

2012 Homeschool Curriculum

Free Brochure - Please Take One

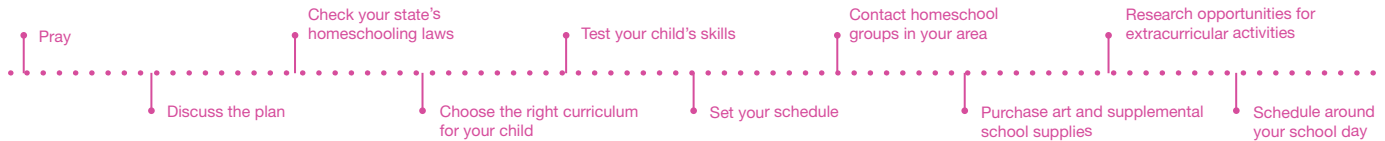


Over 250 Courses!

Switched-On Schoolhouse Celebrates 15th Anniversary!



The Homeschooler's Guide to Getting Started



In 2012, Alpha Omega Publications celebrates faithfully serving families and educators for 35 years! Whether you're new to homeschooling or a veteran educator, AOP is pleased to partner with so many wonderful retailers around the globe to assist you through this journey. We appreciate that every student, parent, and educator has specific needs, educational goals, and a unique story to tell.

You have received this brochure from one of our certified retail partners, and we thank you for shopping with them. Our partners are committed to helping you find the best products and resources to meet the needs of your student. Although our programs are mostly used by home educators, they are great for any family looking to provide educational enrichment for their child. If your retailer doesn't have an item in stock, please ask if it can be ordered for you!

We encourage you to read about our three major brands (LIFEPAC, Horizons, and Switched-On Schoolhouse), so you can customize a program to meet the needs of your student. Choose entirely from one line or enjoy the freedom to mix and match subjects and electives from a variety of PreK-12 learning options.

Top 10 Tips for First-time Homeschoolers

Pray and ask for God's leading. Homeschooling is a supremely satisfying undertaking, but it's also a full-time commitment.

Discuss the plan with your spouse or a family member and secure support.

Check your state's homeschooling laws and file any necessary paperwork before your school year begins.

Choose the right curriculum and courses for your child by visiting local homeschool stores to familiarize yourself with products.

Test your child's skills in core subjects if you are uncertain of his or her grade level. For example, a student may have challenges with pre-algebra if he or she did not master multiplication tables.

Set your school year schedule and dedicate an area in your home for your homeschool.

Contact homeschool groups in your area for encouragement and inspiration.

Purchase art and supplemental school supplies appropriate to your child's grade level.

Research opportunities for extracurricular activities, such as sports and music.

Schedule appointments and errands around your school day and structure daily activities around the whole family.

AOP's Family of Brands



Switched-On Schoolhouse

is a computer-based curriculum for grades 3-12 that features automatic grading and over 50,000 multimedia elements. SOS offers courses in five core subjects and over 85 electives, including SOS State History for all 50 states.

LIFEPAC

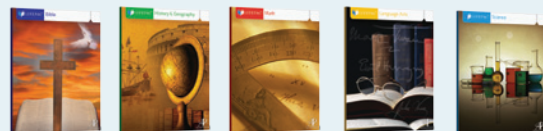
is a print-based curriculum for grades K-12 that is the culmination of 35 years of development. Combining textbook and workbook lessons into "worktext" units, LIFEPAC includes five core subjects and over 15 electives.

Horizons

is an engaging workbook curriculum that offers courses in math (K-8), phonics and reading (K-3), penmanship (1-5), spelling and vocabulary (1-3), health (K-8), and physical education (PreK-12), as well as a complete preschool curriculum.

Customize Your Homeschool

Examples:



LIFEPAC 5-subject Set



What are the benefits of homeschooling?

As both a parent and a teacher, you'll discover that homeschooling provides a flexible and fun education for your family while opening many additional opportunities to do the following:

- Tailor your educational program to fit your child's individual needs and learning style.
- Grow closer as a family.
- Develop your child's unique interests and God-given talents while dedicating more time to weak areas.
- One-on-one instruction provides more opportunities for hands-on learning and mastery of the concept or task being taught.
- Teach an academic skill or concept until your child learns it.

- Build your child's confidence and self-esteem.
- You are in control of what your children are exposed to and what they learn.
- Help your child love learning, rather than just making a grade.
- Homeschoolers score 34-39% above average on standardized achievement tests, according to the Home School Legal Defense Association's Progress Report 2009.
- According to a 2011 report by the research firm Ambient Insight, the number of homeschool students will grow 9.5% annually for the next five years, reaching 4.6 million in 2015.

What should I know before getting started?

What qualifications do I need to homeschool?

The ability to homeschool does not require a college degree or an impressive educational background. You simply need commitment, organizational skills, practical financial planning, and the ability to teach, make personal sacrifices, and set God-inspired goals.

Where do I find homeschool curriculum, and how do I know what to teach?

Your local homeschool retailer offers the best opportunity to see products in person and make the most informed buying decision. Select courses based on your child's grade level or ask about placement test resources.

How do I homeschool legally?

Homeschooling is legal in all 50 states. We recommend contacting your state and local homeschool associations for additional information.

Which homeschooling approach is best for my family?

Start by determining whether a computer-based or print-based curriculum would best suit your child's learning style. Cost and the level of instruction you would like to provide as a teacher are other factors to consider.



Educational Options

More Choices Mean More Learning!

At Alpha Omega Publications, we understand that no two children are alike. That's why we offer Christian curriculum in both print and computer-based formats, so you can find the perfect fit for your homeschool family's unique learning styles and academic needs. With 35 years of experience, AOP has everything you need to help your child succeed and develop a lifelong love for learning.



Enrich your homeschooling with Switched-On Schoolhouse! This CD-ROM curriculum for grades 3-12 is filled with eye-catching animations, engaging multimedia, and interactive lessons in five core subjects. Compatible with Windows® systems, SOS offers over 85 electives and can be used for up to five students. Time-saving features such as automatic grading, recordkeeping, and lesson planning reduce administrative tasks.

For more information, see p. 6-9.



Build stronger academic foundations with LIFE-PAC! This print-based curriculum for grades K-12 includes five core subjects and over 15 electives that combine textbook and workbook lessons into consumable worktext units. Promoting critical thinking skills and independent study, LIFE-PAC conveniently coordinates lessons, exercises, projects, reviews, and tests to help students master concepts before progressing to the next unit.

For more information, see p. 10-11.



Create colorful learning moments with Horizons! This teacher-directed curriculum consists of fun workbooks that use a spiral learning method of quick concept introduction, frequent review, and reinforcement. Courses include math (K-8), phonics and reading (K-3), penmanship (1-5), spelling and vocabulary (1-3), health (K-8), and physical education (PreK-12), as well as a comprehensive preschool program that can be used by any family, daycare, or school.

For more information, see p. 12-13.

Find Your Homeschooling Fit

Wondering what's right for you?

With AOP's feature checklist, you can quickly determine the perfect curriculum for your homeschool family's needs. Whether you're looking for traditional print products or interactive, computer-based lessons, simply browse the categories listed to the left of the chart to see which selections meet your criteria.

		Switched-On® Grades 3-12 <i>For more information, see p. 6-9.</i>	LIFE-PAC® Grades K-12 <i>For more information, see p. 10-11.</i>	Horizons Grades PreK-12 <i>For more information, see p. 12-13.</i>
General Features	Christian Worldview	●	●	●
	Five Core Subjects	●	●	●
	Electives	●	●	●
	Placement Tests	●	●	●
	Portable	●	●	●
	Promotes Critical Thinking	●	●	●
	Current & Up-to-Date Content	●	●	●
	Scope & Sequence Available	●	●	●
Format	CD-ROM (Windows® only)	●		
	Print		●	●
Learning Method	Mastery Learning	●	●	
	Spiral Learning			●
Teaching Method	Structured Daily Lessons			●
	Individualized & Self-paced	●	●	
Learning Style	Visual	●	●	●
	Read/Write	●	●	●
	Hands-on/Kinesthetic	●	●	●
	Auditory (Text-to-Speech)	●		
Parent Benefits	Affordable & Easy to Use	●	●	●
	Automatic Grading & Scheduling	●		
	Self-contained	●	●	●
	Customizable by Brand or Grade	●	●	●
	Answer Keys & Instructional Materials	●	●	●
	Student Progress Checkpoints	●	●	●
Student Benefits	Variety of Lessons & Projects	●	●	●
	Engaging & Colorful	●	●	●

Switched-On® Overview

Unlike ordinary, one-dimensional lessons found in most textbooks, Switched-On Schoolhouse is a CD-ROM curriculum filled with an exciting mix of enriching multimedia tools. Desktop-based lessons captivate students in grades 3-12 with movies, maps, timelines, interactive games, and hands-on projects to enhance daily assignments, practice sessions, quizzes, and tests. SOS can be used with up to five students and provides a thorough Christ-centered curriculum that covers five core subjects and over 85 engaging electives.

What's new in SOS?

5th Grade Math

Provide your child with a firm math foundation through fun-filled, interactive lessons in the new Switched-On Schoolhouse 5th Grade Math. Filled with eye-catching graphics and multimedia-rich content, this engaging course covers fractions, decimals, probability, and geometry concepts, including plane and solid shapes, perimeter, and area.

6th Grade Math

Master basic skills more quickly and empower your child for future upper-level math with the new SOS 6th Grade Math. This exciting CD-ROM course contains enriching multimedia tools that enhance topics like decimals, fractions, data analysis, probability, geometry, integers, equations, and more.



