arts from D to F and a component of Sonlight Grade 3-5 Multi-Subject Packages. Sequential Spelling is not consumable so you only need one copy of each volume for your family. | Grades: 3-6

☐ **Sequential Spelling 1** RL50 \$14.95
Some of the patterns covered: -in, -en, -et, -ot, -ay, -ime, -and, -ight. Representative words: beginning, disagreeing, permitted.

☐ **Sequential Spelling 2** RL51 \$14.95
Some of the patterns covered: -ob, -ack, -eam, -ame, -ab, -ir, -ub. Representative words: nephew, packed, toaster, disgusted.

☐ **Sequential Spelling 3** RL52 \$14.95
Some of the patterns covered: -are, -ip, -sh, -oun, -sk. Representative words: successfully, assessment, suggestion.

☐ **Sequential Spelling 4** RL53 \$14.95
Some of the patterns covered: -ish, -in, -ar, -ic, -oc, -age. Representative words: outlandish, accomplishment, commercial.

☐ **Sequential Spelling 5** RL54 \$14.95
Some of the patterns covered: -en, -ign, -ance, -nge, -nt, -oit, -ap. Representative words: strengthened, malignant, ignorance.

☐ **Sequential Spelling 6** RL55 \$14.95
Some of the patterns covered: -ity, -um, -ow, -by, -ery, -or, -ty. Representative words: perspicacious, personalities, originality.

☐ **Sequential Spelling 7** RL56 \$14.95
Available online: sonlight.com/sequential-spelling.html.

Communication

☐ **Language and Thinking For Young Children** KL02 \$8.99

An easy-to-use, one-year course in oral language and thinking skills for Pre-K through 3rd grade using regular family activities. Topics: story-telling, measuring, listening, memorizing, calendar, poetry, manners and more. | Pb.

Keys to Good Language

Build students' competency in grammar, usage, mechanics and composition using content from across the curriculum: literature, science, health, hobbies, and history/geography. Worktext and test booklet Consumable with separate answer key. | Pb.

Scheduled in Language Arts section of Core F Instructor's Guide

☐ **Keys to Good Language 5** 5L09 \$31.98
☐ **Workbook Grade 5 & Tests** 5L091 \$15.99
☐ **Answer Key, Book 5** 5L092 \$15.99

Scheduled in Language Arts section of Core G Instructor's Guide

☐ **Keys to Good Language 6** 6L09 \$31.98
☐ **Workbook Grade 6 & Tests** 6L091 \$15.99
☐ **Answer Key, Book 6** 6L092 \$15.99

Analogies

Liebman. Analogies are at the root of good communication, the heart of beautiful prose. Simile and metaphor are made of analogies! Find an appropriate analogy and you have half-won the argument, almost fully explained the scientific principle-all but assured yourself of winning your audience's attention. If you can't think analogically, or tell the difference between good and bad analogies ... you may be condemned to poor communication and muddled thinking! In this series, students receive instructions, strategies, and practice in solving analogical puzzles. For junior high and up. | Pb. | Consumable

☐ **Analogies 1** 140-10 \$10.50
Scheduled in Core 100 Instructor's Guide

☐ **Analogies 2** 240-10 \$10.50
Scheduled in Core 200 Instructor's Guide

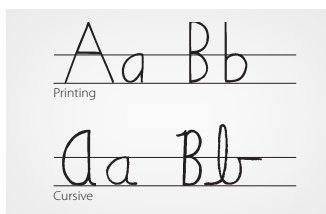
☐ **Analogies 3** 340-10 \$10.50
Scheduled in Core 300 Instructor's Guide



CHOOSE FROM THREE OUTSTANDING HANDWRITING PROGRAMS

From Kindergarten through mid-elementary, we encourage you to teach your children the art of handwriting. Choose from three highly successful, prize-winning programs: the developmentally-oriented *Handwriting Without Tears*;

the Scripture-oriented and traditional *A Reason for Handwriting*; or the innovative *Getty-Dubay Italic Handwriting* program.



Handwriting Without Tears

According to its developer, a registered occupational therapist, *Handwriting Without Tears* is the only developmentally-based handwriting program on the market today. That means it pays attention, in a way that no other program we know does, to the developmental needs of children who are trying to learn how to write.

In keeping with its developmental concerns, *Handwriting Without Tears* offers extremely basic exercises in figure-ground discrimination and top-to-bottom, left-to-right sequencing.

When it comes to forming letters, it begins with all the capitals. Why? Because, unlike, say, the lower-case p, q, b, and d, the capital letters are all very easy to distinguish. Kids don't mix them up.

Potential Strengths

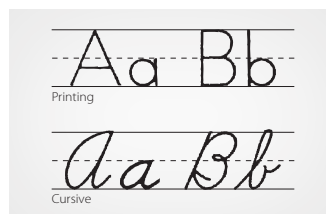
- It works. Even with kids who face significant learning challenges and physical limitations. (Visit the Language Arts section of the Sonlight Forums at sonlight.com/LAforums to talk with some unbelievably pleased moms! You'll need to sign in to your forum account to access this online conversation.)
- You'll find that it makes sense to you as you are trying to teach.
- Parents say it's particularly easy to use with left-handed students.

Potential Weakness

- Cursive letters are formed in a completely upright rather than slanted position. These modified letters may appear unattractive to people who have been trained more conventionally.

"I love that Sonlight is literature-based and Christian ... I love the Read-Alouds and *Handwriting without Tears*!"

- Meagan V, Aug. 2012



A Reason for Handwriting

A Reason for Handwriting uses daily practice focused on verses from Scripture, as presented in the Living Bible paraphrase for 1st grade and higher.

With fancy border sheets for students to use-the authors of *A Reason for Handwriting* seek to motivate students subconsciously to think of the public nature of their work and, therefore, to improve their handwriting.

A Reason for Handwriting follows the traditional "ball-and-stick" style of print, and standard cursive.

Potential Strengths

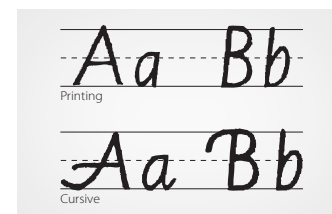
- The shapes of the letters are the same as those used in all the other language arts workbooks you are likely to come across.
- The practice drills are based on Scripture.
- Many children are motivated by the attractive border sheets to do their best and write beautifully.

Potential Weakness

- Different letter formations for cursive (vs. manuscript) are confusing to some students.



"Sonlight makes homeschooling exciting and provides the structure and planning I need," writes Harmony M of Elizabeth, CO. "With Sonlight's Instructor's Guides, I have no worries about making it work. Without Sonlight, I don't think this would have been possible." Cousins Aiden (5) and Samuel (6) are studying Core A together.



Getty-Dubay Italic Handwriting

The *Getty-Dubay Italic Handwriting* program, by Portland University, has won a lot of accolades.

We first considered adding it to our line because so many customers requested it. The decision was clinched, however, when one of our sons, whose handwriting was atrocious, and who would not-or could not-make any improvements under the *A Reason for Handwriting* program, began making noticeable strides from the first day we used *Getty-Dubay*.

Potential Strengths

- Its cursive characters are almost identical to its print characters, which means the transition from print to cursive is easy-and once a student learns the cursive style, he is less likely to revert to printing.
- At least one national writing contest was won recently by a student who used the *Getty-Dubay Italic* method. Translated: the text looks good. Many people say it reminds them of simple calligraphy.

Potential Weaknesses

- *Getty-Dubay Italic Handwriting* is completely non-"standard." There are no school materials of which we are aware that use this italic method as the basis for student practice sheets.
- Children who study *Getty-Dubay Italic* will be unfamiliar with "normal" cursive handwriting and may be at a disadvantage when asked or required to read materials written by someone who writes in a more traditional style.

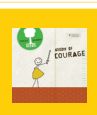


"Our two-year experience with Sonlight has been everything we hoped for and more! Isaiah asks to 'do school' every day."

- Colleen H, June 2012



“Handwriting Without Tears is a fabulous program. I have been amazed how much more confident my daughter is at writing within two short months,” writes Lisa M of Little Elm, TX. “Not only did her handwriting improve but she grasped letters and numbers so much better! It is so well structured that your child learns so much in just a few short lessons. Isabella loves the colorful and fun workbook as well as the hands-on activities that come with it, such as the chalkboard and wood blocks.” Four-year-old Isabella proudly displays her handiwork from the Handwriting Without Tears Package K (#HWK).



Seeds Family Worship CDs
— music to live by
p. 94



“Sonlight fits our needs well as a special needs family,” writes Jennifer S of Citronelle, AL. “Our little one, adopted from China, has significant special needs and often needs to be in my lap. Our entire family can usually be found cuddled together to do our reading. I would not have the time or energy to put together curriculum, a schedule, choose books, or generate discussions and comprehension questions. Now [with Sonlight] I get to spend my time and energy on loving my family, meeting their needs and teaching my children.” In her third year of Sonlight, Jennifer finishes up Core D+E with Joshua (9) as Rinnah (4) listens in.

Handwriting K

Ages 5 | 6 | 7

□ Handwriting Without Tears K

HWK \$76.22

Included in Kindergarten Multi-Subject Package and scheduled in Language Arts for K Readers Instructors guide. All handwriting schedules are available at sonlight.com/handwritingschedules.html Includes the 5 items listed.

□ Letters & Numbers for Me Workbook

KL172 \$12.25

Uses multisensory approach to teach correct capital and lowercase letter placement and formation, correct number formation, consistent printing habits (including how to hold the pencil). | Approx. K. | Consumable

□ Slate Chalkboard w/ Chalk & Sponge

KL173 \$11.99

5" x 7" slate is pre-marked with a smiley face in the top left corner. This gives the child a “frame of reference” for the top and for correctly printing capital letters and numbers. Children love using the “Wet-Dry-Try” slate method explained in the books above.

□ Capital Letter Wood Pieces

KL175 \$38.00

Three-dimensional shapes are integral to the Readiness Program. Purchase this set or make your own from wood, styro, cardboard ... instructions found in Teacher's Guide KL171. Set contains 26 pieces.

□ Foam Mat for Wood Pieces

KL176 \$7.49

Foam mat, similar to a mousepad, for laying out 3-D pieces above. Easily replaced by a sheet of paper on which you draw a smiley face.

□ 5/8" ruled paper, 2-line

KL174 \$6.49

100 Sheets. Extra practice paper.

OR

□ A Reason for Handwriting K

RFHK \$50.64

Includes the 4 items listed.

□ Instruction Guidebook

KL10 \$24.95

A great help to teach your children how to form their letters—both manuscript and cursive. To be used every year through sixth grade. | ♣ | Pb

□ Workbook K (approx. K)

KL12 \$17.95

Teaches students how to write manuscript forms—both upper- and lower-case-of all 26 letters in the English alphabet. Begins with basic hand motions. | ♣ | Color illus. | Consumable

□ K Handwriting Supplies Kit

KL16 \$4.99

Three extra-thick pencils and a thick-pencil sharpener. Pencils are perfect for beginning writers to hold

□ 1" ruled paper, 3-line

KL184 \$2.75

50 Sheets. Extra practice paper.

OR

□ Getty-Dubay Italic Handwriting K

GDIK \$32.24

Includes the 4 items listed.

□ Instruction Manual

KL13 \$12.75

Contains helpful hints for teaching Books A-G, below. Covers assessment, implementation, activities and supplements.

□ Basic Italic A (approx. K)

KL14 \$11.75

Introduces the twenty-six upper- and lowercase letters one letter per page. Letters are arranged according to the simplicity and similarity of strokes in lowercase letters. Progresses from simple to more complex forms. | Consumable

□ K Handwriting Supplies Kit

KL16 \$4.99

Three extra-thick pencils and a thick-pencil sharpener. Pencils are perfect for beginning writers to hold.

□ 1" ruled paper, 3-line

KL184 \$2.75

50 Sheets. Extra practice paper.

Handwriting 1

Ages 6 | 7 | 8

□ Handwriting Without Tears 1

HW1 \$21.49

Included in Grade 1 Multi-Subject Package.

Includes the 3 items listed.

□ My Printing Book

1L172 \$12.25

Designed to eliminate problems with reversals, spacing, placement, and letter and numeral formation. Letters are used in simple words and sentences to assure continuous review. | Consumable

□ 5/8" ruled paper, 2-line

KL174 \$6.49

100 Sheets. Extra practice paper.

□ Print Alphabet Desk Strips

1L174 \$2.75

A sheet of four 10½" x 2" adhesive strips. Stick strips to desk to give students visual clues for letter formation.

OR

□ A Reason for Handwriting 1

RFH1 \$45.65

Includes the 3 items listed.

□ Manuscript A

1L11 \$17.95

Manuscript A continues with manuscript handwriting lessons and practice, focusing on verses from Psalms and Proverbs. | ♣ | Color illus. | Consumable

□ 5/8" ruled paper, 3-line

1L184 \$2.75

50 Sheets. Extra practice paper.

Required Resource (if you don't already own)

□ Instruction Guidebook

KL10 \$24.95

See K listing.

OR

☐ **Getty-Dubay Italic Handwriting 1**
GDI1 \$27.25
Includes the 3 items listed.

☐ **Basic Italic B** 1L12 \$11.75
Re-introduces the twenty-six upper- and lowercase letters one letter per page. Letters are arranged alphabetically. Introduces words and sentences. | Consumable

☐ **1" ruled paper, 3-line** KL184 \$2.75
50 Sheets. Extra practice paper.

Required Resource (if you don't already own)

☐ **Instruction Manual** KL13 \$12.75
See K listing.

Handwriting 2 Ages 7 | 8 | 9

☐ **Handwriting Without Tears 2**
HW2 \$18.74
Included in Grade 2 Multi-Subject Package.
Includes the 2 items listed.

☐ **Printing Power** 2L172 \$12.25
A complete review of numbers, capitals and lowercase letters. Students write words, sentences, and simple paragraphs. Emphasizes fluency rather than repetitive copying. | Consumable

☐ **3/8" ruled paper, 2-line** 2L174 \$6.49
100 Sheets. Extra practice paper.

OR

☐ **A Reason for Handwriting 2**
RFH2 \$45.65
Includes the 3 items listed.

☐ **Transition** 2L08 \$17.95
Transition continues instruction and practice in manuscript, then moves, in mid-year, to cursive handwriting. Practice focuses on passages from the Gospels. | Color illus. | Consumable

☐ **5/8" ruled paper, 3-line** 1L184 \$2.75
50 Sheets. Extra practice paper.

Required Resource (if you don't already own)

☐ **Instruction Guidebook** KL10 \$24.95
See K listing.

OR

☐ **Getty-Dubay Italic Handwriting 2**
GDI2 \$27.25
Includes the 3 items listed.

☐ **Basic and Cursive C** 2L09 \$11.75
Reviews basic italic and introduces the first five joins of cursive italic. | Consumable

☐ **5/8" ruled paper, 3-line** 1L184 \$2.75
50 Sheets. Extra practice paper.

Required Resource (if you don't already own)

☐ **Instruction Manual** KL13 \$12.75
See K listing.

Handwriting 3 Ages 8 | 9 | 10

☐ **Handwriting Without Tears 3**
HW3 \$21.49
Included in Grade 3 Multi-Subject Package.
Includes the 3 items listed.

☐ **Cursive Handwriting** 3L192 \$12.25
Children learn to write neatly, with speed and confidence. Lowercase letters are taught first. Teaching pages feature large step-by-step illustrations and child-friendly language. Teaches easy techniques for connections and capitals. | Consumable

☐ **Cursive Alphabet Desk Strips** 3L194 \$2.75
A sheet of four 10½" x 2" adhesive strips. Stick strips to desk to give students visual clues for letter formation.

☐ **3/8" ruled paper, 2-line** 2L174 \$6.49
100 Sheets. Extra practice paper.

OR

☐ **A Reason for Handwriting 3**
RFH3 \$45.65
Includes the 3 items listed.

☐ **Cursive C** 3L06 \$17.95
Cursive C completes the transition to cursive handwriting. Practice drills focus on verses from the New Testament epistles. | Color illus. | Consumable

☐ **3/8" ruled paper, 3-line** 3L184 \$2.75
50 Sheets. Extra practice paper.

Required Resource (if you don't already own)

☐ **Instruction Guidebook** KL10 \$24.95
See K listing.

OR

☐ **Getty-Dubay Italic Handwriting 3**
GDI3 \$27.25
Includes the 3 items listed.

☐ **Basic and Cursive D** 3L10 \$11.75
Reviews then presents the cursive joins in sequence. Concludes with capitals. Practice includes phonograms, prefixes, suffixes, homophones, homographs, poetic forms (couplets, haikus, etc.), letter-writing, and more. | Consumable

☐ **3/8" ruled paper, 3-line** 3L184 \$2.75
50 Sheets. Extra practice paper.

Required Resource (if you don't already own)

☐ **Instruction Manual** KL13 \$12.75
See K listing.



"When we started school, my son did not like reading at all. But with Sonlight's great books he's turned into an avid reader and learner," writes Mignonne S of Mozambique. "He loves Science, History and Geography and is growing to be a strong follower of Christ. We live on the coast of northern Mozambique and spend considerable time on the road (or boat). Sonlight is so convenient and easy to transport. We love the freedom it gives us to do school the way it works for us. The evening we received our books, the kids were so enthusiastic that even a power failure couldn't keep them from starting school, without Mom!" Simon (12) and Amieke (9) are studying Cores B and E.



"We have come to rely on Sonlight! The time and work they've put into choosing books and weaving them into a meaningful learning experience just blow me away," writes Paula W of Minneapolis, MN. "They've done all the work so I can enjoy more time teaching, learning and simply being with my kids. We've made the schedule our own and feel the freedom to pause school and restart with ease later when life throws something at us." Paula says there's nothing to compare to the moments when she sees the joy of learning light up her children's faces. In the W family's eighth year of Sonlight, 6-year-old Isaac has a "wow, I got it!" moment with Core B.



“Not only are our girls learning more about the world around them, but Sonlight is giving them daily opportunities to learn more about loving one another,” writes Jan J of Jackson, MS. “The girls are able to share their books and teach the younger ones all about them, which is a perfect opportunity to bond as sisters!” Here, Emma Grace (5), Ellie Kate (4) and Emerson (2) read, learn and love together. The girls are studying Cores A and B.

“Thanks, Sonlight, for giving this mom the confidence to guide her children into a love of learning.”
– Melissa D, June 2012



“Using Sonlight is now a way of life in our household. Everything is laid out for us, which allows both my husband and me to teach,” writes Amy J of Madison, WI. “I also appreciate that Sonlight chooses books that I wouldn’t have dreamed of introducing my kids to this young, and yet those are the books they love most!” Here, Lucy (5) practices writing. Lucas (6) will be studying Core B with his sister in their third Sonlight year. Sister Laurelin (2) often pulls books off the shelf and demands that her older siblings read to her!

Handwriting 4

Ages 9 | 10 | 11

☐ Handwriting Without Tears 4

HW4 \$18.74

Includes the 2 items listed.

☐ **Cursive Success** 4L172 \$12.25
 Advanced cursive student workbook can be used as a basic workbook for older students or as part of the development process after completing. Uses smaller size letters, larger words and more advanced sentences. | Consumable

☐ **1/8" ruled paper, 2-line** 4L174 \$6.49
 100 Sheets. Extra practice paper.

OR

☐ A Reason for Handwriting 4

RFH4 \$45.65

Includes the 3 items listed.

☐ **Cursive D** 4L04 \$17.95
 Cursive D continues cursive practice. Focuses on verses from the Gospels. | | Color illus. | Consumable

☐ **3/8" ruled paper, 3-line** 3L184 \$2.75
 50 Sheets. Extra practice paper.

Required Resource (if you don't already own)

☐ **Instruction Guidebook** KL10 \$24.95
 See K listing.

OR

☐ Getty-Dubay Italic Handwriting 4

GDI4 \$27.25

Includes the 3 items listed.

☐ **Basic and Cursive E** 4L08 \$11.75
 Reviews basic and cursive writing. Practice includes phonograms, prefixes, suffixes, and other letter combinations. Subject matter of practice: the animal, plant, and mineral kingdoms; solar system, galaxies, and more. | Consumable

☐ **3/8" ruled paper, 3-line** 3L184 \$2.75
 50 Sheets. Extra practice paper.

Required Resource (if you don't already own)

☐ **Instruction Manual** KL13 \$12.75
 See K listing.

Handwriting 5

Ages 10 | 11 | 12

☐ Handwriting Without Tears 5

HW5 \$12.25

Includes the 1 item listed.

☐ **Can-Do Cursive** 5L172 \$12.25
 For students still mastering cursive. Includes teaching tips, fun ways for students to practice cursive, cursive review and ideas for extra practice. Promotes writing skills with grammar, Greek-Latin, and composition. | Consumable

OR

☐ A Reason for Handwriting 5

RFH5 \$42.90

Includes the 2 items listed.

☐ **Cursive E** 5L04 \$17.95
 Cursive E continues to refine students’ cursive hand. Focuses on passages from the Psalms. | | Color illus. | Consumable

Required Resource (if you don't already own)

☐ **Instruction Guidebook** KL10 \$24.95
 See K listing.

OR

☐ Getty-Dubay Italic Handwriting 5

GDI5 \$24.50

Includes the 2 items listed.

☐ **Basic and Cursive F** 5L08 \$11.75
 More practice. Subject matter includes word origins, word groups and word entertainment; names of Native American tribes, nations, and communities; spiral writing, pop-up card design, and envelope making. | Consumable

Required Resource (if you don't already own)

☐ **Instruction Manual** KL13 \$12.75
 See K listing.

Handwriting 6 and up

Ages 10 | 11 | 12

Most students in 6th grade or higher no longer need special handwriting practice. However, if your child needs additional instruction in handwriting, please select from our suggested resources.

☐ A Reason for Handwriting 6

RFH6 \$42.90

Includes the 2 items listed.

☐ **Cursive F** 6L04 \$17.95
 Cursive F continues to refine students’ cursive hand. Focuses on passages from Proverbs. | | Color illus. | Consumable

Required Resource (if you don't already own)

☐ **Instruction Guidebook** KL10 \$24.95
 See K listing.

OR

☐ Getty-Dubay Italic Handwriting 6

GDI6 \$24.50

Includes the 2 items listed.

☐ **Basic & Cursive G** 6L08 \$11.75
 Continued practice follows a central theme—the history of our alphabet. | Consumable

Required Resource (if you don't already own)

☐ **Instruction Manual** KL13 \$12.75
 See K listing.

Note: Additional resources available at sonlight.com/handwriting-without-tears.html.



COMPLETE, HANDS-ON SCIENCE PROGRAMS FROM KINDERGARTEN TO COLLEGE-LEVEL LAB SCIENCES



Looking for a low-stress, complete Science curriculum your kids are sure to love? Do you want Science to include tons of hands-on learning and captivating books? Sonlight's Science programs for elementary through high school could be the perfect fit. We revised our elementary programs a few years ago and the results are in: customers LOVE the new curriculum. They tell us Sonlight Science is different from other companies' programs because:

- It is truly easy to use.
- You're fully equipped to do the experiments. Moms who tended to skip experiments before Sonlight find they actually do them since they already have the materials and instructions they need. Plus ...
- Kids and moms alike love the *Discover & Do* DVDs in Science A, B, C, D and E. These DVDs demonstrate each experiment in the Instructor's Guide. They even provide plenty of laughs along the way! So if you don't get around to doing an experiment, at least your kids can watch it in action.
- Beautifully illustrated, amazingly interesting books with robust science content help bring science to life. With Sonlight, your science study becomes a joyful adventure of discovery, instead of a boring trek through a textbook.

So let Sonlight guide you through each day and simplify your teaching process for less stress and more fun as you learn along with your kids.

Ignite a love for science in your children with:

Great books. Engaging activities. Hands on experiments. Compelling biographies. Fun and instructive DVDs.

Your children will not only learn the facts of science, but also gain a love of discovery and get to know key scientists such as Isaac Newton, Louis Pasteur, Marie Curie and more.

Your Instructor's Guide (IG) walks you through each day.

Your Science IG enables you to teach with confidence. You'll know what you're going to study and why. Your complete schedule ensures you cover key concepts in a logical and doable way while explanations in your Guide help you understand the principle of each experiment and activity.

- **Teaching tips** guide you through what to cover each day and how to explain science facts.
- Thorough parent **explanations** leave you feeling confident about each experiment and activity sheet.

- **Extensive notes** offer insights relevant not only to science, but also to cultural literacy, religion, philosophy, ethics, technology, and more.
- **Discussion questions** spark meaningful conversations with your children about what you learn together.
- Science **worksheets** customized for each lesson hammer home important points in fun ways.
- Optional **activities** help make science a real and everyday part of life. These activities take your family's science exploration beyond your books and into the world around you.

Hands-on experiments help children grasp science ideas.

Lots of experiments capture your children's attention and solidify their understanding.

These experiments give your children a "hook" to absorb new things they learn. They'll remember far more of what they experience than facts they only hear about.

These hands-on experiences provide a connection between what your children read and the real world and help grow their interest in scientific exploration and discovery.

Breathe a sigh of relief knowing there's no need to spend gas money and time hunting for random supplies you need for experiments—we include them in your science supply kit.

A Christian worldview bolsters your family's learning.

Sonlight integrates a strong Christian worldview into our Instructor's Guides so you and your children can look at the world through the lens of God's Word, the ultimate source of truth.

- We provide a counter balance to non-Christian content and ideas.
- We encourage your family to first seek to understand differing perspectives before critiquing them, so your children gain the ability to discern with you right beside them.
- We present information and a response to evolution, highlighting God as Creator and Intelligent Designer.

Expect the best education possible for your children.

Sonlight students interact with more scientific subjects and more material—more often—before junior high than many classroom school students cover once by the time they reach high school.

We cover the full spectrum of science studies, such as earth, space, life, health, physical and technological science.

Your kids will learn these subjects at greater and greater depth as they circle back through each topic over the years. We mix challenges with fun so your students will not only learn more science than their peers, they actually enjoy the process!

Start your journey of discovery with your family. Find out more details about each science program in the pages that follow.



"Sonlight's literature-based approach along with the weekly experiments has fueled my kids' love for learning science," writes Ann K of Reno, TX. As a former public school science teacher, "I looked closely at several [homeschool] science programs. I wanted a curriculum that included experiments. The supply kits along with some household items supply everything we need for hands-on-learning. I have seen too many students subjected to workbook-based learning, and I love how Sonlight books ignite creativity and encourage exploration." In this picture, 8-year-old William enthusiastically investigates lung capacity. He completed Science A two years ago, and was thrilled to do the experiments again when his little sister used Science A. Now, William studies Core C as Caroline (5) uses Core A.





“Sonlight gives us many opportunities in which even the little ones, who aren’t officially ‘doing school,’ can participate,” writes Elaine P of Georgetown, ME. “I love nothing more than seeing all my children huddled together learning! Sonlight has especially given my kids a love of literature. My husband and I are both huge readers and that is something we always wanted to pass on. Sonlight’s selection of great literature has done that.” In their third Sonlight year, Madison (9), Alex (6) and Andrew (3) are studying Core C. Here, they complete a successful Science C experiment.



You know you’re a homeschooler when
... loading the dishwasher is a lesson in spatial relationships.



“Sonlight has helped us grow closer through these family bonding moments!” writes Crystal V of Youngsville, NC. “We have traveled the globe with missionaries, explored ancient Rome, followed the beginnings of ancient Greece, become zoologists while learning about many different animals, and traveled into the vastness of space. We read together, do experiments together, research together, and question together. While there are definitely opportunities for each child to work alone, it is a joy to see that much of the time my children are working together to achieve the same goals.” Here, Logan (7), Carter (5) and Langston (3) happily crowd in for a simple Science experiment. In their third year of Sonlight, the V family uses the Grade 2 Multi-Subject Package and parts of Core A.

Science A

Ages 5 | 6 | 7

- 5-Day/wk AS5 \$124.85
- 4-Day/wk AS4 \$104.89



Biology, Botany, and Physics

Science A sparks children’s curiosity and introduces them to Biology, Earth Science, and Physics-topics you’ll return to again over the years.

Colorful and engaging for kids and adults, the *Usborne Internet-Linked Children’s Encyclopedia* leads children to explore countless wonders from space, botany, geology, and the human body.

Find the answers to questions like:

- Why does thunder come with lightning?
- How much air do your lungs hold?

From clocks, computers, to trains and planes, students study how things work.

Make a weather vane, absorb liquid through sugar cubes, and even taste-test milkshakes! Experiments cover science with air, plants, and science in the kitchen. The hilarious and fact-filled *Discover & Do* DVD enhances each experiment.

Note: *Internet-Linked Children’s Encyclopedia (Item AH04) is part of the Core A History package. If you are ordering the Science program as a stand-alone package, purchase The Children’s Encyclopedia separately.*

- ▼ 4- and 5-Day Program includes
- Science A Instructor’s Guide p.139 ASG
 - Discover & Do Level K (DVD) AS05
 - How Flowers Grow AS02
 - Isaac Newton and the Laws of Motion AS03
 - Weather AS01
 - Science Activities, Vol. 2 AS04
 - Science Supplies Kit A ASK
- ▼ 5-Day Program also includes
- Caterpillars and Butterflies AS07
 - Eggs and Chicks AS08
 - Tadpoles and Frogs AS09
 - Under the Sea AS06

- Required Resources** (if you don’t already own)
- ☐ **Non-Consumable Science Supplies Kit** NSK \$31.99
 - ☐ **Usborne Internet-Linked Children’s Encyclopedia** AH04 \$15.99
(This book also used in Core A.)
- Optional Resource**
- ☐ **Extra Activity Sheets** Consumable ASG1 \$12.99

For full descriptions and to purchase individual items, go to sonlight.com/science-a.

Science B

Ages 5 | 6 | 7 | 8

- 5-Day/wk BS5 \$170.87
- 4-Day/wk BS4 \$144.90



Animals, Astronomy, and Physics

From the make-up of the human body to the infrastructure of a skateboard, Science B feeds children’s curiosity about how things are made.

They’ll uncover mysteries of the human body and health as they enjoy the *First Encyclopedia of the Human Body*. They’ll have fun learning about the technology of everyday items in *See How It’s Made*.

They’ll also learn about animals, space, and water processing, and enjoy a biography of Louis Pasteur. Science experiments cover water, magnets, lights, and mirrors.

The Discover & Do, Level 1 DVD includes creative presentations of the 92 experiments in the Science B program.

- ▼ 4- and 5-Day Program includes
- Science B Instructor’s Guide p.139 BSG
 - Discover & Do Level 1 (DVD) BS03
 - First Encyclopedia of the Human Body BS04
 - The Magic School Bus at the Waterworks BS08
 - Pasteur’s Fight Against Microbes BS01
 - Science Activities, Vol. 1 BS07
 - Space BS02
 - Why Do People Eat? BS09
 - World of Animals BS10
 - Science Supplies Kit B BSK
- ▼ 5-Day Program also includes
- Night Animals BS11
 - See How It’s Made BS05
 - What Makes You Ill? BS06

- Required Resource** (if you don’t already own)
- ☐ **Non-Consumable Science Supplies Kit** NSK \$31.99
- Optional Resource**
- ☐ **Extra Activity Sheets** Consumable BSG1 \$12.99

For full descriptions and to purchase individual items, go to sonlight.com/science-b.