Placement Testing

This kit contains tests to ensure students are properly placed within the SOS curriculum. Test subjects and grades include Bible 3-12, Language Arts 3-12, Math 3-12, History & Geography 3-12, and Science 3-12.

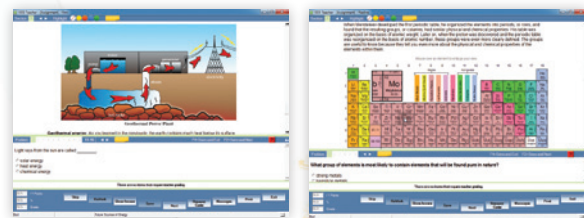
Item #	Description	ISBN #	Price
12SOSDT	Placement Testing	978-0-7403-2685-1	\$19.95

Switched-On Schoolhouse Up Close

Turn to p. 52-55 to view full-size samples of lessons and illustrations from Switched-On Schoolhouse.



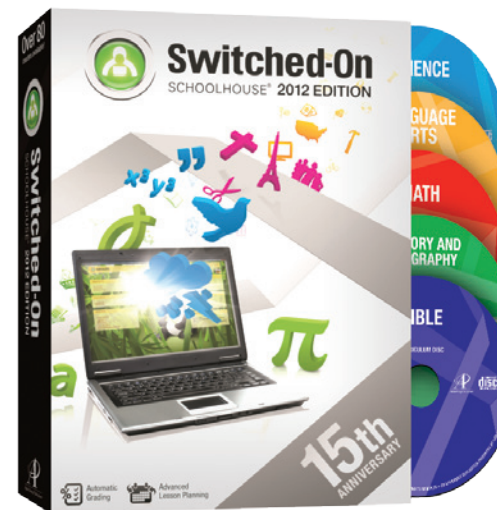
Scan this code to learn more about SOS and view a product demonstration.



15th
ANNIVERSARY



Discover the Duggars' Secret to HOMESCHOOL SUCCESS!



With 19 and counting, the Duggars know SOS is the best curriculum to streamline their day. Find out how Switched-On Schoolhouse® can take the busywork out of your homeschooling, too!

Experience the time-saving benefits of SOS:

- Make organizational headaches a thing of the past with a hassle-free built-in global calendar that schedules your homeschool year in seconds.
- Reduce learning frustrations with advanced lesson planning that lets you assign subjects at the pace that best matches your child's abilities.
- Motivate your child's love for learning with instant audio feedback that gives an immediate response to answers in each lesson.

"I like being able to learn new things in a fun and exciting way."

"I have really enjoyed learning with SOS. They present everything in a way that is fun and easy to understand."

"I like the way that my children learn, and I don't have to spend hours grading papers!"

"I like that SOS is Christian-based. I'm able to learn a lot by the way they explain the concepts."

"My favorite thing about SOS is how neat and organized that teaches."

Jedidiah Duggar

Josiah Duggar

Michelle Duggar

Joy-Anna Duggar

James

Switched-On® Features and Benefits



Student Search Feature **NEW!**

Save more time! This handy tool enables your student to quickly look up words or phrases within the lesson text to access important facts and details when studying for tests.



Transcript Report **NEW!**

Make college entrance easier! With this new feature, you can show your child's true potential with a high school transcript that includes subjects listed by grade level, final GPA, and total credits.



Past-due Report **NEW!**

Keep your student on track with this new printable report. Simply select a date and a student to see all past-due assignments, including the subject, unit, and assignment title.



Custom Assignment Editor **NEW!**

Make your handcrafted lessons more high tech! Now you can add your own Internet links, pictures, and more when creating custom assignments for your student.



Improved Print Feature **NEW!**

The new ability to select specific lesson sections allows you to save costs by only printing what you need. Plus, you can now change fonts, so you can print everything with the look you like.



Resource Center Updates **NEW!**

Find even more tools to homeschool! Additional calculator functions, an up-to-date periodic table, a Bible search tool, and journal features for both teachers and students make homeschooling easier and more fun.



Easy-to-Use Setup Wizard

The SOS Setup Wizard enables you to manage the basics of SOS Setup from a single location. Use the Setup Wizard for installing, setting up student accounts, assigning student subjects, planning your calendar, and more.



Free Technical Service

Anyone who purchases SOS receives free access to our toll free tech support number at 866-444-4498. You will find friendly and helpful technicians on the other side of the phone who are willing to help you with anything from installing SOS to assigning a subject.



Reusable for Younger Children

SOS can be installed on multiple computers, and you can download free updates. That means you can use the same subject for your younger children, and you only have to purchase it once.



Placement Tests

Eliminate learning gaps and ensure proper grade level placement with the Switched-On Schoolhouse placement tests for grades 3-12 in Bible, language arts, history and geography, math, and science.



Automatic Grading

Parents can easily preview assignments and keep track of their student's scores and assignments, as well as any grading that needs to be completed. Approximately 85% of a student's work is graded automatically, giving parents more hands-on time with students.



Built-in Global Calendar

This feature allows you to assign or unassign school days, exclude date ranges, and add or remove events like field trips and holidays.



Multimedia & Learning Activities

Captivating multimedia and games help students grasp difficult concepts and keep learning fun.



Custom Curriculum

Want to add your own ideas or lesson plans to our curriculum? Now, you can! With custom curriculum, parents can modify existing subjects by combining, adding, or removing units and assignments. Parents also can choose to build their own curriculum from scratch using any available SOS materials. This flexible feature allows SOS to be used as a core curriculum or as supplemental material.



Advanced Lesson Planning

Put away that bulky lesson planner! With this feature, each child can have a personalized lesson plan, and it can be modified day by day if needed.



Biblical Worldview

As a leading homeschool curriculum publisher, AOP's award-winning educational products have enabled thousands of families to discover the amazing benefits of a Christian home education.



Bible Translation Options

Give your student more learning options with two SOS Scripture translations. Choose to have Bible verses shown from either the King James Version or the New American Standard Bible®.



Individual Weekday Scheduling

With this flexible feature, you can easily assign courses to select days of the week. For example, you can assign math only on Mondays and Tuesdays or schedule history just on Fridays.



Switched-On® Features and Benefits



Text-to-Speech

With our user-friendly text-to-speech feature, you can focus on or review specific passages. Just highlight the text, choose from multiple electronic voices, and the passage is read out loud. This feature is perfect for audio learners, students who have difficulty reading on the computer, or students who need help pronouncing complex words.



Videos

Spark students' interests with eye-catching animations and colorful graphics! Filled with thousands of clips, this dynamic curriculum offers you a front-row seat to watch some of history's greatest moments. These amazing educational tools cannot be found in traditional textbooks.



Vocabulary Games

Discover electronic flashcards and build comprehension through an arcade of six interactive vocabulary games, including Moon Match, Vocabulary, Spelling Bee, Full Speed, Word Hike, and Balancing Act.



Automatic Curriculum Updates

Course revision updates automatically download via AOP's server, saving you time and giving your child up-to-date courses to stay on the cutting edge of education. (SOS users without an Internet connection may receive updates by requesting an installable CD containing revisions).



Instant Audio Feedback

Give your child positive reinforcement with this user-friendly feature that gives immediate audio feedback on answers to questions.



Personal Journal

Improve your child's writing skills and encourage daily journaling. This engaging feature within the student mode allows your child to choose from an assortment of writing tools and easily locate past entries by date or topic.



Resource Center

A calculator, an interactive periodic table of elements, and a dictionary are provided as quick reference tools.



Message Center

SOS allows parents and students to attach messages to problems and view them within a personal mailbox. Parents also can create completed quiz and test alerts to stay on top of their student's results.



Historical Timelines

Click on any linked date in the curriculum to learn more about where topics stand in history. Students can see the context of their studies and how the events of the past fit together.



Reports, Projects, and Experiments

These include on and off computer assignments, such as essays or experiments that require students to apply what they have learned throughout their lessons.



Personalized Themes

Students can personalize their homepage with a wide variety of eye-catching themes.



Math Drill Games

Three entertaining games make math review more fun! Operantics is a block puzzle game that requires quick mental math, Math Flash Cards offer a fun way to study math facts, and Jeremiah Jones: Fact Quest® challenges students to find clues before getting caught in a hailstorm.



Bible Verse Locator

Find your favorite Bible verse, passage, chapter, or book faster with the easy-to-use Scripture search application available for the KJV and the NASB®.



Geography Drill Games

Turn your student into a geography genius! These helpful resources provide hours of fun review with countries or states listed on one side and their corresponding capitals on the other.



Teacher Search Feature

Save yourself more time! This handy tool enables SOS teachers to look up words or phrases within the lesson text for faster reference to important facts and details.



Student Attendance Calendar

Separate from your child's SOS coursework, this calendar feature allows parents to track school attendance for state homeschooling documentation.



Customizable Subject Report

Track your time! This helpful usage summary assists parents in quickly viewing the amount of time spent on any SOS subject, including custom subjects created by you.



Scan this code to learn more about SOS and view a product demonstration.

LIFE·PAC® Overview

LIFEPAC stands alone in its parent-friendly layout and instructional flow for students in grades K-12. Including the five core subjects of Bible, history and geography, language arts, math, and science, as well as over 15 electives, LIFEPAC organizes each course into curriculum units called worktexts. Time-tested and easy to teach, LIFEPAC's worktext format is designed specifically for parents who want the advantage of a pre-developed curriculum with integrated lesson plans.

LIFEPAC Benefits



Economical

Affordably priced, LIFEPAC lets students receive a Bible-based education at a fraction of the price of regular textbooks and workbooks. Plus, multiple purchasing options let LIFEPAC users order only the materials they need.



Portable

Unlike heavy textbooks, LIFEPAC's compact design is popular with busy homeschooling families on the go. These light worktexts can easily be included on field trips, vacations, doctor appointments, and more.