“We LOVE Apologia Science [upper-level Sonlight Science]. It’s rigorous without being boring and the labs make the learning come alive.”
- Sandy N, July 2012



Science C

Ages 6 | 7 | 8 | 9

■ 5-Day/wk	CS5	\$175.85
■ 4-Day/wk	CS4	\$170.86



Geology, Meteorology, and Mechanical Technology

Awaken your children to the vastness of space and the complex make-up of our earth. *The Usborne Book of Knowledge* serves as the key book for Science C, but a biography of Marie Curie, a colorful book devoted to weather, and a vastly informative yet readable Usborne book, *Planet Earth*, aid students as they study animals, birds, dinosaurs, machines, the human body, technology and inventions, Earth, the solar system, and weather. Science experiments cover batteries (electricity), the human body, and weather.

▼ 4- and 5-Day Program includes

Science C Instructor's Guide p.139	CSG
Dinosaurs Unleashed: The True Story about Dinosaurs and Humans	CS04
Discover & Do Level 2 (DVD)	CS05
The Magic School Bus Inside the Earth	CS06
The Magic School Bus Lost in the Solar System	CS07
Marie Curie's Search for Radium	CS09
Science Activities, Vol. 3	CS08
The Usborne Book of Knowledge	CS03
Weather	CS01
Science Supplies Kit C	CSK
▼ 5-Day Program also includes	
Planet Earth	CS02

Required Resource (if you don't already own)

<input type="checkbox"/> Non-Consumable Science Supplies Kit See p. 132	NSK	\$31.99
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Optional Resource

<input type="checkbox"/> Extra Activity Sheets Consumable	CSG1	\$12.99
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For full descriptions and to purchase individual items, go to sonlight.com/science-c.

"In our house, science experiment day is special. I often have to stop them from doing more than two weeks of experiments at a time. Though Andrew is just three, he asks, 'Can we watch the science experiment DVD?'"

- Melissa D, June 2012

Science D

Ages 7 | 8 | 9 | 10

■ 5-Day/wk	DS5	\$244.77
■ 4-Day/wk	DS4	\$229.78



Biology, Taxonomy, and Human Anatomy

Science D gives students an up-close look at the observable world and the forces behind what we can see. Students focus on Physics (energy, gravity, sound, electricity, and machines) and Biology (life, cells, plants and photosynthesis, plant growth, protists, frogs, butterflies, ecosystems, food cycle, water cycle, air cycle, the human body and animals). They'll also explore seas and oceans, water, and creation/evolution. Students will build a greenhouse and conduct botany experiments to understand what living things need. The DVD, *Incredible Creatures that Defy Evolution I* leads students to examine the wonders of the world more closely and consider their source.

▼ 4- and 5-Day Program includes

Science D Instructor's Guide p.139	DSG
Discover & Do Level 3 (DVD)	DS06
Incredible Creatures that Defy Evolution I (DVD)	DS08
Listening to Crickets	DS11
The Magic School Bus Inside the Human Body	DS04
Mysteries and Marvels of Nature	DS05
Real Science 4 Kids: Biology, Level 1	DS01
TOPS 38-Green Thumbs: Radishes Consumable	DS09
TOPS 39-Green Thumbs: Corn & Beans Consumable	DS10
Usborne First Encyclopedia of Seas and Oceans	DS02
Usborne Science Encyclopedia	DS03
Science Supplies Kit D	DSK
▼ 5-Day Program also includes	
Water	DS07

Required Resource (if you don't already own)

<input type="checkbox"/> Non-Consumable Science Supplies Kit See p. 132	NSK	\$31.99
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Optional Resources

<input type="checkbox"/> Lyrical Life Science Vol. 1: Non-Animal Kingdoms and Non-Mammalian Animals (CD, Text & Workbook) See p. 132	RS51	\$29.50
<input type="checkbox"/> Lyrical Life Science Vol. 2: Mammals, Ecology & Biomes (CD, Text & Workbook) See p. 132	RS52	\$29.50
<input type="checkbox"/> Extra Activity Sheets Consumable	DSG1	\$12.99

For full descriptions and to purchase individual items, go to sonlight.com/science-d.



"If the goal of homeschooling is nurturing a child's God-given curiosity and exciting a love of learning, Sonlight is succeeding in this family!" writes Heather M of Lanse, PA. "Our four kids recently delighted in introducing their aunt to the life-cycle of a butterfly in real life. She was ecstatic! The joy of learning is contagious." Here, Peter (9) carefully watches the newly hatched Monarch. Heather is using Core F with her four children in their seventh year of Sonlight.



Scope out our quality microscopes
p. 133



"Sonlight puts together a great science curriculum with fascinating books and engaging activities and experiments," writes Sara D of Durham, NC. "The Instructor's Guide is filled with activities and ideas to explore a topic further. The optional activities, such as this cotton ball race, often use things we have already around the house. It makes it easier to do more with my kids and spend less time planning and hunting for activities to reinforce their learning. We love, love Sonlight Science!" After reading about lungs and the mechanics of breathing in Week 5 of Science C, Jonathan (8), Anna (4) and Luke (7) enjoyed testing out their lungs in some friendly competition. They're using Core D and Core A in their fourth year of Sonlight.



“Sonlight science kits are the **ONLY** way I can accomplish experiments without endless anxiety over whether I have the supplies needed each day,” writes Danielle H Virginia Beach, VA. “They are a complete life saver, perhaps better described as a complete ‘science saver.’ My kids love it and I get to start the day with the confidence that nothing is going to postpone another experiment.” Here, Joshua (12) uses his swimming goggles rather creatively for the first science experiment of the year. He and Joy (10) are studying Core G and Science H in their fifth year of Sonlight.



“Every year I get more attached to Sonlight and the freedom it gives me to adapt one Core to multiple children,” writes Christi N of Mishawaka, IN. “I’ve been able to keep both boys in the same Core and adapt the Readers, Math, and Handwriting to their specific levels. Science is their FAVORITE! They really get into it with ‘lab coats’ and ‘safety glasses.’ It’s a weight off my shoulders to know the lesson plans are already made and all I need is about an hour Sunday night to preview what’s ahead.” Corban (9), Jadon (7) and Jeuel (2) have been experimenting with Sonlight for three years. Here they’re using the Science B kit to learn about magnets.

Science E
Ages 8 | 9 | 10 | 11
■ 5-Day/wk ES5 \$221.84
■ 4-Day/wk ES4 \$195.86



Electricity, Magnetism, and Astronomy

Ever wondered what lasers are made of or how to tell a planet from a star? Do you know the most important energy source on earth?

Physics and technology take the stage in Science E. Students explore electricity, magnetism, light, color, microscopes, astronomy and space, inventions, chemistry, modern technology, and early American life.

Books of note include *The Story of Inventions*, *Energy*, and *Bell and the Science of the Telephone*. Chuckle along with Justin in the *Discover & Do 4* DVD as he takes you through over 90 experiments primarily covering electricity and magnetism and sprinkles humor throughout.

▼ 4- and 5-Day Program includes		
Science E Instructor’s Guide p.139	ESG	
Bell and the Science of the Telephone	ES05	
Diary of an Early American Boy	ES03	
Discover & Do Level 4 (DVD)	ES06	
Electricity & Magnetism	ES09	
Light & Color	ES13	
Mysteries and Marvels of Science	ES07	
TOPS 32-Electricity Consumable	ES10	
TOPS 33-Magnetism Consumable	ES11	
Usborne Complete Book of the Microscope	ES12	
The Usborne Internet-Linked Book of Astronomy and Space	ES01	
Science Supplies Kit E	ESK	
▼ 5-Day Program also includes		
See for Yourself: Energy	ES04	
The Story of Inventions	ES02	

Required Resource (if you don’t already own)		
■ Non-Consumable Science Supplies Kit See p. 132	NSK	\$31.99
Optional Resources		
■ Magnifier/Microscope See p. 132	ES08	\$16.99
■ Microscopy Supplies Kit See p. 132	ESKM	\$18.99
■ Extra Activity Sheets Consumable	ESG1	\$12.99

For full descriptions and to purchase individual items, go to sonlight.com/science-e.

Science F
Ages 9 | 10 | 11 | 12
for Boys (includes *The Boy’s Body Book*)
■ 5-Day/wk FSB5 \$187.25
■ 4-Day/wk FSB4 \$140.29
for Girls (includes *The Body Book for Girls*)
■ 5-Day/wk FSG5 \$187.25
■ 4-Day/wk FSG4 \$140.29



Health, Medicine, and Human Anatomy

Students uncover the wonders of the human body in Science F, including anatomy, gender differences, reproduction, health and nutrition, survival skills, and the history of medicine. Students also learn about geology, fossils, evolution and intelligent design to better understand the broad discussion of the earth’s formation. A DVD, *Unlocking the Mystery of Life*, adds depth to the origin of life conversation.

▼ 4- and 5-Day Program includes	
Science F Instructor’s Guide p.139	FSG
Almost 12	FS04
Blood & Guts: A Working Guide to Your Own Insides	FS12
Food and Nutrition for Every Kid	FS05
The History of Medicine	FS11
Improve Your Survival Skills	FS06
Unlocking the Mystery of Life (DVD)	FS03
Usborne Internet-Linked Complete Book of the Human Body	FS13
▼ Choose one of the following titles:	
The Boy’s Body Book	FS02
OR	
The Care & Keeping of You: The Body Book for Girls	FS01
▼ 5-Day Program also includes	
Dry Bones and Other Fossils	FS07
The Human Body	FS09
Introduction to Genes and DNA	FS08
Understanding Your Brain	FS10

Optional Resources	
■ Lyrical Life Science Vol. 3: The Human Body (CD, Text & Workbook) See p. 132	RS53 \$29.50
■ Extra Activity Sheets Consumable	FSG1 \$12.99

For full descriptions and to purchase individual items, go to sonlight.com/science-f.





Science G

Ages 10 | 11 | 12 | 13

■ 5-Day/wk	GS5	\$221.88
■ 4-Day/wk	GS4	\$189.90



Geology, Physics, and Origins

Watch students make connections and delve deep into chemistry, physics, and biology in Science G. Students explore earth science, geology, fossil records, evolution, intelligent design, contemporary technology, plants, animals, and ecosystems. Experiments in two TOPS books cover analysis and cohesion and adhesion. A new DVD, Icons of Evolution, adds a multimedia dimension to the origin of life discussion.

▼ 4- and 5-Day Program includes

Science G Instructor's Guide p.139	GS6
What's Science All About	GS08
Evolution: The Grand Experiment	GS07
Icons of Evolution (DVD)	GS04
TOPS 10-Analysis	GS05
TOPS 13-Cohesion/Adhesion	GS06
Usborne Internet-Linked Encyclopedia of Planet Earth	GS01
Science Supplies Kit G	GSK

▼ 5-Day Program also includes

Cool Stuff 2.0 and How it Works	GS02
The Young Naturalist	GS03

Required Resource (if you don't already own)

□ Non-Consumable Science Supplies Kit See p. 132	NSK	\$31.99
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Optional Resource

□ Extra Activity Sheets Consumable	GS01	\$12.99
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For full descriptions and to purchase individual items, go to sonlight.com/science-g.

Science H

Ages 11 | 12 | 13

■ CD-ROM package	HS0B	\$104.98
■ Textbook package	HS0A	\$148.98

General Science

Science H provides a wonderful overview of the entire range of scientific inquiry and a superb introduction to the world of science you will explore in years to come. Assuming you have already used four or five years' worth of Sonlight science, however, feel free to use Physical Science 150-00. There are plenty of additional courses to come!

For details about the textbook package go to sonlight.com/science-H.

▼ CD-ROM package includes the 3 items listed.

General Science Schedule Plus	HSSA
Apologia Educational Ministries' Exploring Creation with General Science, CD-ROM Version	HS02
General Science Supplies Kit H	HSKA

Required Resources (if you don't already own)

□ Non-Consumable Science Supplies Kit	NSK	\$31.99
□ Safety Glasses	SS301	\$3.50

For full descriptions and to purchase individual items, go to sonlight.com/science-H.

Science 150

Ages 12 | 13 | 14

■ CD-ROM package	150-05	\$105.98
■ Textbook package	150-00	\$149.98

Physical Science

In Science 150, students study basic principles of the earth sciences then push on to basic physics. A great foundation for all high school sciences.

For details about the textbook package go to sonlight.com/science-150.

▼ CD-ROM package includes the 3 items listed.

Physical Science Schedule Plus	150-30
Apologia Educational Ministries' Exploring Creation with Physical Science, CD-ROM	150-21
Science Supplies Kit 150	150-35

Required Resources (if you don't already own)

□ Non-Consumable Science Supplies Kit See p. 132	NSK	\$31.99
□ Safety Glasses	SS301	\$3.50

For full descriptions and to purchase individual items, go to sonlight.com/science-150.

High School Science

Sonlight's high school-level biology, chemistry, and physics programs provide an in-depth understanding of the world big and small-from the tiny building blocks of the plant and animal kingdoms to subatomic particles in gas, liquids, and solids.

The Sonlight® High School Science Curriculum provides everything you need for a solid science program. It eliminates the frustration of deciding what to teach, what experiments to do, and how to gather all of the materials for experiments. You can continue to delight in learning along with your children.

Science 250

Ages 14 | 15 | 16 | 17 | 18

■ CD-ROM package	250-05	\$468.97
■ Textbook package	250-00	\$512.97

Biology

High School science begins with the 200-Level Exploring Creation with Biology program. This program balances subject reading with an optional experimental biology component including microscopy and advanced dissection.



"I value the homeschool helps and podcasts available on the Sonlight website, with tips about teaching babies and toddlers," writes Cindy P of Ontario, Canada. "They're such an encouragement and blessing! As a mother of four, I love that Sonlight encourages us to learn together as a family, including even the very youngest members. Sonlight makes learning so easy that we can take our learning anywhere - even the front porch! The easy-to-follow Instructor's Guide and ready-to-use Science Supply Kit can quickly turn an ordinary morning into an exciting and memorable learning experience the whole family can enjoy." Here, Quinlan (6) and Emerlyn (3) observe the results of an experiment. Along with Jaden (10) and Mae-lynn (2), the family is in their third Sonlight year.



"With Sonlight our kids love to learn and are always looking for learning opportunities!" writes Yolanda S of Ypsilanti, MI. "I am constantly finding science experiments from current and past years all around the house. Just this week Seth was building a rain gauge in the back yard. His grandmother thought he was a genius. It has been such an amazing year of learning. The kids both enjoyed the TOPS experiments and learning what plants need to survive." In their fourth year of Sonlight, Mia (9) and Seth (8) share Core D and Science D. Here, they use the biology book in Science D to create an animal cell worth eating.



The key text, Apologia's *Exploring Creation with Biology*, incorporates an engaging, conversational tone capable of grabbing teenagers' attention and keeping their minds on track. The authors give a Christian viewpoint and lift up God's incredible design for the world. Colorful illustrations, photos, tables and charts reinforce learning items, and bring the awe and intricacy of creation to mind. The biology program includes solutions and tests, and we've also created a Sonlight-style schedule guide to complement the course.

The course study begins with a "macro" view of our living world. Your students learn about Kingdoms and Phyla and the steps needed to identify and classify many animals and plants. Students move on to the "micro" perspective with single-celled organisms and their reproduction, advance to genetics, and finish with ecosystems.

Budding biologists will use the Sonlight Ultra Microscope to uncover the marvelous movement, shape and color of microorganisms invisible to the naked eye. They'll follow detailed instructions from Sonlight's Advanced Dissection Kit to delicately explore the internal organs and external structures of four different specimens from land and sea.

Please note: Many colleges look for at least one lab science on a student's transcript. To gain hands-on experience with a microscope, as is often included in a lab course, you may wish to purchase the Microscopy Supplies Kit (item 250-25).

To supplement the course material and hands-on experiments, you'll find outstanding multimedia elements that include audio pronunciations of key vocabulary terms, animated versions of illustrations, and video clips of a variety of microorganisms.

For details about the textbook package go to sonlight.com/science-250. For international options go to sonlight.com/250-45.

▼ CD-ROM package includes the 5 items listed		
Biology Schedule Plus	250-01	
Advanced Dissection Kit with Specimens	250-30	
Apologia Educational Ministries' Exploring Creation with Biology, CD-ROM Version	250-21	
Microscopy Supplies Kit	250-25	
Sonlight® Ultra Microscope	250-40	

Required Resources (if you don't already own)

<input type="checkbox"/> Non-Consumable Science Supplies Kit p. 132	NSK	\$31.99
<input type="checkbox"/> Safety Glasses	SS301	\$3.50

Choose one of the following two items:

<input type="checkbox"/> Sonlight® Ultra Microscope p. 132	250-40	\$255.00
OR		
<input type="checkbox"/> Variable Voltage Microscope p. 132	250-45	\$265.00

Note: For use Internationally.

Optional Resources

<input type="checkbox"/> Digital Microscope Camera Eyepiece See p. 132	SSM20	\$74.99
<input type="checkbox"/> Microscope Carrying Case	SSM4	\$35.00

For full descriptions and to purchase individual items, go to sonlight.com/science-250.

Science 350

Ages 15 | 16 | 17 | 18

■ CD-ROM package	350-05	\$156.98
■ Textbook package	350-00	\$200.98

Chemistry

The 300-Level *Exploring Creation With Chemistry* addresses the theoretical and mathematical basis of chemistry and follows a sequence of learning similar to the biology. Several fascinating experiments boost learning dramatically as they demonstrate universal formulas and concepts such as mass, density, volume, and more. Several projects include solving for unknown ratios, and *Exploring Creation With Chemistry* explains ratios and their associated calculations better than any math book we've found. (**Note:** Students who have not completed Algebra 1 prior to taking the course will find the work and calculations challenging to master.)

The course includes solutions and tests, multimedia demonstrations and explanations, a Sonlight Chemistry Schedule Plus, and a Chemistry Supplies Kit.

If your student completes the experiments that go with the course, he or she will have a true, upper-level high school science experience.

For details about the textbook package go to sonlight.com/science-350.

▼ CD-ROM package includes the 3 items listed		
Chemistry Schedule Plus	350-01	
Apologia Educational Ministries' Exploring Creation with Chemistry, CD-ROM Version	350-21	
Chemistry Supplies Kit	350-15	

Required Resources (if you don't already own)

<input type="checkbox"/> Non-Consumable Science Supplies Kit p. 132	NSK	\$31.99
<input type="checkbox"/> Safety Glasses	SS301	\$3.50

For full descriptions and to purchase individual items, go to sonlight.com/science-350.

"I wanted a curriculum that included experiments. The supply kits along with some household items supply everything we need for hands-on-learning. I love how their Sonlight books ignite their creativity and encourage exploration."

- Ann K, August 2012

Science 450

Ages 16 | 17 | 18

■ CD-ROM package	450-05	\$94.98
■ Textbook package	450-00	\$138.98

Physics

The 400-Level physics program provides a wonderful, advanced high school level science experience, well-suited for college preparation. Students should have a strong math foundation since the text is filled with formulas, practical applications and experiments.

The course style is similar to the Biology and Chemistry studies. *Exploring Creation With Physics*-supported with solutions and tests, multimedia explanations and demonstrations, and experiments-is the program's central learning tool. It presents 16 modules which follow the format of subject presentation, "solve on your own" problems with answers thoroughly explained, and end-of-module test questions.

The modules cover a variety of physics laws and concepts vital to those considering the engineering or physics fields: velocity, acceleration, friction, momentum, the speed of light and sound, torque, tension, energy, fuses, and circuits. *Exploring Creation With Physics* incorporates situations and objects present in an adolescent's everyday life to help illustrate and reinforce key points.

For details about the textbook package go to sonlight.com/science-450.

▼ CD-ROM package includes the 3 items listed.		
Physics Schedule Plus	450-01	
Apologia Educational Ministries' Exploring Creation with Physics, CD-ROM Version	450-21	
Physics Supplies Kit	450-15	

Required Resource (if you don't already own)

<input type="checkbox"/> Non-Consumable Science Supplies Kit p. 132	NSK	\$31.99
<input type="checkbox"/> Safety Glasses	SS301	\$3.50

For full descriptions and to purchase individual items, go to sonlight.com/science-450.

Advanced Science

Ages 17 | 18

Advanced Programs, if completed successfully, can give your children the equivalent of a university course.

<input type="checkbox"/> Advanced Biology, CD-ROM Package	550-05	\$276.12
Go to sonlight.com/apologia.html		
<input type="checkbox"/> Advanced Chemistry	551-00	\$185.00
Go to sonlight.com/apologia.html		
<input type="checkbox"/> Advanced Physics	553-00	\$90.00
Go to sonlight.com/apologia.html		

For full descriptions and to purchase individual items, go to sonlight.com/science-550.



COMPLETE PROGRAMS AND ENGAGING SUPPLEMENTS FOR K-12

Spark a strong start in math for your kids. Teach confidently with Sonlight's handpicked math resources—the programs we stand behind as the best on the market for elementary math to Calculus. Find guidance for both you and your students so math can be more fun than frustrating.

Every math program has potential strengths and weaknesses, so we've included information to help you find the best fit for your students. Consider Horizons, Singapore, Teaching Textbooks or Saxon Math as your foundation,

then choose from the grade-appropriate resources listed in this catalog. Trying to decide what level your child needs? We offer free placement tests for each program at sonlight.com/placement-tests.html.

At the high school level, we are convinced there is nothing better than Teaching Textbooks for Pre-Algebra through Pre-Calculus and Geometry. Past that, Thinkwell provides a top-notch Calculus program.



Teaching Textbooks (Grade 3-12)

Glory! A math program designed, from the ground up, for homeschoolers – something with all the tools you need, without the fluff that school-based programs often include. You are virtually guaranteed success with minimal knowledge, skill or oversight on the part of mom or dad.

Teaching Textbooks courses offer:

- CD-ROM based “whiteboard” lectures: Students learn from a tutor who has taught homeschoolers for years, since the days he tutored statistics and probability at Harvard.
- Student Workbook: Find every lesson, quiz and problem set for the year in a remarkably clear consumable workbook. (Materials can be reused if students work on separate paper.)
- Solutions CD-ROMs: Audiovisual step-by-step solutions for every workbook and test problem, all on computer CDs your student can watch (and review) anytime.
- Answer Booklet: Your students can find answers for every workbook problem – including all the quiz answers – in the neatly bound set.
- Digital grade book: After they work a problem in the workbook, students enter their answer in the computer – which grades it automatically. Review the digital grade book to see your child's grades for all problem sets and quizzes.
- For parents: A “final-answer-only” key and a complete set of reproducible chapter quizzes and tests.

As a result of the authors' years of experience teaching homeschoolers, Teaching Textbooks includes far more prolific and effective solutions than any other program on the market – bar none. Nothing else delivers half as much explanation! (Even Saxon's DIVE CDs only offer explanation for some of their practice problems, but not full explanations to all homework exercises.)

Teaching Textbooks' authors present in a friendly, conversational style – sensitive to the concerns of conservative homeschoolers. They include light

humor that homeschooled students (and parents) can appreciate, and appeal to all types of students, advanced as well as struggling.

These programs work on a multi-sensory base and follow the “spiral” or “review” method to encourage long-term mastery. Teaching Textbooks is unique among math curricula because of its practical, application-oriented “word” or “story” problems that focus on the kinds of problems that business people, scientists, and regular citizens face every day.

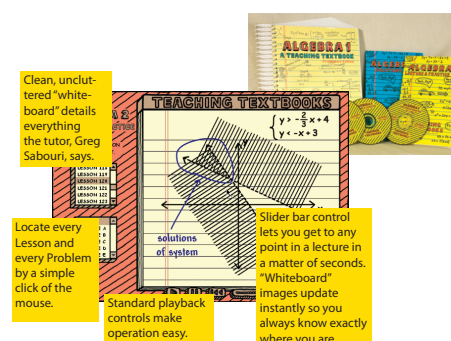
Not only will Teaching Textbooks give you good scores on standardized tests, but they can actually teach you to think mathematically. Teaching Textbooks is so strong that for 7th grade and up, we forgo listing any other programs (where they compete) in our print catalog.

Potential Weaknesses

- If your children are absolute math whizzes, they may find some lectures move “too slowly” and spend “too much time” in the basics. Of course, there is a simple solution: these kids can “fast forward” through the “extraneous” material. (Just be sure it truly is extraneous – don't let them skip sections which may truly help!)
- Also, Teaching Textbooks programs have no index or glossary and no search function to more easily locate the topics you may want to find.

What if your students always understand everything upon first written presentation, and really don't want to listen to a whiteboard presentation? We strongly urge you to buy the entire program anyway. Think of the CDs as your inexpensive tutorial backup – you won't have to worry that your children might demand something of you for which you are unprepared ...

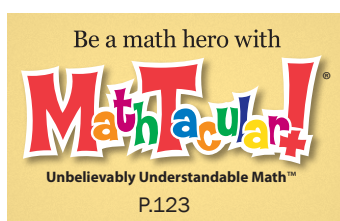
Please note that, due to restrictions by the publisher, Teaching Textbooks materials do not qualify for any Sonlight discounts. For details on topics covered, placement tests and more, please visit our website at sonlight.com/teaching-textbooks.html.



“Sonlight gives our homeschool structure, but leaves room for individual personalities,” writes Becky C of South Dayton, NY. “Where else can a little girl learn Math dressed like a princess (Snow White)? I also appreciate that the Instructor's Guides make it possible for me to easily change a lesson to suit my tastes without having to spend hours planning for every subject.” Here, Alena (6) works on her *Horizons Math*. She and sister Marissa (11) have been using Sonlight for five years.



"This Pattern Block Set [#RM09] has been an integral part of our Sonlight experience," writes Taryn H of South Africa. "All four of my kids have used them in learning patterns, shapes, fractions, addition, subtraction and more. Even my eldest daughter, Kiera, still enjoys trying to create elaborate symmetrical pictures with them. When she was a preschooler, I thought long and hard about whether I should buy the set with the rest of our Sonlight curriculum. I am so glad I eventually took the plunge and bought them. Once again, I am reminded how much I appreciate Sonlight's excellent choices and recommendations!" Here, 10-year-old Kiera poses with her latest pattern block creation. Taryn is using Core D and Core P4/5 with her children in their sixth year of Sonlight.



"I bought MathTacular [p. 123] last Christmas for my precocious 3-year-old. His curiosity for math has since grown exponentially. We have other math DVDs, but Justin's personality has the magic that my son wants, over and over."
- Musica C, Dec. 2012

Horizons Math (Grade K-6)

For first-time homeschoolers, we recommend the grade-appropriate Horizons Math program for K-2.

Help your children understand math from the ground up. Horizons is easy to use, with a familiar and friendly approach for students plus thorough guidance for you, the teacher. Each year's program consists of three pieces:

- Two colorful, well-organized workbooks, each with 80 lessons and 8 unit exams
- Teacher's Handbook (spiral bound) with daily lesson plans, answer keys, and final exams
- 80 reproducible worksheets

Use a proven "spiral learning" technique to first introduce your children to a concept and then help them learn to solve related and increasingly difficult problems over the course of several days or weeks.

Children's minds are free to concentrate on each new concept as it comes, without feeling overwhelmed by too much information. Kids feel confident because they can take steady, measured steps-and as they revisit concepts over time, they continually strengthen and reinforce their existing knowledge base.

Horizons was designed for homeschoolers, so you only need to purchase the basic program once for each grade. Along with reproducible worksheets, each package includes consumable workbooks you can order separately for additional students.

The program is also filled with helpful suggestions and great ideas, such as what ordinary household items you can recruit to serve as creative manipulatives. If you prefer, Sonlight offers ready-to-use kits that contain all the manipulatives you need-in a convenient storage case.

You can view scope, sequence and sample pages at: sonlight.com/horizons-math.html.

Potential Weakness

- For children who are especially sensitive to visual stimuli, Horizons' color illustrations may distract from learning. Saxon programs may prove more helpful. Singapore and Miquon are stronger at developing true understanding of math concepts. For mental math and "story problem" application, Singapore is more rigorous.



Singapore Math®¹ (Grade K-12)

A distinguished record in international competition and the enthusiastic recommendations of customers convinced us to add Singapore math programs to our catalog.



In 1995, 1999, 2003 and 2007 the IEA (International Association for the Evaluation of Educational Achievement) tested relative strengths and weaknesses of programs in various countries. Students of Singapore ranked #1 in math consistently.

Singapore is extremely clear, highly logical and sequential, with a strong focus on "mental math." Students get the "right" amount of practice-without too much repetition. Challenging word problems build thinking skills and students apply math in a variety of situations. The program teaches geometry throughout. There's even a dedicated user community at singaporemath.com.

One year in the Singapore Primary Math programs (K-6) consists of: Two full-color textbooks (which many parents prefer to use as non-consumables) and two black and white consumable workbooks.

Sonlight has also developed unique "Home Instructor's Guides" for the Primary Math programs (2A-6B). These guides bridge the gap between textbook and workbook and walk you through them in a logical, step by step fashion. We lay it all out for you: concepts you'll cover in each unit, pages you'll reference, and numerous exercises to reinforce the concepts you're teaching.

To see sample pages, book subject indexes, and programs not listed in this catalog, visit us on the web at sonlight.com/math.html.

NOTE: Singapore Math is generally a year "ahead" of U.S. math programs. Most children need to begin Singapore Math with the "B" book of the year before! Before you choose a program, have your child take a free placement test at: sonlight.com/singapore-placement-tests.html.

Potential Weakness

- Sonlight provides Home Instructor's Guides for Level 2A-6B, but lower levels have no teacher's manual (due to simplicity of the math). Also, many students require more review and drill than is contained in the main texts. That's why we provide supplementary materials for most Singapore Math programs.
- Also, though Sonlight offers the U.S. versions of Singapore Math, the sequence of concepts doesn't always follow a typical U.S. curriculum pattern. For instance, students may learn multiplication and division at the same time, rather than in different parts of a semester.

1. Singapore Math® is a registered trademark of SingaporeMath.com, Inc.

Saxon Math (Grade K-12)

With Saxon, your students encounter new skills, concepts and principles each day, then review them (day after day) for weeks. Saxon's approach helps build students' confidence in their own ability to "do" math successfully. The program is extremely strong in areas of arithmetic computation and mathematical principles (i.e., the "distributive principle," "commutative principle," etc.).

Students of the program earn consistently high scores on standardized math tests. Saxon has proven its ability to help marginal students achieve relatively high scores on those same tests.

As teacher, you get lots of guidance on exactly what to say and do. In fact, Saxon Math is relatively easy to teach, and from 4th grade up requires very little parental involvement. The early elementary programs include-and require-a lot of manipulative activities. (Saxon doesn't actually provide the items, so Sonlight offers complete kits we've created for you.)

Our Saxon Math homeschool packages include everything you need to teach one child. To use the program with additional or successive students, simply purchase additional consumable tests and worksheets. To see Saxon Math samples, placement tests, book subject indexes, and programs not listed in this catalog, please visit Sonlight on the web at sonlight.com/saxon.html.

Potential Weaknesses

- For students who don't require as much drill, Saxon can be ... boring. And in early elementary grades, it is relatively pricey. But mostly, compared to other programs on the market, it is weak on both application-oriented problem solving and "modern" presentation (use of charts, graphs, spreadsheets and other effective teaching tools).
- This is why we recommend Teaching Textbooks (p. 111) and, at the high school level, Thinkwell Math (see p. 114).