Flexible

LIFEPAC allows students to work at their own pace to master material before moving to new concepts. This flexibility allows students to spend more time where needed.



Up-to-date

LIFEPAC courses are continually revised and improved to give students an up-to-date and enriching learning experience.



Bible-based

With Bible verses from the King James Version and biblical content that promotes a Christian worldview, LIFEPAC strengthens a student's faith in Christ.



Teacher-friendly

Time-saving teacher's guides come complete with practical teaching tips, clear objectives, suggested activities, and answer keys.



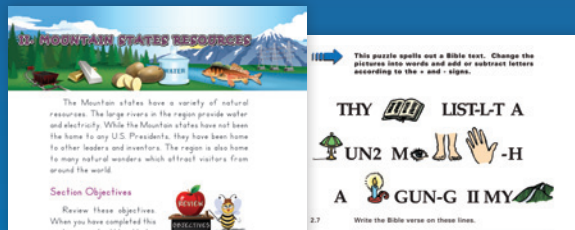
LIFEPAC Placement Tests

LIFEPAC diagnostic tests are available in all five subjects to assist with correct placement and indicate learning gaps. Specific LIFEPACs are recommended for remediation in areas where gaps are indicated. Order according to the last grade the student has completed.

BD001	Bible Grades 2-8	978-0-7403-0041-7	\$6.00
BD002	Bible Grades 7-12	978-0-7403-0042-4	\$6.00
LD001	Language Arts Grades 1-8	978-0-8671-7287-4	\$6.00
LD002	Language Arts Grades 7-12	978-1-5809-5816-5	\$6.00
MD001	Math Grades 1-8	978-1-5809-5815-8	\$6.00
MD002	Math Grades 7-12	978-1-5809-5817-2	\$6.00
HD001	History Grades 2-8	978-0-7403-0043-1	\$6.00
HD002	History Grades 7-12	978-0-7403-0044-8	\$6.00
SD001	Science Grades 2-8	978-0-7403-0045-5	\$6.00
SD002	Science Grades 7-12	978-0-7403-0046-2	\$6.00
AS9922	Set of 5 Placement Tests 1-8	978-0-7403-0096-7	\$24.95
	Bible 2-8		
	Language Arts 1-8		
	Math 1-8		
	History 2-8		
	Science 2-8		
AS9923	Set of 5 Placement Tests 7-12	978-0-7403-0097-4	\$24.95
	Bible 7-12		
	Language Arts 7-12		
	Math 7-12		
	History 7-12		
	Science 7-12		

LIFEPAC Up Close!

Turn to p. 48-51 to view full-size samples of lessons and illustrations from LIFEPAC.



Add Hands-On Science Experiments to Your Child's Science Lessons!

Give your budding scientist the tools for hands-on fun with LIFEPAC Science Experiments! Featuring step-by-step demonstrations for students in grades 4-10, this DVD series is the perfect supplement to your child's LIFEPAC Science lessons.

Using easy-to-find materials and lab equipment, Stanley the Scientist explores concepts such as air currents and constellations (4th grade), flower pollen and fossils (5th), plants and photosynthesis (6th), weather and astronomy (7th), magnetism and static electricity (8th), atomic structure and units of measure (9th), and microbiology and ecology (10th).

SD0401	4th Grade Science Experiments DVD	978-0-7403-0729-4	\$15.95
SD0501	5th Grade Science Experiments DVD	978-0-7403-0730-0	\$15.95
SD0601	6th Grade Science Experiments DVD	978-0-7403-0731-7	\$15.95
SD0701	7th Grade Science Experiments DVD	978-0-7403-0732-4	\$15.95
SD0801	8th Grade Science Experiments DVD	978-0-7403-0733-1	\$15.95
SD0901	9th Grade Science Experiments DVD	978-0-7403-0734-8	\$15.95
SD1001	10th Grade Science Experiments DVD	978-0-7403-0735-5	\$15.95



Horizons Overview

Horizons is a brightly illustrated workbook curriculum offering a variety of courses for students in preschool through 12th grade. Engaging lessons are packed with captivating content in a colorful, motivating format that helps students quickly master concepts through the spiral-learning process of introduction, review, and reinforcement.

What's new in Horizons?

3rd Grade Phonics & Reading

Deepen your student's love of reading with the new Horizons 3rd Grade Phonics & Reading. This colorful course reinforces previous concepts like consonant blends and vowel diphthongs while introducing new material, including compound words, irregular comparisons, inflected endings, and more. Available: Fall 2012

Algebra I

Explore math through sports and other real-life applications with Horizons Algebra I. This curriculum covers absolute value, radical expressions, linear equations, and more. Plus, personal interviews show how people use math daily, and practice problem sets prepare your student for standardized tests. Available: Fall 2012



Horizons Benefits



Engaging Lessons

Students using Horizons curriculum find the hands-on lessons interesting and exciting. Much of the student material is filled with colorful illustrations that complement the activities to help students understand concepts.

PARENT FAVORITE!



In-depth Teacher's Guides

Horizons teacher's guides make teaching easier with answer keys, teaching tips, defined lesson goals, activity suggestions, recommended materials lists, and additional review sheets.



Christian Worldview

Horizons courses support a Christian worldview that complements parents in their biblical teaching. Several of the courses integrate Scripture verses directly into the lessons.



Effective Spiral Learning

Horizons Language Arts and Math use a spiral learning method that helps students master concepts through a natural process of introduction, review, and reinforcement. As students are introduced to new concepts and review material from previous lessons, they stay excited about learning while growing academically.



Colorful Curriculum

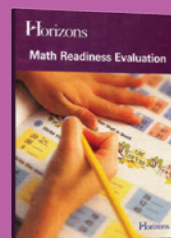
Eye-catching graphics and illustrations make the student material visually appealing and keep students excited to learn.

STUDENT FAVORITE!



Learning Manipulatives

A handy list of suggested activities and inexpensive materials help students better visualize the application of principles with hands-on learning.



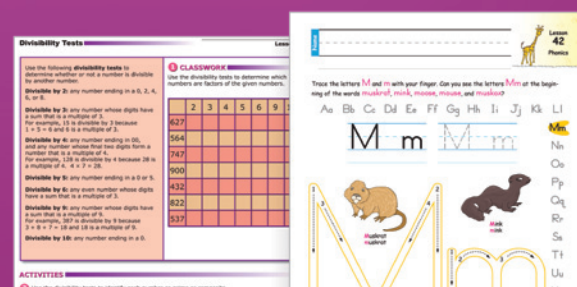
Horizons Math Readiness Evaluation

This resource determines the appropriate level for a student new to Horizons Math. Tests are provided for grades 1-6.

Item #	Description	ISBN #	Price
HMRT01	Readiness Evaluation	978-0-7403-1099-7	\$5.00

Horizons Up Close

Turn to p. 44-47 to view full-size samples of lessons and illustrations from Horizons.