DIVE Into Math CD Instruction for Saxon

If you wish someone were there to help you teach your 4th grader, you've got a friend. Dr. David Shormann's *DIVE Into Math* (DIVE stands for Digital Interactive Video Education) programs are designed to supplement each of the Saxon Math books, from Math 5/4 on up. As if they were attending a live classroom lecture, your students will hear Shormann's voice and watch him make graphic presentations of similar problems on a digitized whiteboard screen on your computer.

Combine Dr. Shormann's smooth, steady voice and on-screen illustrations with the tactile behavior of students writing out the problems themselves, and you're maximizing the learning experience through the aural, visual and kinesthetic paths to students' minds! All of these elements together make for an outstanding learning environment.

As an experienced math and science teacher to homeschoolers, Dr. Shormann seems to have a good grasp on what students need to hear in order to understand the concepts. Though he usually uses the same methods that Saxon does to solve problems, sometimes he teaches alternative approaches, and he often offers tips to make things easier.

Shormann works out the examples, practice problems, and even a few specific problems from some days' problem sets. He proceeds step by step with good explanations. He also provides his own practice problems so that, if students need extra practice, they can do the practice problems in the book as well.

Requires a computer with sound. You'll need QuickTime player on Windows 98 or higher or Macintosh.

Additional Saxon Dive Programs available online at: sonlight.com/dive-into.html.

Key to ... (Grade 5-12)

Sometimes a certain concept or area of math study just doesn't "stick" or needs more review. Sometimes you want to introduce an advanced student to more difficult topics. That's what the Key to ... series is all about: inexpensive, sequentially-oriented and straightforward help on specialized topics.

The softbound student workbooks present concepts and problems in a friendly manner and allow students to work at their own pace. Vocabulary and reading level are simple; instructions are clear and direct; and only one concept is presented per page so students have time to understand new ideas without being overwhelmed.

Each topic comes with a softbound instructor book to help you anticipate and resolve special problems that may arise during teaching. All answers are written out just as if a student had worked them out, which is especially beneficial for students who can use the book to self-correct their work.

Use the Key to ... programs:

- As preparation for a larger, more intense program of the same subject.
- As a supplement for a regular hardbound text.
- As the text for an individualized course.
- These are consumable workbooks. See page 121 for options.



"I was having trouble explaining basic math concepts to my kids. My kids suggested we watch the video, and BOOM, they got it! I LOVE the actors; they are so excited to help kids, and it shows"

- Emily E, Aug. 2012



"I love the confidence that my children are learning from the best materials out there," writes Gabrielle T of Austin, TX. "We are very happy with Sonlight. We love the family discussions that naturally come up as we read together. I am so happy to be able to share this exciting journey with my children." Joseph (10) was so excited to explore his Core F materials, he unpacked his box right away and read the first book scheduled. Joseph and brothers Brigham (10) and Moses (8) are sharing Core F in their second year of Sonlight.



You know you're a homeschooler when ... your fifth grader is taking a spelling test while your third grader is changing the baby's diaper and your kindergartner is making lunch.



"One day it hit me that we weren't just 'doing school.' Sonlight is a part of training up our children in the way they should go," writes Aida N of Hanford, CA. "I was undecided about how to incorporate a second child into homeschooling, but Sonlight curriculum has proved to be flexible and has offered so many options and support. My daughters are close enough in age that this is their third Core together. I find it very easy to adjust the schedule and activities to their skill levels. Here, it's Box Day. We dug in to see our treasures and ended up thumbing through each book." In their second Sonlight year of study, Lucia (6) and Celaya (4) are using Core B.



“Miquon Math has encouraged my children to think creatively about math and to discover their own patterns, such as when Petra made a series of ‘trees’ with Cuisenaire Rods after her lesson on series,” writes Jane H of Port Jefferson, NY. “I am a ‘mathy’ person and was planning to develop my own curriculum for my kids, but when I found Miquon Math, it resonated with me. If I had to choose a single math manipulative to use with my kids, it would be the Cuisenaire Rods, hands down. Even my 2-year-old is able to discover mathematical facts by playing with them.” Petra (7) and her brother Eleazar (6) are sharing Core A this year.



“As a former teacher I have looked at other curricula out there but I just love Sonlight for many reasons,” writes Katie J of Howell, MI. “They make it so easy to start the day. We just open up our binder and go. They teach in a way that opens up my kids’ minds to the whole world around them. Also, the company on a whole is wonderful; any time I have a question I can call and someone friendly always has the answer I need.” On their first day the new school year, Erik (7), Sara (9) and Karalynn (5) asked to play with the teddy bear cards from the Preschool Multi-Subject Package. Sara is using Core D this year as Erik and Karalynn share Core A.

Thinkwell (Grade 11-12)

What’s to like ... and what’s not to like about the Thinkwell programs?

Thinkwell Math provides college-level Internet based video and text courses for both Windows and Mac users. These courses are remarkably inexpensive and include:

- More than 120 online based video tutorials (over 40 hours of instructional material)
- Thousands of interactive questions (good as exercises or quizzes)-complete with instant feedback, answers and explanations
- Comprehensive, printable full-color notes, plus online glossary and lecture transcripts
- Dynamic animations to help explain difficult concepts in novel, easy-to-grasp ways
- Links to other relevant web resources
- Online resources to help you manage, track and report your students’ progress

Dr. Edward Burger, a college professor and former stand-up comedian, aims the Thinkwell math programs at a secular college audience that has grown up with TV. That means you get some of the best in college classroom education ... and some of its downsides.

Mr. Burger’s friendly, somewhat loose style makes his high-energy lectures very easy to understand, but (or is it “and”?) ...

He peppers his presentations with occasional one-liners, self-effacing side comments, and audio and graphic gags. Every now and then he will slip in one of the “lighter” crude words you find in modern American society.

Online access is good for one student, for one year.

For more details about the individual *Thinkwell* programs, visit Sonlight on the web at: sonlight.com/thinkwell.html. (See p.121)

“My sweet second grader has such a love for school and loves the time she gets to spend with me individually teaching her math, history, Latin and Read-Alouds.”

- Jill W, August, 2012

Miquon (Grade 1-4)

Help students learn to think mathematically.

Miquon Math programs emphasize patterns and relationships rather than pre-set formulas and methods. Using *Cuisenaire Rods* and unique graphic layouts, *Miquon* helps children discover those patterns and relationships with just a bit of guidance from their teacher (you) as necessary.

Some parents use *Miquon Math* as their core math program in the early elementary years because it covers all the standard subjects and more. When they finish the last book in the series, most students are well prepared for the 4th, and sometimes even the 5th year books in competing programs. Along the way, they gain a profound understanding of basic math concepts.

For parents who want the reassurance of a traditional math program as base, *Miquon* provides a wonderful and fun supplemental teaching aid. *Miquon* is one of the best-if not the absolute best- programs to teach younger students how to think mathematically. For advanced and gifted learners as well as those with learning challenges. Miquon uses all four arithmetic operations (addition, subtraction, multiplication and division) beginning in the “first year,” and introduces algebraic notation, geometry, and diagram-reading in the first book.

Due to the difficulty of starting Miquon Math in midstream, the publishers-and we-urge you, if you are just beginning the program and have a child in second or third grade, start with the books from the grade before. (See p.122)

You can see scope and sequence, sample pages, and more at: sonlight.com/miquon.html.

Potential Weaknesses

- If you or your child prefers a “just the facts, tell me what I need to know so I can get on with it” approach to math instruction, Miquon’s discovery-oriented approach will drive you crazy. It requires curiosity, flexibility and an attitude of openness to inquiry and investigation.
- It requires more time from the parent than competitive programs. The publisher recommends that parents and children work together as a team to share ideas and discoveries.
- Does not cover long division.



COMPARE YOUR OPTIONS
AND SEE
**THE SONLIGHT
DIFFERENCE**
sonlight.com/sonlight-difference





Math K

Ages 5 | 6 | 7

☐ **Horizons K Program** HKM \$179.93
Included in Sonlight® Grade K Multi-Subject package. Includes the 3 items listed.

☐ **Horizons Math K** KM30 \$69.95
Students learn to count by 1's, 5's, 10's, 2's and 4's to 100; recognize and write all families to 100; add or subtract a single digit without regrouping; identify colors and shapes; name the days of the week and more. Includes Teacher's Handbook.

- ☐ **Student Workbook 1** Consumable KM31 \$18.95
- ☐ **Student Workbook 2** Consumable KM32 \$18.95
- ☐ **Reproducible Worksheets** KM33 \$9.95

☐ **Manipulatives Kit for Horizons Math K** KM35 \$84.99
Your students can use all of these "hands on" objects (everything from safety scissors and 12" ruler to 3D shapes and Base Ten blocks) with their Horizons Math K program. New heavy-stock flash cards teach ordinal numbers, addition and subtraction. Includes easy-to-use schedule and instructions, too. Store kit neatly in it's sturdy box. |

☐ **MathTacular® (DVD)** RM32 \$24.99
Learn about addition, subtraction, place value, estimating, ordinal numbers, fractions, mass, area, money and more. This DVD (over 4 hours) teaches math concepts from every Math K program we carry. Check out our one-of-a-kind MathTacular® series on page 123. |

OR

☐ **Singapore K Program** KMUS \$109.93
Includes the 5 items listed.

☐ **Earlybird A** Consumable KMS11 \$30.00

☐ **Earlybird B** Consumable KMS12 \$30.00

☐ **Pattern Blocks** RM09 \$29.95
Two hundred fifty brightly colored, heavy duty plastic geometric shapes that make wonderful "mosaic" designs and lend themselves to great "hands on" learning of math concepts from counting to geometry. Kids love them! Set includes two 4" x 6" mirrors (help see symmetry). |

☐ **Pattern Block Cards** RM12 \$8.99
20 mosaic puzzles of varying difficulty to work out with pattern blocks. Non-consumable, 8½" x 11" cards. |

☐ **Patternables** RM11 \$10.99
Use your Pattern Blocks to complete a variety of "puzzles" in fun shapes like animals, flowers and rocks. More difficult than Pattern Block Cards. Non-consumable | Pb.

OR

☐ **Saxon K Program** KMS \$148.44
Includes the 2 items listed.

☐ **Math K Homeschool Kit** KM08 \$71.45
Kit includes teacher's manual (with complete schedule) and consumable meeting book (consumed each time the course is taught, not per student). *First edition.*

☐ **Meeting Book K** Consumable KM09 \$15.25

☐ **Manipulatives Set S** KM07 \$76.99
Complete set of manipulatives for use with the Saxon Math program in grades K through 3. Includes a plastic balance (used K-2); two student clocks (K-3); a set of ten two-colored plastic counters (K-3); 48 one-inch plastic Teddy Bear counters (K); one set of dominoes (K); two geoboards with rubber bands (K-2); one laminated hundreds chart (K-3); 100 three-quarter-inch multicolor multilink cubes (K-1); set of 100 solid plastic pattern blocks (K-3); two flexible, clear plastic angle rulers that measure inches, centimeters and degrees of angle (K-3+); four sets of plastic tangrams, one tangram in each of four different colors (K-2); 100 one-inch multicolor tiles (K-3). Plus a sturdy box to store everything! |

Math 1

Ages 6 | 7 | 8

☐ **Horizons 1 Program** H1M \$184.94
Included in Sonlight® Grade 1 Multi-Subject package. Includes the 2 items listed.

☐ **Horizons Math 1** 1M30 \$79.95
Your children will count 1-100 with a variety of number sets; count by 1's from 100-200; learn ordinal and cardinal numbers; add vertically and horizontally carrying in 1's column; subtract vertically and horizontally without borrowing; and understand basic fractions, sets, shapes, graphs and units of measure. Includes Teacher's Handbook.

☐ **Student Wkbook 1** Consumable 1M31 \$18.95

☐ **Student Wkbook 2** Consumable 1M32 \$18.95

☐ **Reproducible Worksheets** 1M33 \$9.95

☐ **Manipulatives Kit for Horizons Math 1-3** RM35 \$104.99

Teach three full years of Horizons Math (grades 1-3) with this one resource kit-complete with schedule and instructions for every step of the way. New heavy-stock flash cards teach multiplication, division, and roman numerals. Also included: thermometer, geared clock, platform scale, and more. If you already have the Math K kit (KM35), skip this item and instead order the "filler" kit (RM40) to save *yourself the cost* of several duplicate items. When math (or play) is over, keep your kit together in its sturdy box. |

Optional Resource (If you own KM35)

☐ **Manipulatives "Filler" Kit for Horizons Math 1-3** RM40 \$59.99

Money-Saving Tip: If you already have the Horizons Math K kit (KM35), simply add this set. You'll have everything you'd get in our Horizons Math 1-3 kit (RM35 above), without having to buy several duplicate items. |

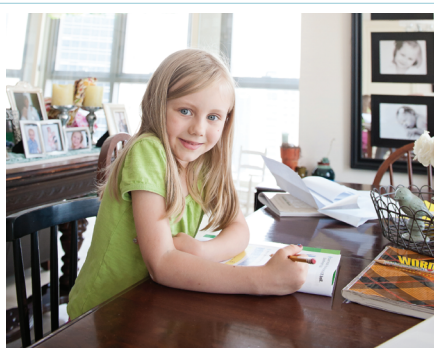
OR



"Singapore 1A Math is Karissa's favorite homeschooling activity each day," writes Amy L of Portland, OR. "This past year has been a complex year of homeschooling, with the blessed arrival of a new baby. Although we weren't able to complete as much curriculum as desired, my children still got an absolutely amazing education. I deeply appreciate how flexible the Sonlight program is, how much confidence the Instructor's Guides give me and how minimal daily preparation is required. We're excited to embark on another exciting year!" Karissa (5) and sister Cherish (7) are using Core C and Science D in their third year of Sonlight study.



"Four kids and 14 years add up to a big pile of Sonlight books. Each holds more than a story; it holds a history of time well-spent with each child, from the college graduate to my third grader," writes Dawn F of Prospect, VA. "More than great stories, these books are a myriad of memories, part of our family history. Much like a photo album, they're snapshots into the past. I haven't regretted for a moment our choice all those years ago to give Sonlight a try." Emma Grace (8) has been studying with Sonlight since kindergarten and is using Core B+C.



"We've used Sonlight for my son, but have just started it with Anneke. She's all over her Horizons Math 1!" writes Jessica K. The family is stationed with the US Army in South Korea. Anneke (6) and brother Pieter (8) have been studying with Sonlight for two years.

"We needed a math that better suits our style, and Teaching Textbooks has made teaching math painless"

-Ariele O, August, 2012

Teaching a child with SPECIAL NEEDS?

Find help at sonlight.com/podcasts



"I have been thrilled to use Saxon Math with 5 of my 6 kids," writes Jill W of Englewood, FL. "Not only are my children learning each day as they repeat and restudy what they've learned, but we have time together, one-on-one or two-on-one, that builds our relationship. Math can be hard, but together we tackle each challenge and solve it with the tools Saxon arms us with!" Now in the family's fourth year with Sonlight, Elizabeth (8) works here with a concept from Saxon Math 2.

☐ **Singapore 1 Program** 1M2US \$57.39
Includes the 5 items listed.

☐ **Primary Math 1A** 1MAUS \$23.60
One b&w consumable pb workbook; one full-color, non-consumable pb textbook; answer key.

- ☐ **1A Textbook** 1MUS11 \$11.80
- ☐ **1A Workbook** Consumable 1MUS12 \$11.80

☐ **Primary Math 1B** 1MBUS \$23.60
One b&w consumable pb workbook; one full-color, non-consumable pb textbook; answer key.