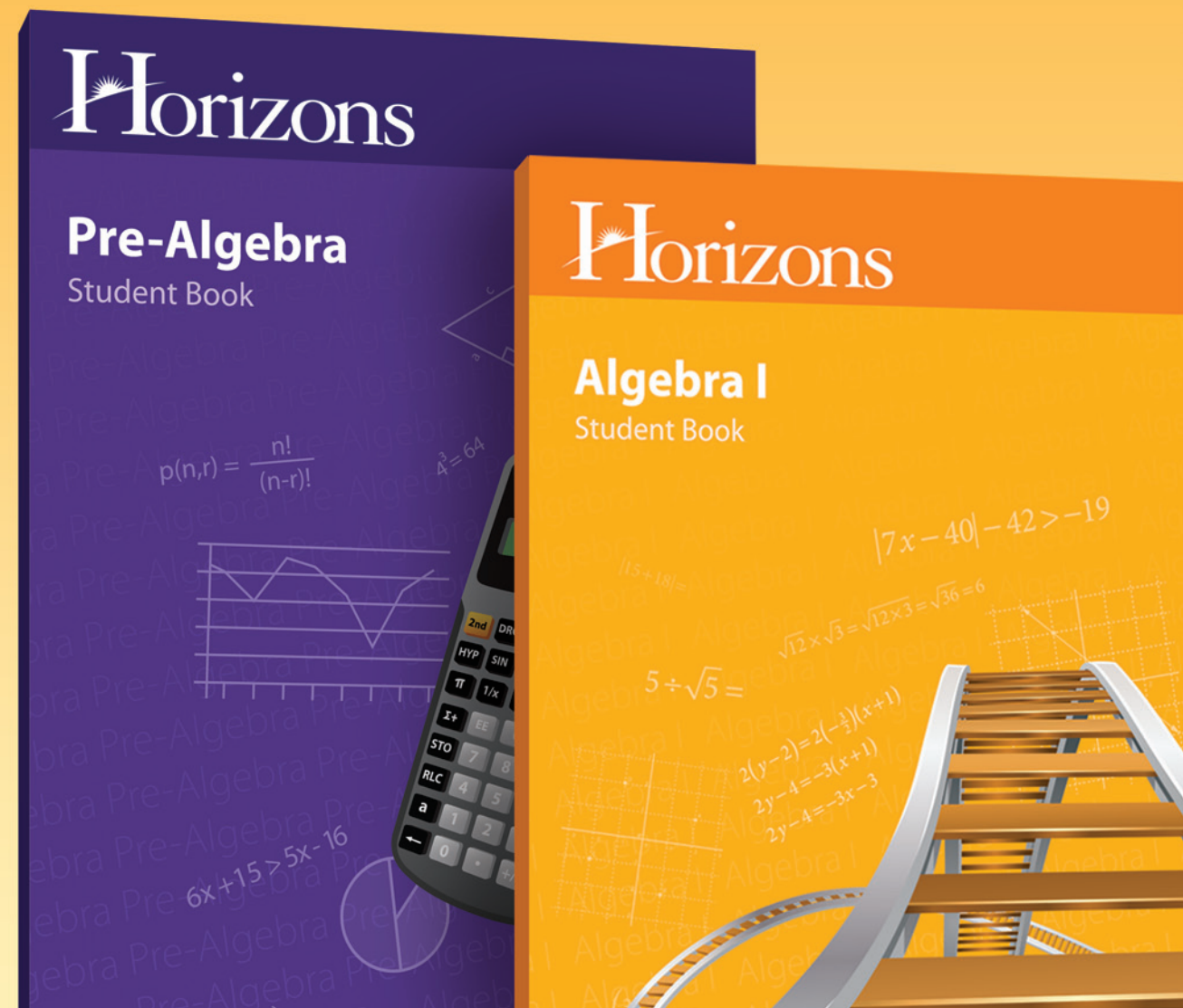


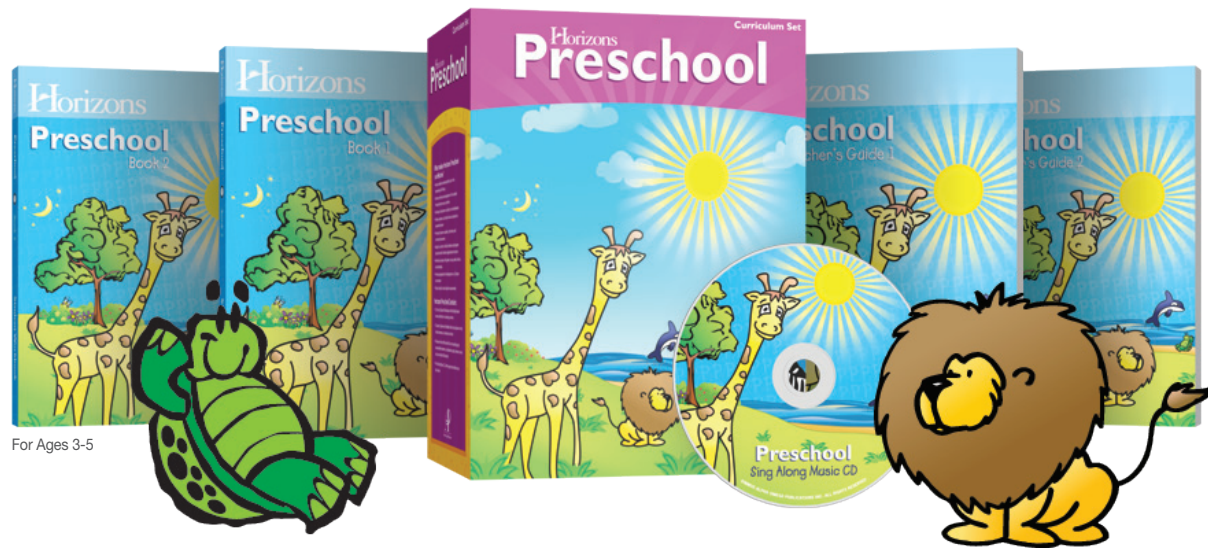
Taking Math Curriculum to a New Level

Take your child to a new level in math with Horizons Pre-Algebra and Horizons Algebra I! Building on the best-selling Horizons Math series, these highly requested courses feature brightly illustrated lessons that prepare students for standardized testing and give math meaning with real-life applications.

“We just started Horizons Pre-Algebra after trying another company, and we are so delighted. The pages are updated to make them look appropriate for this age range. They have also included real-life examples of missionaries and others using their math skills, a great example for those who want to know, “When will I ever need to use this?” The teacher's guide is very concise and easy to follow. I am so excited Horizons is going beyond 6th grade. What a difference it makes in our homeschool!”

Amy J., Washington





For Ages 3-5

Horizons Preschool

Horizons Preschool introduces children ages 3-5 to social studies, language arts, math, phonics, and science. To add variety and depth, topics like health and safety, arts and crafts, music, and physical education are included. This Bible-based program can be easily adapted to a variety of daily schedules and program objectives. The Horizons Preschool Curriculum Set has 180 lessons in two student books, two teacher's guides, a sing along music CD, and a resource packet. Colorful flashcards and other manipulatives are included in the resource packet. The multimedia set contains videos and CDs that coordinate with lesson themes and develop godly values.

Resource Packet Includes:

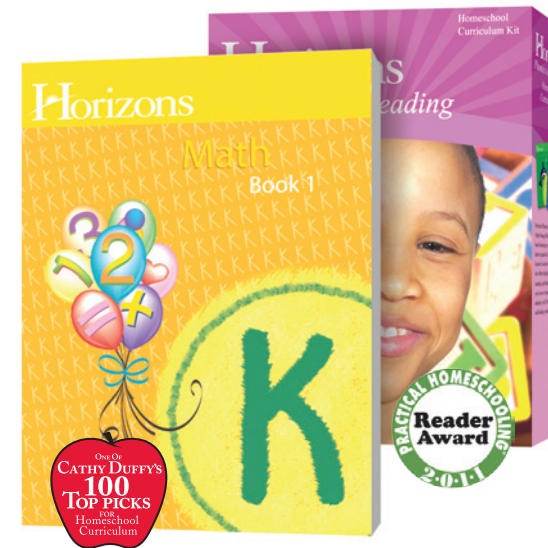
- Full-color Teaching Aids
- Alphabet Puzzle
- Memory Verse Cards
- Colorful Flashcards
- Reproducible Materials
- 284 Pages

Multimedia Set Includes:

- The Amazing Bible Series - Music CDs
- Music Machine® Series - Music CDs
- Music Machine® Video Series - DVDs
- Bullfrogs and Butterflies® Series - Music CDs
- Agapeland Adventures - Music CDs
- Character Builders™ Video Series - DVDs
- Kingdom under the Sea® Video Series - DVDs
- Rev-Up for Learning - DVD
- Once Upon a Christmas - Music CD
- Over 15 Hours of Entertainment and Educational Learning Activities



Item #	Description	ISBN #	Price
PRS100	Preschool Curriculum Set	978-0-7403-1452-0	\$122.95
PRS011	Student Book 1	978-0-7403-1447-6	\$28.95
PRS012	Student Book 2	978-0-7403-1448-3	\$28.95
PRT011	Teacher's Guide 1	978-0-7403-1449-0	\$19.95
PRT012	Teacher's Guide 2	978-0-7403-1450-6	\$19.95
PRR001	Resource Packet	978-0-7403-1451-3	\$28.95
PRSCD	Sing Along Music CD	978-0-7403-1455-1	\$7.95
PRM100	Multimedia Set	978-0-7403-1454-4	\$199.95
PRC200	Curriculum and Multimedia Set	978-0-7403-1453-7	\$299.95

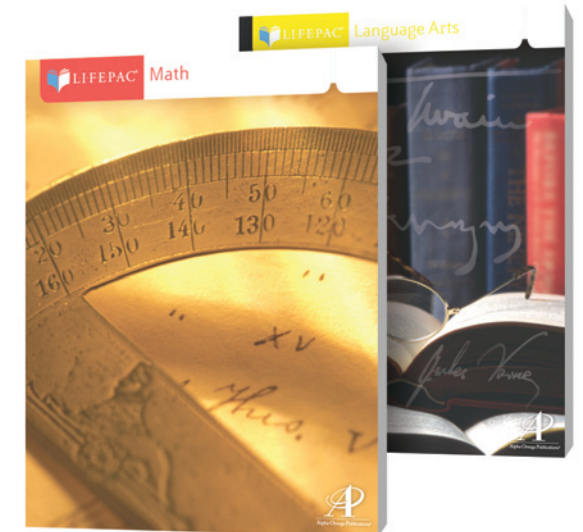


Horizons Kindergarten

The best-selling Horizons Kindergarten Math teaches counting, adding and subtracting single digits, money values, time, days of the week, direction, and shapes. A phonetic-based word recognition and early reader course, the highly acclaimed Horizons Phonics & Reading Set includes four student workbooks, four teacher's guides, four student readers, an alphabet floor puzzle, and a wipe-off tablet.

Item #	Description	ISBN #	Price
KP001	Phonics & Reading Student Book 1	978-0-7403-0137-7	\$18.85
KP002	Phonics & Reading Student Book 2	978-0-7403-0138-4	\$18.85
KP003	Phonics & Reading Student Book 3	978-0-7403-0139-1	\$18.85
KP004	Phonics & Reading Student Book 4	978-0-7403-0140-7	\$18.85
KRS01	Phonics & Reading Student Reader Set	978-0-7403-0145-2	\$47.95
KT001	Phonics & Reading Teacher's Guide 1	978-0-7403-0146-9	\$9.95
KT002	Phonics & Reading Teacher's Guide 2	978-0-7403-0306-7	\$9.95
KT003	Phonics & Reading Teacher's Guide 3	978-0-7403-0307-4	\$9.95
KT004	Phonics & Reading Teacher's Guide 4	978-0-7403-0308-1	\$9.95
KS100	Phonics & Reading Set	978-0-7403-0149-0	\$151.95
JKS021	Math Student Book 1	978-0-7403-0309-8	\$18.85
JKS022	Math Student Book 2	978-0-7403-0310-4	\$18.85
JKT030	Math Teacher's Guide	978-0-7403-0311-1	\$39.95
JKC120	Math Set	978-0-7403-0313-5	\$69.95
JMW005	Math Student Worksheet Packet*	978-0-7403-0312-8	\$9.95

*Reproducible masters are in the teacher's guide or may be ordered separately.