- ☐ **1B Textbook** 1MUS21 \$11.80
- ☐ **1B Workbook** Consumable 1MUS22 \$11.80

☐ **Clock Face** RM05 \$0.99
4" laminated clock face (with hands!)-useful for teaching how to tell time.

☐ **Numbers Chart with Activities** RM6 \$2.20
Great tool for explaining base-10 system and place values. Play "Bingo" number games and more. Includes durable, laminated cardstock chart with 10-by-10-unit grids (labeled 0 to 99), plus activity sheet with instructions for 33 carefully-sequenced activities.

☐ **Addition & Subtraction Flash Cards** RM07 \$7.00
Sturdy sets of 50 large, double-sided problem cards plus four "game" cards explaining games that increase interest in memorizing math facts.

- ☐ **Addition Cards** RM071 \$3.50
- ☐ **Subtraction Cards** RM072 \$3.50

Recommended Resource

☐ **Rainbow Rock** RM167 \$25.00
Bronze medal-winner in the Educational and Computer Science category of an international interactive multimedia competition. Covers the subject matter of *Primary Math 1A* through *2B* in exciting activities and two fast-paced games on CD-ROM. Covers counting; mental calculation; addition, subtraction, multiplication, division; using fractions; shape and pattern recognition; spatial visualization; and solving word problems. See p.122 For system requirements.

OR

☐ **Saxon 1 Program** 1MS \$185.64
Includes the 2 items listed.

☐ **Math 1 Homeschool Kit** 1M02 \$108.65
Kit includes teacher's manual, student workbooks, and meeting book and math facts cards (flash cards). First edition. Workbooks and meeting book are consumable (meeting book is consumed each time the course is taught; not per student).

- ☐ **Math 1 Wkbks & Fact Cards** Consumable 1MOSW \$30.95
- ☐ **Math 1 Meeting Book** Consumable 1M09 \$15.25

Required Resource (if you don't already own from K)

☐ **Manipulatives Set S** KM07 \$76.99
See Math K for full description.

Math 2

Ages 7 | 8 | 9

☐ **Horizons 2 Program** H2M \$202.43
Included in Sonlight® Grade 2 Multi Subject package. Includes the 3 items listed.

☐ **Horizons Math 2** 2M30 \$79.95
Students use different number sets to: count to 100; count by 1's from 100-999; learn multiplication facts 1-10; find temperature in Fahrenheit; use coins and dollar bills in money calculations; and recognize and find area, perimeter and volume. Includes Teacher's Handbook.

- ☐ **Student Wkbook 1** Consumable 2M31 \$18.95
- ☐ **Student Wkbook 2** Consumable 2M32 \$18.95
- ☐ **Reproducible Worksheets** 2M33 \$9.95

☐ **Manipulatives Kit for Horizons Math 1-3** RM35 \$104.99
See Math 1 for full description.

☐ **MathTacular®2 (DVD)** RM33 \$17.49
Learn over 20 math concepts in this 2-hour DVD-such as money, time, place value, statistics, area, perimeter, graphs, estimating, basic geometry and more. Learn more about our MathTacular® video series on page 123.

Optional Resource (If you own KM35)

☐ **Manipulatives "Filler" Kit for Horizons Math 1-3** RM40 \$59.99
See Math 1 for full description.

OR

☐ **Singapore 2 Program** 2M2US \$102.17
Includes the 3 items listed.

☐ **Primary Math 2A** 2MAUS \$41.09
One b&w consumable pb workbook; one full-color, non-consumable pb textbook; Home Instructor's Guide.

- ☐ **2A Textbook** 2MUS11 \$11.80
- ☐ **2A Workbook** Consumable 2MUS12 \$11.80
- ☐ **2A Home Instructor's Guide** 2M14 \$17.49

☐ **Primary Math 2B** 2MBUS \$41.09
One b&w consumable pb workbook; one full-color, non-consumable pb textbook; Home Instructor's Guide.

- ☐ **2B Textbook** 2MUS21 \$11.80
- ☐ **2B Workbook** Consumable 2MUS22 \$11.80
- ☐ **2B Home Instructor's Guide** 2M24 \$17.49

☐ **Gram/cm Cubes Kit** RM04 \$19.99
Approximately 400 plastic cubes that measure 1 cm³, have a mass of one gram, and displace one milliliter of water. There is an assortment of 10 colors. Packaged in a zip baggie. Cubes can attach on several sides to form larger cubes or other objects. Ideally suited for demonstrating mathematical concepts, weighing, measuring, doing volume/density experiments, etc. Kids also love to build structures with them and use them for color pattern puzzles. Includes instructions for over two dozen carefully-sequenced activities.



Recommended Resource

☐ **Rainbow Rock** RM167 \$25.00
See Singapore Math 1 for full description.

OR

☐ **Saxon 2 Program** 2MS \$168.64
Includes the 2 items listed.

☐ **Math 2 Homeschool Kit** 2M06 \$108.65
Includes teacher's manual, student workbooks, meeting book, and math facts cards (flash cards). *First edition.*

☐ **Workbooks & Fact Cards 2**
Consumable 2M0SW \$30.95

☐ **Meeting Book 2** Consumable 2M07 \$15.25

☐ **Manipulatives Set S2** 2M05 \$59.99
Complete set of manipulatives for use with the Saxon Math program in grades 2 through 3 only. Includes everything in Kit 1M08, except it does not include multicolor multilink cubes.

Math 3

Ages 8 | 9 | 10

☐ **Teaching Textbooks 3rd Grade** 3M20 \$119.90
Included in Sonlight® Grade 3 Multi-Subject Package

Teach all topics normally covered in 3rd grade: whole numbers, fractions, decimals, percents, units of measure, and simple geometry. Students watch video lectures on CD-ROM, then enter their answer to each workbook Consumable problem in the computer, which records their grades automatically. When they need help or review, you've got a printed Answer Key plus audiovisual solutions for every homework and quiz problem on 4 CD-ROMs. For Windows PC and Mac. Learn more on page 111.

☐ **Teaching Textbook Math 3 Wkbook**
Consumable 3M22 \$39.95

OR

☐ **Horizons 3 Program** H3M \$184.94
Includes the 2 items listed.

☐ **Horizons Math 3** 3M30 \$79.95
Lessons cover word numbers up to 1,000,000 and explain order principle, parentheses, distributive property, and positive and negative numbers. The scope for 3 also includes division facts 1-10, advanced multiplication with two-, three-, and four-digit multipliers, and illustrates volume of a cube and rectangular prism. Includes Teacher's Handbook.

☐ **Student Wkbook 1** Consumable 3M31 \$18.95

☐ **Student Wkbook 2** Consumable 3M32 \$18.95

☐ **Reproducible Worksheets** 3M33 \$9.95

☐ **Manipulatives Kit for Horizons Math 1-3** RM35 \$104.99
See Math 1 for full description.

Optional resource (If you own KM35)

☐ **Manipulatives "Filler" Kit for Horizons Math 1-3** RM40 \$59.99
See Math 1 for full description.

OR

☐ **Singapore 3 Program** 3M2US \$89.18
Includes the 3 items listed.

☐ **Primary Math 3A** 3MAUS \$41.09
One b&w consumable pb workbook; one b&w and pink, non-consumable pb textbook; Home Instructor's Guide.

☐ **3A Textbook** 3MUS11 \$11.80

☐ **3A Workbook** Consumable 3MUS12 \$11.80

☐ **3A Home Instructor's Guide** 3M14 \$17.49

☐ **Primary Math 3B** 3MBUS \$41.09
One b&w consumable pb workbook; one b&w and pink, non-consumable pb textbook; Home Instructor's Guide.

☐ **3B Textbook** 3MUS21 \$11.80

☐ **3B Workbook** Consumable 3MUS22 \$11.80

☐ **3B Home Instructor's Guide** 3M24 \$17.49

☐ **Multiplication & Division Flash Cards** RM08 \$7.00
Sturdy sets of 50 large, double-sided problem cards plus four "game" cards explaining games that increase interest in memorizing math facts (multiplication), 90 cards plus one "game" card (division).

☐ **Multiplication Cards** RM081 \$3.50

☐ **Division Cards** RM082 \$3.50

Recommended Resource

☐ **Vroot and Vroom** RM168 \$25.00
Covers the subject matter of *Primary Math 3A* through *4B* in exciting activities and two fast-paced games on CD-ROM. Covers angles; area and perimeter; fractions; graphs; problem solving; solid figures; symmetry. See p.122 for system requirements.

OR

☐ **Saxon 3 Program** 3MS \$141.99
Includes the 2 items listed.

☐ **Math 3 Homeschool Kit** 3M09 \$112.00
Kit includes teacher's manual, student workbooks, and meeting book and math facts cards (flash cards). *First edition.* Workbooks and meeting book are consumable (meeting book is consumed each time the course is taught; *not* per student).

☐ **Math 3 Wkbs & Fact Cards**
Consumable 3M0SW \$30.95

☐ **Math 3 Meeting Book** Consumable 3M10 \$15.25

☐ **Manipulatives Set S3** 3M07 \$29.99
Complete set of manipulatives for use with the Saxon Math program in grade 3 only. Includes everything in Kit 2M05, above, except it does not include plastic balance, geoboards, and tangrams.

PRACTICAL HELP FOR HOMESCHOOLERS

sonlight.com/homeschool-101



"One of my prayers for homeschooling our children was that they would have fun while learning together," writes Sarah R of Adel, IA. "Sonlight has helped answer this prayer by providing great Read-Alouds, history lessons, math manipulatives, science experiments and Bible memory verses set to music that we can enjoy together." Here, Samantha (7), who is studying Core C, works on her math. Sister Karli (4) is using P4/5. The family has been studying with Sonlight four years.



"I was delighted to find my son teaching his little sister, Abigail, arithmetic using a Singapore Math textbook," writes Rowena M of Asia. "This is only one instance of how Sonlight brings children together through shared experiences listening to Mom read aloud, reading historical fiction and playing together to recreate what they've learned." Jonathan (11) is using Core G and Singapore Math in the family's first year of homeschooling with Sonlight.



MATH

Math 4

Ages 9 | 10 | 11

☐ Teaching Textbooks 4th Grade + Mathtacular3

T4M \$144.89

Included in Sonlight® Grade 4 Multi-Subject Package

☐ Teaching Textbooks 4th Grade

4M20 \$119.90

Teach all topics normally covered in 4th grade: whole numbers, fractions, percents, units of measure, simple geometry and more. Students watch video lectures on CD-ROM, do practice problems in the 640-page workbook Consumable, and take quizzes on your computer-which records their grade automatically. When they need help or review, you've got a printed Answer Key plus audiovisual solutions for every homework and quiz problem on 4 CD-ROMs. For Windows PC and Mac. Learn more on page 111.

☐ Teaching Textbook Math 4 Workbook

Consumable

4M22 \$39.95

☐ MathTacular®3 (DVD)

RM37 \$24.99

Learn over 50 math concepts in this fun DVD (nearly 4 hours), including prime numbers, factors, angles, coordinate planes, time zones, conversion, long division and more! Find all three MathTacular® videos on page 123.

☐ Horizons 4 Program

H4M \$194.93

Includes the 3 items listed.

☐ Horizons Math 4

4M30 \$79.95

Students multiply “2-digit times 2-digit” with carrying, divide with 2-digit divisor and quotient, and add and subtract with unlike fractions. Also contains graphing, equations, and pre-algebra concepts. Includes Teacher’s Handbook.

☐ Student Wkbook 1

Consumable 4M31 \$18.95

☐ Student Wkbook 2

Consumable 4M32 \$18.95

☐ Reproducible Worksheets

4M33 \$9.95

☐ Math 4 Manipulatives Kit

4M35 \$89.99

The boxed manipulatives set for the Horizons 4 Math program contains a 60-inch tape measure, folding meter stick, compass, pad of graph paper, platform scale and more. Storage box included. Teachers Handbook gives instructions to make your own manipulatives kit.

☐ MathTacular®3 (DVD)

RM37 \$24.99

Learn over 50 math concepts in this fun DVD (nearly 4 hours), including prime numbers, factors, angles, coordinate planes, time zones, conversion, long division and more! Find all three MathTacular® videos on page 123.

☐ Singapore 4 Program

4M2US \$86.43

Includes the 3 items listed.

☐ Primary Math 4A

4MAUS \$41.09

One b&w consumable pb workbook; one b&w and blue, non-consumable pb textbook; Home Instructor’s Guide.

☐ 4A Textbook

4MUS11 \$11.80

☐ 4A Workbook

Consumable 4MUS12 \$11.80

☐ 4A Home Instructor’s Guide

4M14 \$17.49

☐ Primary Math 4B

4MBUS \$41.09

One b&w consumable pb workbook; one b&w and blue, non-consumable pb textbook; Home Instructor’s Guide.

☐ 4B Textbook

4MUS21 \$11.80

☐ 4B Workbook

Consumable 4MUS22 \$11.80

☐ 4B Home Instructor’s Guide

4M24 \$17.49

☐ 8-Piece Protractor, Compass, Triangle Set

RM68 \$4.25

Tools you’ll find useful in all upper-level math programs. Includes protractor, compass, two triangles, straight-edge, pencil, eraser, and sharpener all in a convenient plastic case.

Recommended Resource

☐ Vroot and Vroom

RM168 \$25.00

See Singapore Math 3 for full description.



“Sonlight has given me the tools and confidence to school my children at home and bring my family back together,” writes Allison H of Bridgeport, WV. “My husband doesn’t work a traditional 8–5 job with week-ends off. This was never an issue until my oldest went to public school. Some weeks it would be days before we had any time together. Sonlight has allowed us the freedom to school when it’s convenient and rebuild strong family ties. Here, Seth (7) takes a break from his work to encourage and help sister Hadley (5) with Math. What an amazing example of how Christ wants us to live our lives! Thank you, Sonlight, for allowing this moment to happen.” The H family is using Core A in their first year of Sonlight study.

ONE-YEAR see p. 24
MONEY-BACK
LOVE TO LEARN, LOVE TO TEACH
GUARANTEE

☐ Saxon 5/4 Program

4MS \$144.00

Includes the 2 items listed.

☐ Saxon 5/4 Homeschool Kit

4M04 \$94.00

Softbound student edition, Tests/Worksheets, Solutions Manual. Third edition.

☐ Tests/Worksheets 5/4

Consumable

4M041 \$23.10

☐ Dive CD Math 5/4

4M043 \$50.00

(Windows and Mac; 3rd Edition)

Required Resource

☐ Cuisenaire Rods

4M05 \$11.99

Seventy-four rectangular plastic rods that vary from one unit (a cube) to ten units in length. Each length comes in a specific color (the one-unit length is always white; the two-unit length, red; etc.). By manipulating the rods, children are able to “see,” in a neutral, physical form, what happens on the theoretical level when they add, subtract, multiply and divide. Useful to teach place value and general numerics-or just playing around! We use ours a lot.

Math 5

Ages 10 | 11 | 12

☐ Teaching Textbooks 5th Grade

5M20 \$119.90

Included in Sonlight® Grade 5 Multi-Subject Package.

Teach all topics normally covered in 5th grade: whole numbers, fractions, decimals, percents, units of measure, and simple geometry. Students watch video lectures on CD-ROM, then enter their answer to each workbook Consumable problem in the computer, which records their grades automatically. When they need help or review, you’ve got a printed Answer Key plus audiovisual solutions for every homework and quiz problem on 4 CD-ROMs. For Windows PC and Mac. Learn more on page 111.

☐ Teaching Textbook Math 5 Workbook

Consumable

5M22 \$39.95

“The moment I opened the box and brought out the books, my son started flipping through them and playing with the pattern blocks that came with his math set. We started school the very next day. We are now on our third year of home schooling, also our third with Sonlight.”

– Vivian T, July 2012



☐ **Horizons 5 Program** H5M \$179.94
Includes the 2 items listed.