LIFEPAC Kindergarten

Containing two language arts and two math worktexts and corresponding teacher's guides, this worktext curriculum includes 160 engaging lessons per subject. In language arts, students learn the alphabet, shapes, vowels, consonants, and phonics. Math lessons teach addition, subtraction, and time as well as writing and spelling numbers.

Item #	Description	ISBN #	Price
LAK015	Language Arts Set	978-0-8671-7833-3	\$47.95
MAK015	Math Set	978-0-8671-7838-8	\$47.95
LCSK	Complete 2-subject Set	978-0-7403-0869-7	\$91.95

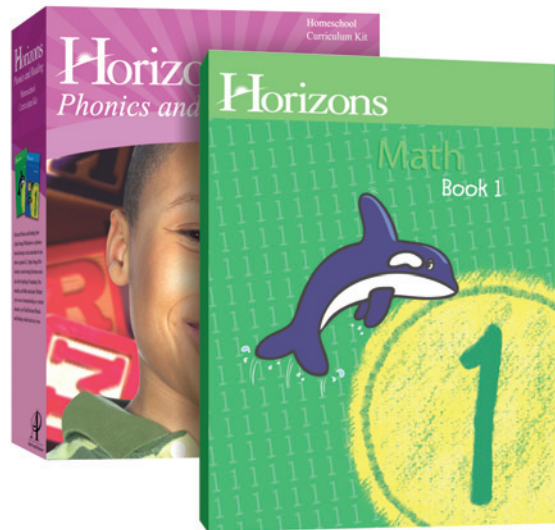
"We're very happy with how our kindergarten year is going. Our daughter is very comfortable with the set-up of LIFEPAC books and is very excited about learning."

- Jennifer C., Michigan

Early Readers Series

Emphasizing various stages of phonics through Bible stories, this popular series progresses from short-vowel words to consonant blends and more. Each level contains five story books. See more resources on p. 40-43.

Item #	Description	ISBN #	Price
BR0101	Level 1 (Preschool)	978-0-7403-0115-5	\$25.00
BR0102	Level 2 (Kindergarten)	978-0-7403-0121-6	\$25.00
BR0103	Level 3 (Grade 1)	978-0-7403-0127-8	\$25.00



Horizons Grade 1

Build your student's academic skills with four complete, colorful sets. First-graders learn numbers, time, money, and graphs in math, word rules and relationships in phonics and reading, vowel sounds, contractions, plurals, and suffixes in spelling and vocabulary, and printing letters and words, punctuation, and proper writing positions in penmanship.

LIFEPAC Grade 1

This money-saving set contains the five core subjects of Bible, history and geography, science, language arts, and math. The comprehensive, step-by-step curriculum creates a solid educational foundation through concept mastery, biblical integration, flexibility, and personalized instruction. Each subject contains ten worktexts and a teacher's guide.

Horizons Grade 1			
Item #	Description	ISBN #	Price
JPS011	Phonics & Reading Student Book 1	978-0-7403-0317-3	\$18.85
JPS012	Phonics & Reading Student Book 2	978-0-7403-0318-0	\$18.85
JPR011	Phonics & Reading Student Reader 1	978-0-7403-0321-0	\$26.95
JPR012	Phonics & Reading Student Reader 2	978-0-7403-0322-7	\$26.95
JRT010	Phonics & Reading Teacher's Guide	978-0-7403-0326-5	\$21.95
JPC100	Phonics & Reading Set	978-0-7403-0327-2	\$104.95
JSS011	Spelling & Vocabulary Student Book	978-0-7403-0212-1	\$20.95
JSD010	Spelling & Vocabulary Student Dictionary	978-0-7403-0213-8	\$8.95
JST010	Spelling & Vocabulary Teacher's Guide	978-0-7403-0214-5	\$17.95
JSC100	Spelling & Vocabulary Set	978-0-7403-0215-2	\$45.95
JLP101	Penmanship Student Book	978-0-7403-0204-6	\$18.85
JPT010	Penmanship Teacher's Guide	978-0-7403-0206-0	\$15.95
JSP115	Penmanship Set	978-0-7403-0207-7	\$31.95
JMS011	Math Student Book 1	978-1-5809-5923-0	\$18.85
JMS012	Math Student Book 2	978-1-5809-5930-8	\$18.85
JMT010	Math Teacher's Guide	978-1-5809-5931-5	\$49.95
JMC100	Math Set	978-0-8671-7954-5	\$79.95
JMW015	Math Student Worksheet Packet*	978-0-7403-0001-1	\$9.95

*Reproducible masters are in the teacher's guide or may be ordered separately.

LIFEPAC Grade 1			
Item #	Description	ISBN #	Price
BIB0115	1st Grade Bible Set	978-0-8671-7671-1	\$79.95
HIS0115	1st Grade Hist./Geo. Set	978-0-8671-7025-2	\$79.95
LAN0115	1st Grade Language Arts Set*	978-0-8671-7050-4	\$101.95
MAT0115	1st Grade Math Set	978-0-8671-7074-0	\$79.95
SCI0115	1st Grade Science Set	978-0-8671-7098-6	\$79.95
LCS0100	Complete 5-subject Set	978-0-7403-0870-3	\$406.95

*Language Arts set includes four student readers.



Horizons Grade 2

Build your student's academic skills with four complete subject sets. Second-graders learn advanced addition and subtraction, ratios, and decimals in math, reading through picture associations and alphabet stories in phonics and reading, compound and plural words, prefixes and suffixes, and silent letters in spelling and vocabulary, and basic cursive in penmanship.

LIFEPAC Grade 2

Containing the five core subjects of Bible, history and geography, science, language arts, and math, this engaging curriculum creates a well-rounded educational background with ten colorful, self-paced worktexts and diverse activities for each subject. Based on concept mastery, each self-paced set includes biblically integrated, motivating lessons, review questions, and tests.

Horizons Grade 2			
Item #	Description	ISBN #	Price
JPS021	Phonics & Reading Student Book 1	978-0-7403-1252-6	\$18.85
JPS022	Phonics & Reading Student Book 2	978-0-7403-1253-3	\$18.85
JPR021	Phonics & Reading Student Reader 1	978-0-7403-1254-0	\$26.95
JPR022	Phonics & Reading Student Reader 2	978-0-7403-1255-7	\$26.95
JRT020	Phonics & Reading Teacher's Guide	978-0-7403-1256-4	\$21.95
JPC200	Phonics & Reading Student Reader Set	978-0-7403-0211-4	\$104.95
JSS021	Spelling & Vocabulary Student Book	978-0-7403-0216-9	\$20.95
JSD020	Spelling & Vocabulary Student Dictionary	978-0-7403-0217-6	\$8.95
JST020	Spelling & Vocabulary Teacher's Guide	978-0-7403-0218-3	\$17.95
JSC200	Spelling & Vocabulary Set	978-0-7403-1251-9	\$45.95
JLP201	Penmanship Student Book	978-0-7403-0208-4	\$18.85
JPT020	Penmanship Teacher's Guide	978-0-7403-0210-7	\$15.95
JSP215	Penmanship Set	978-0-7403-0211-4	\$31.95
JMS021	Math Student Book 1	978-1-5809-5946-9	\$18.85
JMS022	Math Student Book 2	978-1-5809-5947-6	\$18.85
JMT020	Math Teacher's Guide	978-1-5809-5954-4	\$49.95
JMC200	Math Set	978-0-8671-7968-2	\$79.95
JMT025	Math Student Worksheet Packet*	978-0-7403-0002-8	\$9.95

*Reproducible masters are in the teacher's guide or may be ordered separately.

Recommended Resources

Create quality time with a family fitness routine for all ages and enhance your student's grasp of the Bible with an animated version of a classic Old Testament tale. See more resources on p. 40-43.



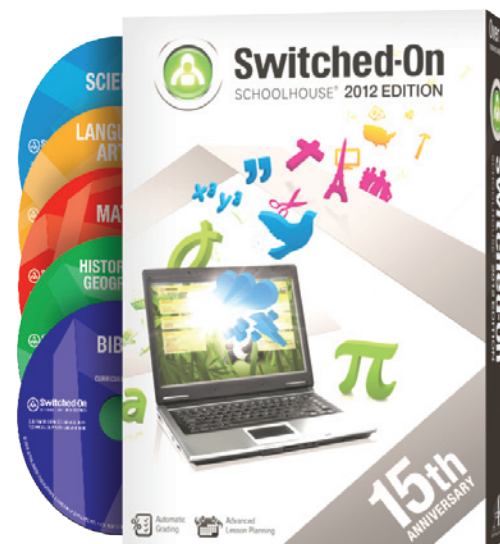
Item #	Description	ISBN #	Price
DVFFTL	Fit Family Fun Circuit	978-0-7403-2513-7	\$14.95
DVJH	Jonah: A Great Fish Story	978-0-7403-1989-1	\$9.95

Recommended Resources

Supplement your second grade student's art and Bible lessons with a popular art series that uses Bible verses to teach projects. Also, watch six episodes about kids who share their service and God's love. See more resources on p. 40-43.



Item #	Description	ISBN #	Price
DVMIS	Mike's Inspiration Station: Volumes 1-6 AS SEEN ON TV!	978-0-7403-2184-9	\$39.95
DVJJC	The Jesus Kids' Club	978-0-7403-2426-0	\$12.95



Horizons Grade 3

Sharpen spelling skills, manuscript and cursive writing, and fractions with the Horizons 3rd Grade Spelling & Vocabulary Set, the Horizons 3rd Grade Penmanship Set, and the Horizons 3rd Grade Math Set. Plus, deepen your student's love for reading with the new Horizons 3rd Grade Phonics & Reading (Fall 2012), which introduces new material, including compound words and inflected endings.

Horizons Grade 3			
Item #	Description	ISBN #	Price
JPS031	Phonics & Reading Student Book 1 NEW!	978-0-7403-2547-2	\$18.85
JPS032	Phonics & Reading Student Book 2 NEW!	978-0-7403-2548-9	\$18.85
JPR031	Phonics & Reading Student Reader 1 NEW!	978-0-7403-2550-2	\$26.95
JPR032	Phonics & Reading Student Reader 2 NEW!	978-0-7403-2551-9	\$26.95
JRT030	Phonics & Reading Teacher's Guide NEW!	978-0-7403-2549-6	\$21.95
JPC300	Phonics & Reading Set NEW!	978-0-7403-2546-5	\$104.95
JSS031	Spelling & Vocabulary Student Book	978-0-7403-1956-3	\$20.95
JSD030	Spelling & Vocabulary Student Dictionary	978-0-7403-1958-7	\$8.95
JST030	Spelling & Vocabulary Teacher's Guide	978-0-7403-1957-0	\$17.95
JSC300	Spelling & Vocabulary Set	978-0-7403-1959-4	\$45.95
JLP301	Penmanship Student Book	978-0-7403-0374-6	\$18.85
JPT030	Penmanship Teacher's Guide	978-0-7403-0375-3	\$15.95
JSP315	Penmanship Set	978-0-7403-0376-0	\$31.95
JMS031	Math Student Book 1	978-1-5809-5963-6	\$18.85
JMS032	Math Student Book 2	978-1-5809-5970-4	\$18.85
JMT030	Math Teacher's Guide	978-1-5809-5971-1	\$49.95
JMC300	Math Set	978-0-8671-7962-0	\$79.95
JMW035	Math Student Worksheet Packet**	978-0-7403-0003-5	\$9.95

LIFEPAC Grade 3

Get the best value for your dollar with the LIFEPAC 3rd Grade 5-subject set. Each of the core subjects of Bible, history and geography, science, language arts, and math courses comes with ten worktexts and a teacher's guide. The new LIFEPAC 3rd Grade History & Geography studies the mountains, rivers, fields, plants, animals, and people of each U.S. region.

LIFEPAC Grade 3			
Item #	Description	ISBN #	Price
BIB0315	3rd Grade Bible Set	978-0-8671-7672-8	\$58.95
HIS0315	3rd Grade Hist./Geo. Set NEW!	978-0-7403-2437-6	\$58.95
LAN0315	3rd Grade Language Arts Set	978-0-8671-7054-2	\$58.95
MAT0315	3rd Grade Math Set	978-1-5809-5719-9	\$58.95
SCI0315	3rd Grade Science Set	978-0-8671-7651-3	\$58.95
LCS0300	Complete 5-subject Set	978-0-7403-0872-7	\$286.95

*Available: Fall 2012
 **Reproducible masters are in the teacher's guide or may be ordered separately.

Switched-On Schoolhouse Grade 3

Save money and get an entire year of curriculum in one box! The SOS 3rd Grade 5-subject Set combines the five core subjects of Bible, history and geography, science, language arts, and math. This computer-based curriculum includes multimedia tools like video clips and learning games, as well as time-saving administration features like automatic grading and lesson planning.

SOS Grade 3			
Item #	Description	ISBN #	Price
12SOS300B	Bible	978-0-7403-2567-0	\$95.95
12SOS300H	History & Geography	978-0-7403-2568-7	\$95.95
12SOS300L	Language Arts	978-0-7403-2569-4	\$95.95
12SOS300M	Math	978-0-7403-2570-0	\$95.95
12SOS300S	Science	978-0-7403-2571-7	\$95.95
12SOS0315	Complete 5-subject Set	978-0-7403-2619-6	\$439.99

Featured Electives



SOS Elementary French and Spanish

These innovative courses for grades 3-6 provide learning exercises and proven strategies to help beginner students learn a new language easily. Filled with eye-catching visuals, fun exercises, and cultural insights, these five-unit electives cover vocabulary, pronunciation, and listening and reading comprehension to provide a solid groundwork for future lessons.

Item #	Description	ISBN #	Price
12SOSEFR	Elementary French	978-0-7403-2687-5	\$104.95
12SOSESP	Elementary Spanish	978-0-7403-2690-5	\$104.95



Horizons Health 3

Discover the amazing body systems with your homeschooler! Complete with a teacher's guide, student book, and student workbook, this set includes 55 step-by-step lessons, as well as teaching materials, colorful student visuals, and hands-on activities. Topics include first aid, smart eating habits, and manners.

Item #	ISBN #	Price
JHC300	978-0-7403-1702-6	\$22.00

Find a full list of electives on pages 38-39.

Get a Better Look

View full-size samples from Switched-On Schoolhouse, Horizons, and LIFEPAC on p. 44-55.



Recommended Resources

Make the Bible come alive through children's DVDs that teach Christian values through clever and humorous storytelling. See more resources on p. 40-43.

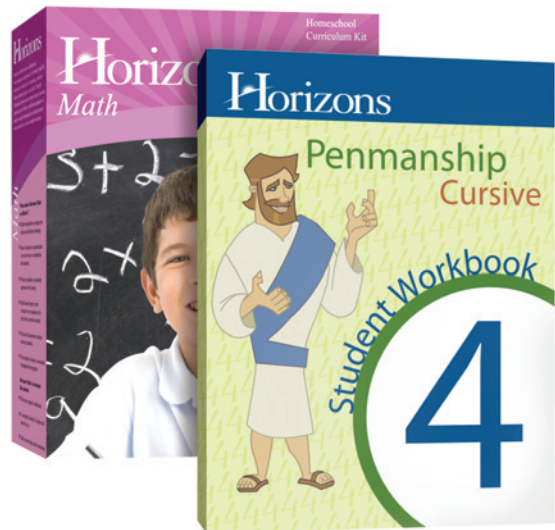
Item #	Description	ISBN #	Price
DVBP1	Bible Plays: Volume 1	978-0-7403-2427-7	\$12.95
DVJG1	Junior's Giants: Anger's Everywhere	978-0-7403-1480-3	\$14.95

LIFEPAC History & Geography, Unit 8, p. 23

Horizons Math, Student Book 1, p. 20

SOS Language Arts

Horizons Health 3, Unit 1, p. 17



Horizons Grade 4

Practice problem solving and penmanship with two Horizons sets for fourth-graders. The highly acclaimed math course helps students master concepts and build confidence in fractions, decimals, equations, division, multiplication, and pre-algebra. The penmanship course interweaves cursive writing practice with important lessons from the parables of Jesus.

Horizons Grade 4			
Item #	Description	ISBN #	Price
JLP401	Penmanship Student Book	978-0-7403-0747-8	\$18.85
JPT040	Penmanship Teacher's Guide	978-0-7403-0748-5	\$15.95
JSP415	Penmanship Set	978-0-7403-0746-1	\$31.95
JMS041	Math Student Book 1	978-1-5809-5986-5	\$18.85
JMS042	Math Student Book 2	978-1-5809-5987-2	\$18.85
JMT040	Math Teacher's Guide	978-1-5809-5994-0	\$49.95
JMC400	Math Set	978-0-8671-7843-2	\$79.95
JMW045	Math Student Worksheet Packet*	978-1-5809-5995-7	\$9.95

*Reproducible masters are in the teacher's guide or may be ordered separately.

LIFEPAC Grade 4

Get an entire year of curriculum at once and save! Based on concept mastery, biblical integration, and personalized instruction, this engaging curriculum builds a solid educational background with colorful, self-paced worktexts, diverse activities, and motivating lessons in the five core subjects of Bible, history and geography, science, language arts, and math.

LIFEPAC Grade 4			
Item #	Description	ISBN #	Price
BIB0415	4th Grade Bible Set	978-0-8671-7007-8	\$58.95
HIS0415	4th Grade Hist./Geo. Set	978-1-5809-5648-2	\$58.95
LAN0415	4th Grade Language Arts Set	978-0-8671-7056-6	\$58.95
MAT0415	4th Grade Math Set	978-0-8671-7080-1	\$58.95
SCI0415	4th Grade Science Set	978-0-8671-7653-7	\$58.95
LCS0400	Complete 5-subject Set	978-0-7403-0873-4	\$286.95
SD0401	4th Grade Science Experiments DVD	978-0-7403-0729-4	\$15.95

Switched-On Schoolhouse Grade 4

Save money and get an entire year of curriculum in one box! Combining the five core subjects of Bible, history and geography, science, language arts, and math, this computer-based set helps students build knowledge in a fun and interactive environment. Multimedia learning tools like video clips and learning games are included, as well as automatic grading and lesson planning.

SOS Grade 4			
Item #	Description	ISBN #	Price
12SOS400B	Bible	978-0-7403-2572-4	\$95.95
12SOS400H	History & Geography	978-0-7403-2573-1	\$95.95
12SOS400L	Language Arts	978-0-7403-2574-8	\$95.95
12SOS400M	Math	978-0-7403-2575-5	\$95.95
12SOS400S	Science	978-0-7403-2576-2	\$95.95
12SOS0415	Complete 5-subject Set	978-0-7403-2618-9	\$439.99

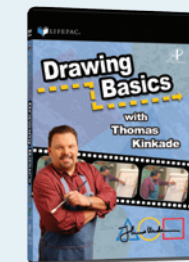
Featured Electives



SOS Health Quest

Created for grades 4-7, this five-unit, one-semester course teaches students how to care for their bodies. Topics in this computer-based course include personal hygiene, fitness, exercise techniques, and personal and ecological stewardship. This Bible-based curriculum includes quizzes and tests.