☐ **Horizons Math 5** 5M30 \$79.95
Students write simple ratios; add and subtract fractions with uncommon denominators; use a compass and protractor; calculate probability with one variable; understand percentages; and recognize place value to a hundred billion. Includes Teacher's Handbook.

- ☐ **Student Wkbook 1** Consumable 5M31 \$18.95
- ☐ **Student Wkbook 2** Consumable 5M32 \$18.95
- ☐ **Reproducible Worksheets** 5M33 \$9.95

☐ **Math 5 Manipulatives Kit** 5M35 \$99.99
Complete, boxed set of manipulatives for use with the Horizons 5 Math program includes a plastic protractor, index cards, 4-inch geared mini-clock, set of 100 centimeter cubes and construction paper pad. Storage box included. Teachers Handbook gives instructions to make your own manipulatives kit.

OR

☐ **Singapore 5 Program** 5M2US \$77.38
Includes the 2 items listed.

☐ **Primary Math 5A** 5MAUS \$38.69
One b&w consumable pb workbook; one b&w and green, non-consumable pb textbook; Home Instructor's Guide.

- ☐ **5A Textbook** 5MUS11 \$10.60
- ☐ **5A Workbook** Consumable 5MUS12 \$10.60
- ☐ **5A Home Instructor's Guide** 5M14 \$17.49

☐ **Primary Math 5B** 5MBUS \$38.69
One b&w consumable pb workbook; one b&w and green, non-consumable pb textbook; Home Instructor's Guide.

- ☐ **5B Textbook** 5MUS21 \$10.60
- ☐ **5B Workbook** Consumable 5MUS22 \$10.60
- ☐ **5B Home Instructor's Guide** 5M24 \$17.49

Program requires:

☐ **8-Piece Protractor, Compass, Triangle Set** RM68 \$4.25
See Math 4 for full description.

Recommended Resource

☐ **Wiggle Woods** RM169 \$25.00
Terrible name, I know, but this CD-ROM does cover the subject matter of *Primary Math 5A* through *6B* by means of exciting activities and two fast-paced games. Covers ratios; area of a triangle; percentages; speed; circles. See p.122 for system requirements.

OR



SAVE OVER 10%

on everything when you purchase a Core Package pp. 26-89

☐ **Saxon 6/5 Program** 5MS \$144.00
Includes the 2 items listed.

☐ **Saxon 6/5 Homeschool Kit** 5M04 \$94.00
Softbound student edition, Tests/Worksheets, Solutions Manual. Third edition.

☐ **Math 6/5 Tests/Worksheets** Consumable 5M041 \$23.10

☐ **DIVE CD Math 6/5** 5M043 \$50.00
(Windows and Mac; 3rd Edition)

Program requires:

☐ **8-Piece Protractor, Compass, Triangle Set** RM68 \$4.25
See Math 4 for full description.

Math 6

Ages 11 | 12 | 13

☐ **Teaching Textbooks 6th Grade + MathTacular4** T6M \$199.89

☐ **Teaching Textbooks 6th Grade** 6M20 \$149.90
Teach all topics normally covered in 6th grade: fractions, decimals, percents, graphs, probability, simple geometry, units of measure, equations and more. Students watch video lectures on CD-ROM, do problems in the 623-page workbook Consumable, and enter their answers on your computer-which records their grade automatically. When they need help or review, you've got a printed Answer Key plus audiovisual solutions for every homework and quiz problem on 4 CD-ROMs. For Windows PC and Mac. Learn more on page 111.

☐ **Teaching Textbook Math 6 Wkbook** Consumable 6M22 \$39.95

☐ **MathTacular®4: Word Problems (DVD, Workbook & Answer Key)** RM4A \$49.99
Watch your students' fear of word problems disappear. In this hilarious mystery, Detective Justin and Amber Waves must crack the code of word problems and find a pork-napped pig! Students will learn a simple method to tackle word problems. The accompanying Workbook and Answer Key let kids work alongside the sleuths and gain mastery of word problems. DVD for ages 9-18/grades 4 and up. Workbook for ages 9 and up.

OR

"Using Sonlight allows our older daughter to work more and more independently. Between using Teaching Textbooks for math and the reading assignments, Marissa is able to do the major part of her school work by herself."

-Becky C, July, 2012

☐ **Horizons 6 Program** H6M \$154.94
Includes the 2 items listed.

☐ **Horizons Math 6** 6M30 \$79.95
The scope for 6 contains geometric construction of angles, triangles, squares and other shapes; exposure to integers; addition and subtraction with 2, 3, 4, 5, and 6 digits; addition and subtraction of equations; and more challenging problem solving. Includes Teacher's Handbook.

☐ **Student Wkbook 1** Consumable 6M31 \$18.95

☐ **Student Wkbook 2** Consumable 6M32 \$18.95

☐ **Reproducible Worksheets** 6M33 \$9.95

☐ **Math 6 Manipulatives Kit** 6M35 \$74.99
The boxed set of manipulatives for use with the Horizons 6 Math program includes platform scale, compass, pad of graph paper, 2-color plastic counters, thermometer and more. Storage box included. Teachers Handbook gives instructions to make your own manipulatives kit.

OR



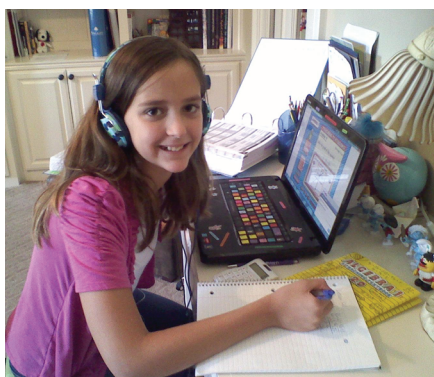
NEED HELP CHOOSING? TALK TO A CURRICULUM ADVISOR FOR FREE
sonlight.com/SCA



"Alexandra has a wonderful foundation for learning, with Sonlight's preschool Core," writes Erin S of Germany. "Because of this preparation, she was ready for this year's Core A. She started with Singapore Math's *Earlybird* books in her preschool years, which made her ready for *Singapore 1A* her kindergarten year. She also loves working in her *Explode the Code* books. She likes the funny pictures and sentences and has enjoyed learning with these books from the beginning." Alexandra (6) has been studying with Sonlight for three years.



“Homeschooling seemed like it was going to be difficult for someone like me (who isn’t great at math), but with products like Teaching Textbooks, the work is done for me,” writes Tracy I of Brownsburg, IN. “I had heard about the Teaching Textbooks curriculum through the Sonlight forums and finally decided to give it a try. It’s great hearing what works for other families and sharing tips and ideas. We’re a little different in that we do more than one math program to keep things fun and lively. (Kind of sounds like Sonlight, huh?!)” In her fifth year of Sonlight, Larkin (10), seen here enjoying her TT math lesson, has a full plate with Core E, Science D and E, ARTistic Pursuits and Rosetta Stone® language learning.



“I’ve already seen the results [of Sonlight] in the high scores achieved on SATs and ACTs,” writes Suzanne P of Baton Rouge, LA. “By time they get to college, I’m confident that my children will be capable of picking up almost any book on any subject and teaching themselves the material.” Weighing in on her Teaching Textbooks experience, Joy (10) says, “I like the little characters that give me hints; they’re cute!”

☐ **Singapore 6 Program** 6M2US \$95.18
Includes the 3 items listed.

☐ **Primary Math 6A** 6MAUS \$38.69
One b&w consumable pb workbook; one b&w and purple, non-consumable pb textbook, Home Instructor’s Guide.

- ☐ **6A Textbook** 6MUS11 \$10.60
- ☐ **6A Workbook** Consumable 6MUS12 \$10.60
- ☐ **6A Home Instructor’s Guide** 6M14 \$17.49

☐ **Primary Math 6B** 6MBUS \$38.69
One b&w consumable pb workbook; one b&w and purple, non-consumable pb textbook, Home Instructor’s Guide.

- ☐ **6B Textbook** 6MUS21 \$10.60
- ☐ **6B Workbook** Consumable 6MUS22 \$10.60
- ☐ **6B Home Instructor’s Guide** 6M24 \$17.49

☐ **Key To Percents® (Grades 4-12)** RM500 \$17.80
Includes all three consumable workbooks in the series (listed below), plus the non-consumable Answers and Notes volume. All workbooks are consumable.

- ☐ **1: Percent Concepts** RM501 \$3.95
- ☐ **2: Percents and Fractions** RM502 \$3.95
- ☐ **3: Percents and Decimals** RM503 \$3.95
- ☐ **Answers & Notes for Books 1-3** RM505 \$5.95

Required Resource

☐ **8-Piece Protractor, Compass, Triangle Set** RM68 \$4.25
See Math 4 for full description.

Recommended Resource

☐ **Wiggle Woods** RM169 \$25.00
See Singapore Math 5 for full description.

OR

☐ **Saxon 7/6 Program** 6MS \$154.10
Includes the 2 items listed.

☐ **Saxon 7/6 Homeschool Kit** 6M04 \$104.10
Softbound student edition, Tests/Worksheets, Solutions Manual. Fourth edition.

- ☐ **Math 7/6 Tests/Worksheets** Consumable 6M041 \$28.00

☐ **DIVE CD Math 7/6** 6M043 \$50.00
(Windows and Mac; 4th Edition)

Program requires:

☐ **8-Piece Protractor, Compass, Triangle Set** RM68 \$4.25
See Math 4 for full description.

Jr. High/Sr. High Math

Ages 12 | 13 | 14 | 15 | 16 | 17 | 18

Teaching Textbooks

☐ **7th Grade** 7M20 \$149.90
More on fractions, percents, decimals, probability and graphs-plus statistics, inequalities, geometry and “real-world” math. 588-page workbook Consumable¹, answer booklet and 4 CD-ROMs with 115 animated lectures, automatic grading and step-by-step solutions to every homework and quiz problem. For Windows PC and Mac.

- ☐ **Teaching Textbook** 7M22 \$39.95
- ☐ **Math 7 Textbook and Wkbook** Consumable

☐ **Pre-Algebra (7th or 8th grade)** 7M10 \$184.90
Get ready for algebra with 126 multimedia lessons and nearly 3,000 homework problems. 600-page workbook, answer key/test bank booklet, 3 CD-ROMs with animated lectures and practice problems, and 5 CD-ROMs with audiovisual solutions to every homework and test problem. For Windows and Mac.

- ☐ **Teaching Textbook** 7M101 \$59.95
- ☐ **Pre-Algebra Textbook and Answer Key**

☐ **Algebra 1 (9th grade)** 171-10 \$184.90
Learn basic algebra concepts in 129 multimedia lessons and thousands of homework problems. 654-page workbook, answer key/test bank booklet, 3 CD-ROMs with animated lectures and practice problems, and 5 CD-ROMs with audiovisual solutions to every homework and test problem. For Windows and Mac.

- ☐ **Teaching Textbook** 171-101 \$59.95
- ☐ **Algebra 1 Textbook and Answer Key**

☐ **Algebra 2 (10th grade)** 271-10 \$184.90
Continue mastering new algebra concepts. 753-page workbook, answer key/test bank booklet, 4 CD-ROMs with animated lectures and practice problems, and 7 CD-ROMs with audiovisual solutions to every homework and test problem. For Windows and Mac.

- ☐ **Teaching Textbook** 271-101 \$79.95
- ☐ **Algebra 2 Textbook and Answer Key**

☐ **Geometry (11th grade)** 371-11 \$184.90
Equip students in deeper concepts of geometry. 753-page workbook, answer key/test bank booklet, 4 CD-ROMs with animated lectures and practice problems, and 7 CD-ROMs with audiovisual solutions to every homework and test problem. For Windows and Mac.

- ☐ **Teaching Textbook** 371-111 \$79.95
- ☐ **Geometry Textbook and Answer Key**

☐ **Pre-Calculus (12th grade)** 471-20 \$184.90
High schoolers with a gift or love for math can soar into advanced concepts and get ready for college-level Calculus: 906-page workbook, answer key/test bank booklet, 4 CD-ROMs filled with audiovisual practice problems, and 8 CD-ROMs with audiovisual solutions to every homework and test problem. For Windows and Mac.

- ☐ **Teaching Textbook** 471-21 \$79.95
- ☐ **Pre-Calculus Textbook and Answer Key**

1. Textbooks are consumable if your student writes in the book. Can be re-used if your student does work on another paper.





Thinkwell

- ☐ **Calculus Complete** 571-11 \$179.00
Includes full College Calculus I and II-two full semesters of college coursework; closer to two years of high school math.

Resources

When your child needs a little extra instruction in a particular topic, check out these useful supplements.

Key to ...

- ☐ **Key To Algebra®** RM100 \$57.35
Includes all ten consumable workbooks in the series (listed below), plus the three Non-Consumable Answers and Notes volumes. All workbooks are consumable, Grades: 5-12

- ☐ **1: Operations on Integers** RM101 \$3.95
- ☐ **2: Variables, Terms, and Expressions** RM102 \$3.95
- ☐ **3: Equations** RM103 \$3.95
- ☐ **4: Polynomials** RM104 \$3.95
- ☐ **5: Rational Numbers** RM105 \$3.95
- ☐ **6: Multiplying and Dividing Rational Expressions** RM106 \$3.95
- ☐ **7: Adding and Subtracting Rational Expressions** RM107 \$3.95
- ☐ **8: Graphs** RM108 \$3.95
- ☐ **9: Systems of Equations** RM109 \$3.95
- ☐ **10: Square Roots and Quadratic Equations** RM110 \$3.95
- ☐ **Answers and Notes for Books 1-4** RM111 \$5.95
- ☐ **Answers and Notes for Books 5-7** RM112 \$5.95
- ☐ **Answers and Notes for Books 8-10** RM113 \$5.95
- ☐ **Workbooks 1-10 only** RM10X \$39.50

- ☐ **Key To Measurements®** RM600 \$21.75
For the English/imperial system of measurement. Students learn how the measuring systems work and do engaging activities related to the various measurements. Includes all four consumable workbooks in the series (listed below), plus the Non-Consumable Answers and Notes volume. All workbooks are consumable, Grades: 5-12

- ☐ **1: English Units of Length** RM601 \$3.95
- ☐ **2: Measuring Length & Perimeter** RM602 \$3.95
- ☐ **3: Finding Area & Volume** RM603 \$3.95
- ☐ **4: English Units for Weight, Capacity, Temperature, & Time** RM604 \$3.95
- ☐ **Answers & Notes for Books 1-4** RM605 \$5.95
- ☐ **Workbooks 1-4 only** RM60X \$15.80

- ☐ **Key To Fractions®** RM300 \$21.75
Includes all four consumable workbooks in the series (listed below), plus the Non-Consumable Answers and Notes volume. All workbooks are consumable, Grades: 4-12

- ☐ **1: Fraction Concepts** RM301 \$3.95
- ☐ **2: Multiplying and Dividing** RM302 \$3.95

- ☐ **3: Adding and Subtracting** RM303 \$3.95
- ☐ **4: Mixed Numbers** RM304 \$3.95
- ☐ **Answers and Notes for Books 1-4** RM305 \$5.95
- ☐ **Workbooks 1-4 only** RM30X \$15.80

- ☐ **Key To Decimals®** RM400 \$21.75
Includes all four consumable workbooks in the series (listed below), plus the Non-Consumable Answers and Notes volume. All workbooks are consumable, Grades: 4-12

- ☐ **1: Decimal Concepts** RM401 \$3.95
- ☐ **2: Adding, Subtracting, and Multiplying** RM402 \$3.95
- ☐ **3: Dividing** RM403 \$3.95
- ☐ **4: Using Decimals** RM404 \$3.95
- ☐ **Answers & Notes for Books 1-4** RM405 \$5.95
- ☐ **Workbooks 1-4 only** RM40X \$15.80

- ☐ **Key To Percents®** RM500 \$17.80
Includes all three consumable workbooks in the series (listed below), plus the Non-Consumable Answers and Notes volume. All workbooks are consumable, Grades: 4-12

- ☐ **1: Percent Concepts** RM501 \$3.95
- ☐ **2: Percents and Fractions** RM502 \$3.95
- ☐ **3: Percents and Decimals** RM503 \$3.95
- ☐ **Answers & Notes for Books 1-3** RM505 \$5.95
- ☐ **Workbooks 1-3 only** RM50X \$11.85

Singapore Math® (see p.112)

Supplements

Singaporean students succeed in math not only because of the great curriculum they have to work with, but because of the practice problems they do outside the base curriculum.