Item #	ISBN #	Price
12SOSHQ	978-0-7403-2699-8	\$54.95

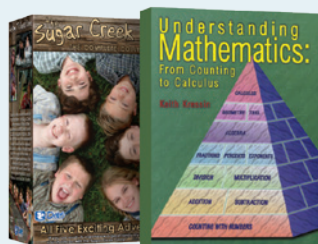


LIFEPAC Drawing Basics®

This comprehensive, easy-to-follow art class features instruction from renowned artist Thomas Kinkade on the principles of design and art history. Created for grades 3-8, this popular tutorial DVD includes five follow-along worktexts and a teacher's guide. Creative topics include lines, shapes, space, and texture.

Item #	ISBN #	Price
ES4516	978-0-7403-0707-2	\$58.95

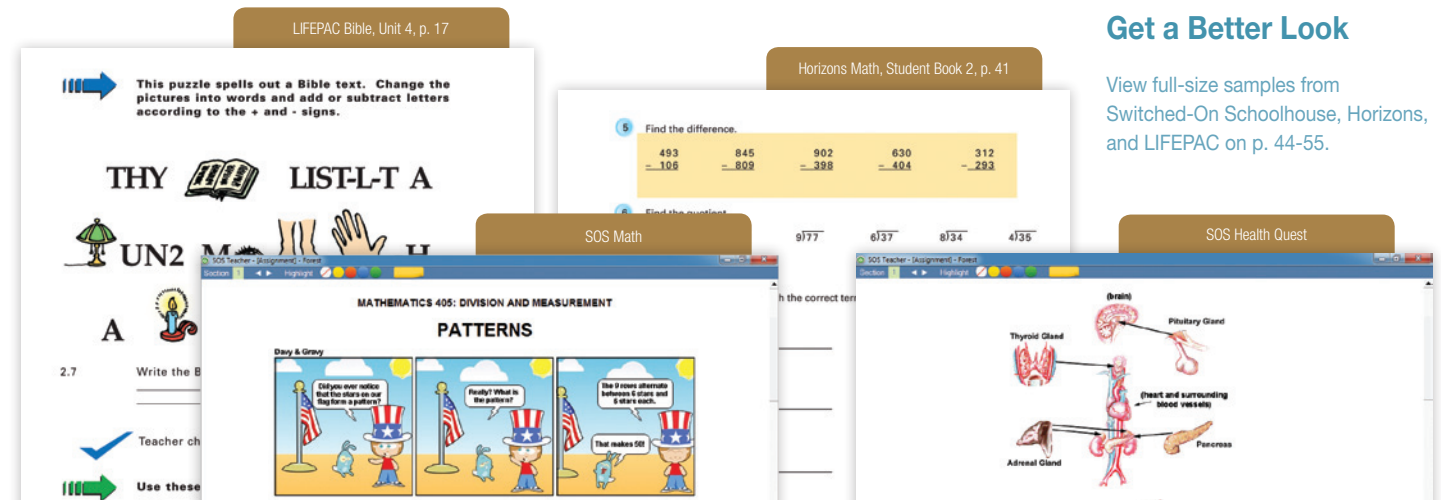
Find a full list of electives on p. 38-39.



Recommended Resources

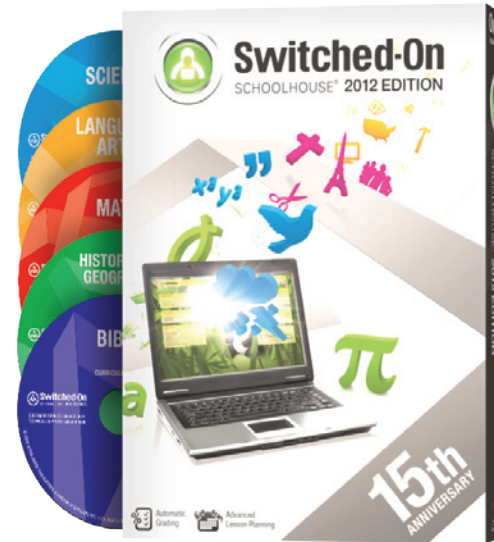
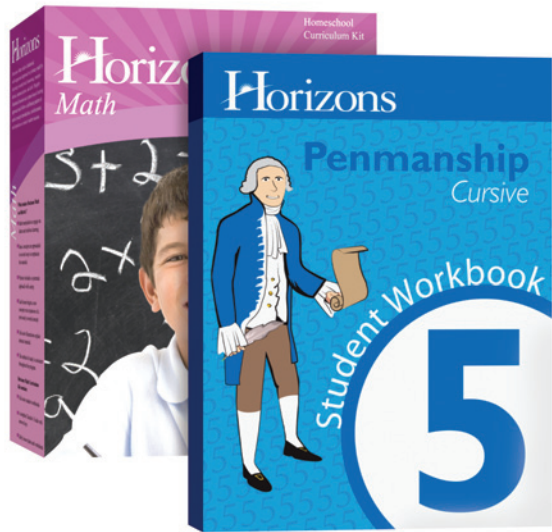
Delight your student with a wholesome, book-based DVD series and a popular math resource full of non-technical discussions from counting to calculus. See more resources on p. 40-43.

Item #	Description	ISBN #	Price
MM0221	Understanding Mathematics	978-0-9657-3001-3	\$24.95
DVSCGS	The Sugar Creek Gang: Five DVD Set	978-0-7403-1920-4	\$49.95



Get a Better Look

View full-size samples from Switched-On Schoolhouse, Horizons, and LIFEPAC on p. 44-55.



Horizons Grade 5

Introduce your child to practical skills like check-writing with the award-winning Horizons 5th Grade Math, which offers lessons, games, and activities on percents, averages, weights, and measurements. The penmanship course uses presidential speeches to teach cursive writing, sharpening students' letter strokes and manuscript skills while reviewing pieces of history.

Horizons Grade 5			
Item #	Description	ISBN #	Price
JLP501	Penmanship Student Book	978-0-7403-1249-6	\$18.85
JPT050	Penmanship Teacher's Guide	978-0-7403-1250-2	\$15.95
JSP515	Penmanship Set	978-0-7403-1248-9	\$31.95
JMS051	Math Student Book 1	978-1-5809-5997-1	\$18.85
JMS052	Math Student Book 2	978-1-5809-5998-8	\$18.85
JMT050	Math Teacher's Guide	978-1-5809-5899-8	\$49.95
JMC500	Math Set	978-1-5809-5900-1	\$79.95
JMW055	Math Student Worksheet Packet*	978-1-5809-5901-8	\$9.95

*Reproducible masters are in the teacher's guide or may be ordered separately.

LIFEPAC Grade 5

Get the best value for your dollar with this complete set. Each of the core subjects of Bible, history and geography, science, language arts, and math comes with ten worktexts and a teacher's guide. Based on concept mastery, biblical integration, flexibility, and personal instruction, this step-by-step, comprehensive set gives students a well-rounded education.

LIFEPAC Grade 5			
Item #	Description	ISBN #	Price
BIB0515	5th Grade Bible Set	978-1-5809-5614-7	\$58.95
HIS0515	5th Grade Hist./Geo. Set	978-1-5809-5651-2	\$58.95
LAN0515	5th Grade Language Arts Set	978-0-8671-7058-0	\$58.95
MAT0515	5th Grade Math Set	978-1-5809-5725-0	\$58.95
SCI0515	5th Grade Science Set	978-1-5809-5762-5	\$58.95
LCS0500	Complete 5-subject Set	978-0-7403-0874-1	\$286.95
SD0501	5th Grade Science Experiments DVD	978-0-7403-0730-0	\$15.95

Switched-On Schoolhouse Grade 5

Save money and get an entire year of Christian homeschool curriculum in the five core subjects of Bible, history and geography, science, language arts, and math. Available on CD-ROMs for Windows® operating systems, this interactive curriculum also streamlines your homeschooling day with time-saving tools like automatic lesson planning, calendar scheduling, and grading.

SOS Grade 5			
Item #	Description	ISBN #	Price
12SOS500B	Bible	978-0-7403-2577-9	\$95.95
12SOS500H	History & Geography	978-0-7403-2578-6	\$95.95
12SOS500L	Language Arts	978-0-7403-2579-3	\$95.95
12SOS500M	Math NEW!	978-0-7403-2580-9	\$95.95
12SOS500S	Science	978-0-7403-2581-6	\$95.95
12SOS0515	Complete 5-subject Set	978-0-5809-5762-8	\$439.99

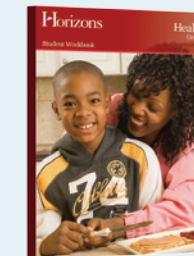
Featured Electives



SOS Elementary French and Spanish

These colorful, five-unit courses for grades 3-6 teach students how to read and write a new language with exciting adventure-themed lessons. Students learn vocabulary, pronunciation, and listening and speaking comprehension through engaging learning formats that keep lessons appealing for all types of learners.

Item #	Description	ISBN #	Price
12SOSEFR	Elementary French	978-0-7403-2687-5	\$104.95
12SOSESP	Elementary Spanish	978-0-7403-2690-5	\$104.95



Horizons Health 5

In this Christ-centered elective, students develop fitness disciplines, such as taking care of their lungs, connecting with other people, and understanding that they are growing up and changing. Created to be taught

2-3 days per week, this full-color curriculum includes 54 teacher-administered lessons that focus on the theme of wellness while covering topics like fitness, body care, and relationships.

Item #	ISBN #	Price
JHC500	978-0-7403-1704-0	\$22.00

Find a full list of electives on p. 38-39.

Recommended Resources

Get two of AOP's top-selling resources! Share a classic about life during the Great Depression and teach typing skills through fun games and themes. See more resources on p. 40-43.