We carry the following materials (US Editions) to permit you to acquire the same "extra" practice.

Primary Mathematics Intensive Practice

These exercises provide a wide variety of questions to enhance the concepts covered in Singapore Primary Math. The problems are generally presented in an interesting format that does not repeat the course material but rather extends the student's understanding of the concepts. "Take the Challenge" sections contain "thinking-skills" or non-routine problems designed to enhance the students problem solving abilities. Consumable

- ☐ **Primary Math Intensive 1A** RM182 \$10.80
- ☐ **Primary Math Intensive 1B** RM183 \$10.80
- ☐ **Primary Math Intensive 2A** RM184 \$10.80
- ☐ **Primary Math Intensive 2B** RM185 \$10.80
- ☐ **Primary Math Intensive 3A** RM186 \$10.80
- ☐ **Primary Math Intensive 3B** RM187 \$10.80
- ☐ **Primary Math Intensive 4A** RM188 \$10.80
- ☐ **Primary Math Intensive 4B** RM189 \$10.80
- ☐ **Primary Math Intensive 5A** RM190 \$10.80
- ☐ **Primary Math Intensive 5B** RM191 \$10.80
- ☐ **Primary Math Intensive 6A** RM192 \$10.80
- ☐ **Primary Math Intensive 6B** RM193 \$10.80

Additional products available at sonlight.com/singapore-grade-overview.html.

Manipulatives

Complete descriptions available online.

- ☐ **Mini Plastic Balance K-2** MM10 \$10.99
- ☐ **Base 10 Starter Set K-3** MM12 \$39.99
- ☐ **Gram Scale 2-6** SS595I \$8.99
- ☐ **Angle Ruler 2-6** MM05 \$4.49
- ☐ **Hundreds Board Set K-5** RM06 \$2.20
- ☐ **Multi-link Cubes K-3** MM04 \$14.95
- ☐ **Bingo Markers K-5** KL081 \$1.75

- ☐ **Handbook for Singapore Math Teachers** RM170 \$35.00

Want to learn the "method behind the madness," the "secrets" to how and why Singapore Math is taught as it is? This is your book. Written by math teachers from Singapore, it is a general handbook for all elementary (i.e., "Primary") levels. Filled with teaching tips, relevant examples, lesson plans, ideas for enrichment activities; heuristics (methods or processes) for problem-solving. Discusses assessing students' progress and the use of information technology in math education. Oversize spiral bound. Please see sonlight.com/RM170.html for further information and samples.

Singapore Math Answer Keys for levels 1-6

- ☐ **SM Answer Key Only, Levels 1-3** RM180 \$10.80
- ☐ **SM Answer Key Only, Levels 4-6** RM181 \$10.80



"We love how Teaching Textbooks turns Math into a positive learning experience,"

writes Jennifer W of Richardson, TX. "Why are you doing Math?," Lukas is asked by his sister. 'Because I want to!' came the reply. It may seem odd that he would want to work on on a summer day, but not really, when you understand how much he loves Math. Here, he's finishing up Teaching Textbooks' Pre-Algebra program so he can start Algebra I when summer break is over. He enjoys the animations that come along with his lessons, giving clues and hints as he works on new material after listening to a lecture. He also loves to check his scores with the automatic grading feature." Luke (11) and sister Vashti (13) are studying Cores H in their seventh Sonlight year.



MATH

Singapore Math® CD-ROMs

These interactive CDs provide interesting, challenging, and fun-filled activities that reinforce students' understanding of mathematical concepts and help develop mathematical skills. Guided explorations, word problems, clear explanations and immediate feedback all combine to maximize the learning opportunity. Windows 95/98/ME/XP/Vista/7. **Requires 32-Bit machine. Not compatible with Mac computers.** To maximize the experience, your computer should have a Windows-compatible sound card. **CDs cannot be returned for a refund if they have been opened.**

- ☐ **Rainbow Rock** RM167 \$25.00
Bronze medal-winner in the Educational and Computer Science category of an international interactive multimedia competition. Covers the subject matter of Primary Math 1A through 2B in exciting activities and two fast-paced games on CD-ROM. Covers counting; mental calculation; addition, subtraction, multiplication, division; using fractions; shape and pattern recognition; spatial visualization; and solving word problems.
- ☐ **Vroot and Vroom** RM168 \$25.00
Covers the subject matter of Primary Math 3A through 4B in exciting activities and two fast-paced games on CD-ROM. Covers angles; area and perimeter; fractions; graphs; problem solving; solid figures; symmetry.
- ☐ **Wiggle Woods** RM169 \$25.00
Terrible name, I know, but this CD-ROM does cover the subject matter of Primary Math 5A through 6B by means of exciting activities and two fast-paced games. Covers ratios; area of a triangle; percentages; speed; circles.



"Core A was truly a survey of world cultures and history. My kids often talked about different times and had pretend play that mimicked what they were learning about," writes Alyssa P of Bethel, AK. "I am very glad that we chose Sonlight since it is very complete and well organized. We are in the first few weeks of Core B now and Core P4/5 for the second time. Thank you Sonlight for making my job a little easier." While studying the medieval time period last year in Core A, Alyssa thought it'd be fun to make a castle cake. Adeline (5) and Andrew (3) were adamant that it needed a moat, flags and a drawbridge. Here, they happily apply (and eat) the frosting.

Horizon

- ☐ **Manipulatives "Filler" Kit for Horizons Math 1-3** RM40 \$59.99
Money-Saving Tip: If you already have the Horizons Math K kit (KM35), simply add this set. You'll have everything you'd get in our Horizons Math 1-3 kit (RM35 above), without having to buy several duplicate items. |

Miquon

- ☐ **Annotated Lab Notes (Teacher's Guide)** RM02 \$17.95
Though you can get significant value from the workbooks on their own, the Lab Notes offer specific and helpful instructions, suggestions, and anecdotes for each and every page. A great value. Provides helps for all the Miquon workbooks.
- ☐ **First Year Program (First/Second Grade)** 1MM \$33.85
Includes the Orange and Red Workbooks 1M03 and 1M04, plus the *Annotated Lab Notes* RM02. **Requires Cuisenaire Rods** 4M05.
 - ☐ **Orange Level Workbook** 1M03 \$7.95
 - ☐ **Red Level Workbook** 1M04 \$7.95
- ☐ **Second Year Program (Second/Third Grade)** 2MM \$15.90
Includes the Blue and Green Workbooks. Normal prerequisite to using 2MM: 1MM. **Requires Cuisenaire Rods** 4M05.
 - ☐ **Blue Level Workbook** 2M02 \$7.95
 - ☐ **Green Level Workbook** 2M03 \$7.95
- ☐ **Third Year Program (Third/Fourth Grade)** 3MM \$15.90
Includes the Yellow and Purple Workbooks. Normal prerequisite to using 3MM: 2MM. You need not do 1MM, but you should do 2MM. Make sure you purchase the *Annotated Lab Notes*. **Requires Cuisenaire Rods** 4M05. Also purchase *Annotated Lab Notes* RM02 if you don't already own it.
 - ☐ **Yellow Level Workbook** 3M03 \$7.95
 - ☐ **Purple Level Workbook** 3M04 \$7.95
- ☐ **Cuisenaire Rods** 4M05 \$11.99
See below for full description.

General

- ☐ **Cuisenaire Rods** 4M05 \$11.99
Seventy-four rectangular plastic rods that vary from one unit (a cube) to ten units in length. Each length comes in a specific color (the one-unit length is always white; the two-unit length, red; etc.). By manipulating the rods, children are able to "see," in a neutral, physical form, what happens on the theoretical level when they add, subtract, multiply and divide. Useful to teach place value and general numerics-or just playing around! We use ours a lot.

- ☐ **Time for Friends** RM31 \$9.99
Holzmann. Frog wakes up to a beautiful day. He wants to share it with friends, but ... where have they gone? Follow the clocks as Frog learns that, although his day doesn't go as planned, unexpected surprises can bring great joy. Charmingly illustrated introduction to teaching kids about time. | Hb | @ P-3 | 3-5

- ☐ **Wooden Pattern Blocks and Boards** RR57 \$14.99
Colorful and sturdy, these 120 wooden shapes fit together in limitless design possibilities. Use the 10 different patterned boards included or let your children "free play" as they practice shapes, colors and spatial relationships. | Ages: 3-6

- ☐ **Math on Call** RR801 \$29.49
This extraordinary reference is the perfect aid for any parent who wants assistance helping her child with math homework. Math on Call covers a wide range of topics from number theory to fractions to algebra to geometry, all in an easy to understand, highly illustrated format. | Pb.

- ☐ **8-Piece Protractor, Compass, Triangle Set** RM68 \$4.25
Tools you'll find useful in all upper-level math programs. Includes protractor, compass, two triangles, straight-edge, pencil, eraser, and sharpener all in a convenient plastic case.

Audio Memory® Materials

If your child is struggling with his or her math facts, you can hardly ask for a more "patient" teacher. Easy sing-along echo songs drill what you need to know. Vocalists' diction is extremely clear.

- ☐ **Addition Songs (CD)** RM65 \$12.95
Learn counting 1 to 20 and all the addition facts from 1+1 to 9+9. Includes a reproducible songbook/workbook.
- ☐ **Subtraction Songs (CD)** RM66 \$12.95
Learn all the subtraction facts from 1-1=0 to 20-12=8. Easy sing-along echo songs plus a reproducible songbook/workbook.
- ☐ **Multiplication Songs (CD)** RM67 \$12.95
Learn the multiplication tables from 2x2 through 12x12.

"Since we got MathTacular, my girls have really been into math!"
- rcmom, Feb. 2011

"We've been using the FlashMaster almost every day for more than two years now and it's greatly helping with learning math facts."
- Jtjsrj, Sept. 2012





Your children can understand and enjoy numbers like never before.

Who would guess learning math could be this much fun?!

Apples teach fractions, cars serve as rulers, a bear hunter shares his snacks ... and your kids may get hooked on math. Help your children turn basic understanding into a natural ability to remember and use what they learn.

"Professor" Justin and his friends get into one hilarious situation after another. While your children watch and laugh, Justin unlocks concepts from top "elementary math" programs-including Horizons, Saxon and Singapore Math®.

MathTacular® can be a great teaching help for the ages/grades shown here, and a fun "refresher" for older students. Founded in concrete skills, enriched with creativity, and splashed with humor, *MathTacular®* could become your children's favorite math supplement.

"All of my kids enjoy watching MathTacular - it's better than a movie and they learn so much!"

-Vicktoriya M, June 2012

"My children watch MathTacular after school. [We often] find neighbor children huddled around laughing and enjoying Justin as he explains a math concept."

-Geoffrey B, Aug. 2011

MathTacular®

RM32 \$24.99



In nearly 100 fun real-life examples, Justin demonstrates addition, subtraction, ordinal numbers, mass, fractions, measuring and more. For ages 4-7/grades PreK-2. DVD video (about 4 hours) includes printable PDF helps. Included in Sonlight® Kindergarten Multi-Subject Package.

MathTacular®2

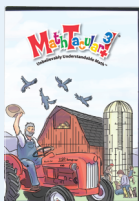
RM33 \$17.49



Students review addition and subtraction facts from the original *MathTacular®*, and discover new tricks to help them memorize. Justin's clear, funny real-world scenarios help teach over 20 concepts: money, time, place value, area, statistics, perimeter, graphs, estimating, basic geometry and more. For ages 7-10/grades 2-4. DVD video, about 2 hours. Included in Sonlight® Grade 2 Multi-Subject Package.

MathTacular®3

RM37 \$24.99



Start with a review of multiplication and division facts from *MathTacular2*, then watch Justin and friends take the mystery out of more than 50 new concepts, including: prime numbers, factors, angles, coordinate planes, time zones, conversion, long division and lots more! For ages 8-11/grades 3-5. DVD video (about 4 hours). Included in Sonlight® Grade 4 Multi-Subject Package.

MathTacular®4: Word Problems (DVD, Workbook & Answer Key)

RM44 \$49.99



Watch your students' fear of word problems disappear. In this hilarious mystery, Detective Justin and Amber Waves must crack the code of word problems and find a pork-napped pig!

Students will learn a simple method to tackle word problems. The accompanying Workbook and Answer Key let kids work alongside the sleuths and gain mastery of word problems. DVD for ages 9-18/grades 4 and up. Workbook for grade 6 and up.

MathTacular4: Word Problems (DVD only)

RM41 \$24.99

MathTacular4 Workbook

RM42 \$14.99

MathTacular4 Answer Key

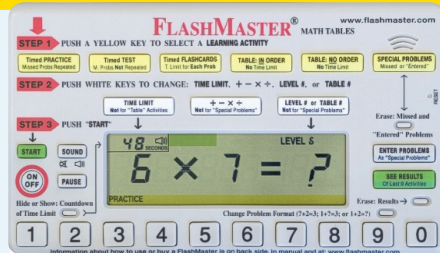
RM43 \$12.99

MathTacular® Bundle (1-4)

RM50 \$116.99

Want the best value? Get all the MathTacular products in one bundle and save even more. Includes MathTacular 1, 2, 3 and the entire MathTacular4 kit (DVD, Workbook and Answer Key).

FlashMaster: the fun way to master math facts!



With *FlashMaster*, a hand-held electronic device, math facts become gripping games. One mom wrote, "When we received the *FlashMaster*, our 6-year-old daughter, who was very reluctant to practice her math facts, transformed into an eager learner."

Another mom said, "Our daughter has increased her time and accuracy significantly. Thanks for giving us a teacher that is fun!"

Another wrote, "I cringed at spending \$50 for a 'flashcard' machine, but after having used it with

my kids, I think I'm going to have to buy another to keep them from fighting over it!"

You'll never have to use flashcards to drill reluctant children again. Even if they still don't love math facts, you'll all appreciate how much more effective and independent it is compared to regular flashcards. *FlashMaster* replaces flashcards, timed practice and timed tests. It includes:

- Addition: 0+0=0 through 9+9=18
- Subtraction: 0-0=0 through 18-9=9
- Multiplication: 0x0=0 through 12x12=144
- Division: 0÷1=0 through 144÷12=12
- Nine levels of difficulty
- Time limits-per activity or per problem
- Choice of format: 1+2=?, 1+?=3 and ?+2=3
- Option to focus on specific sets of problems (including ones your kids miss the most)
- Ability to review results from previous quizzes

FlashMaster is incredibly easy to use. Just show your children how it works-a simple task-and turn them loose. It takes no more than 10 minutes a day of your children's time.

FlashMaster costs \$59.95. Is it worth it? The parents who've purchased it certainly think so.

If your children have ever struggled to learn math facts or lacked motivation to practice their tables, then *FlashMaster* is precisely what you need. (Batteries included.)

FlashMaster®

RM25 \$59.95

(ages 6 & up)

"My 9-year-olds are fluent in +, -, x and ÷ through 12s and they love the drill time."

-M&C Momma, Aug. 2011

*Note: Due to import restrictions, we cannot ship FlashMaster to some countries. Go to sonlight.com/RM25 for details.