Item #	Description	ISBN #	Price
ER2001	Typing Instructor Platinum	0 18527 10495 8	\$29.99
DVRG	Where the Red Fern Grows	978-1-5637-1362-0	\$12.95

LIFEPAC Math, Unit 1, p. 33

5.4 Write the place of each number for 532,638,249.

5 _____
3 _____
2 _____
6 _____
3 _____
8 _____

5.5 Solve.

$8 + 7 - 6 + 2 =$
 $12 - 9 + 8 + 5 =$

5.6 Add.

$6,327$
 $+ 5,684$
 $+$

5.7 Subtract.

$4,368$
 $- 1,285$
 $-$

SOS Math

RETRIES: 0 WRONG: 0 RIGHT: 0

Zero Property Grouping Property Order Property

Horizons Penmanship, Student Book, p. 64

LESSON 54

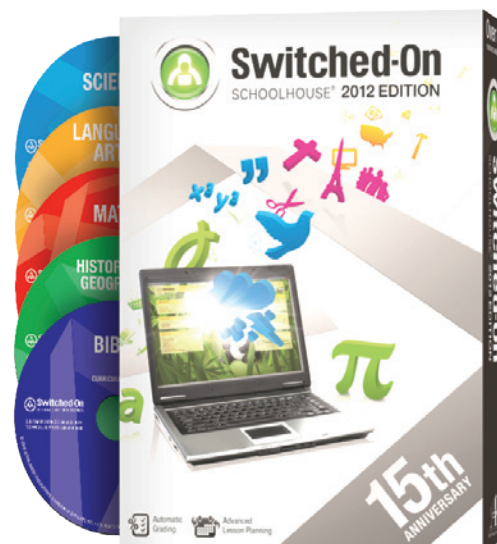
Thanksgiving Proclamation—George Washington—Part 7

Find Cursive Practice

all Sovereigns and Nations
show kindness onto us)
good government, peace,
the knowledge and
and virtue, and the
them and us—and
all Mankind such degree of
he alone knows to be best.

Get a Better Look

View full-size samples from Switched-On Schoolhouse, Horizons, and LIFEPAC on p. 44-55.



Horizons Grade 6

Horizons 6th Grade Math reinforces concepts while presenting new material. This colorful, award-winning curriculum covers square roots, advanced geometry, rounding, graphing, money transactions, and personal finance skills. Based on the concept of spiral learning, which stresses review and repetition, this consumable set comes with two student books and a teacher's guide.

Horizons Grade 6			
Item #	Description	ISBN #	Price
JMS061	Math Student Book 1	978-0-7403-0009-7	\$18.85
JMS062	Math Student Book 2	978-0-7403-0010-3	\$18.85
JMT060	Math Teacher's Guide	978-0-7403-0012-7	\$49.95
JMC600	Math Set	978-0-7403-0013-4	\$79.95
JMW065	Math Student Worksheet Packet*	978-0-7403-0011-0	\$9.95

*Reproducible masters are in the teacher's guide or may be ordered separately.

LIFEPAC Grade 6

Get the best value for your dollar with this complete set featuring a whole year of curriculum. Each of the core subjects of Bible, history and geography, science, language arts, and math comes with ten worktexts and a teacher's guide. Based on concept mastery, biblical integration, flexibility, and personal instruction, this step-by-step, comprehensive set gives students a well-rounded education.

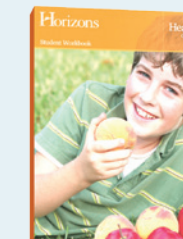
LIFEPAC Grade 6			
Item #	Description	ISBN #	Price
BIB0615	6th Grade Bible Set	978-0-8671-7011-5	\$58.95
HIS0615	6th Grade Hist./Geo. Set	978-0-8671-7036-8	\$58.95
LAN0615	6th Grade Language Arts Set	978-0-8671-7060-3	\$58.95
MAT0615	6th Grade Math Set	978-0-7403-0026-4	\$58.95
SCI0615	6th Grade Science Set	978-1-5809-5765-6	\$58.95
LCS0600	Complete 5-subject Set	978-0-7403-0875-8	\$286.95
SD0601	6th Grade Science Experiments DVD	978-0-7403-0731-7	\$15.95

Switched-On Schoolhouse Grade 6

Save money and get an entire year of curriculum in one box! Combining the five core subjects of Bible, history and geography, science, language arts, and math, this computer-based set helps students build knowledge in a fun and interactive environment. Multimedia learning tools like video clips and learning games are included, as well as automatic grading and lesson planning.

SOS Grade 6			
Item #	Description	ISBN #	Price
12SOS600B	Bible	978-0-7403-2582-3	\$95.95
12SOS600H	History & Geography	978-0-7403-2583-0	\$95.95
12SOS600L	Language Arts	978-0-7403-2584-7	\$95.95
12SOS600M	Math NEW!	978-0-7403-2585-4	\$95.95
12SOS600S	Science	978-0-7403-2586-1	\$95.95
12SOS0615	Complete 5-subject Set	978-0-7403-2620-2	\$439.99

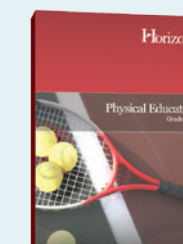
Featured Electives



Horizons Health 6

Teach your child how to be healthy inside and out! Containing a teacher's guide, student book, and student workbook, this set offers 62 step-by-step lessons and teaching materials. Colorful visuals and hands-on activities cover Christ-focused topics like relationships, healthy lifestyles, body systems, diseases, and unique personality traits.

Item #	ISBN #	Price
JHC600	978-0-7403-1705-7	\$22.00



Horizons Grades 6-8 Physical Education

Get your child moving and exercising with this activity-packed teacher's guide. With lessons in game rules and techniques for team, recreational, and intramural activities, this curriculum includes instruction in soccer, volleyball, football, basketball, hockey, golf, tennis, skiing, skating, cycling, wrestling, and more.

Item #	ISBN #	Price
JPE008	978-0-7403-1470-4	\$39.95

Find a full list of electives on p. 38-39.



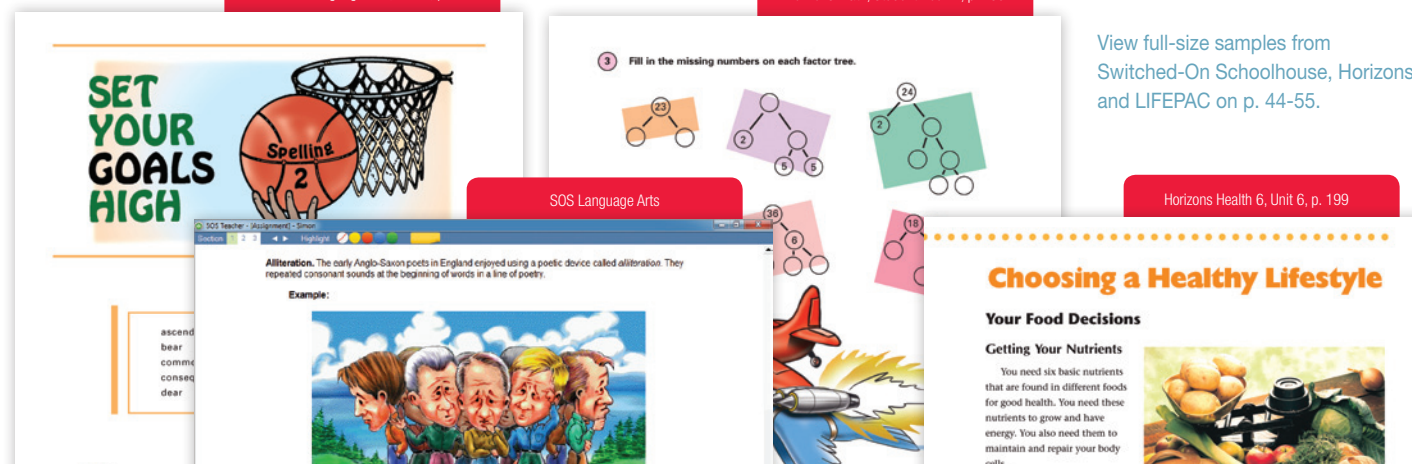
Recommended Resources

Boost history lessons with a DVD about America's foundation and entertain your family with a film based on the Mandie book series by Lois Gladys Leppard. See more resources on p. 40-43.

Item #	Description	ISBN #	Price
DVMPU	A More Perfect Union	978-0-7403-2430-7	\$14.95
DVMCT	Mandie and the Cherokee Treasure	978-0-7403-2177-1	\$19.95

LIFEPAC Language Arts, Unit 7, p. 30

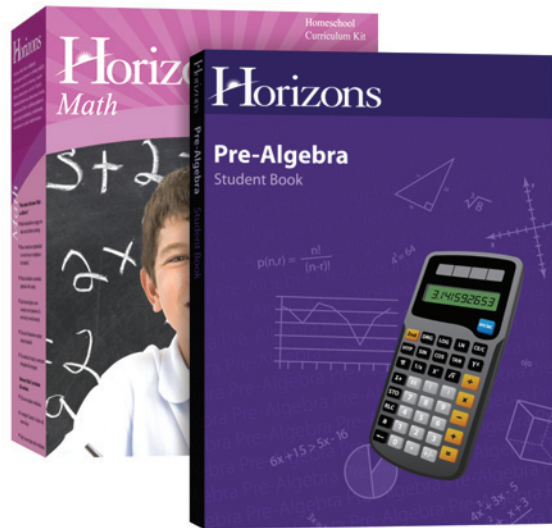
Horizons Math, Student Book 1, p. 139



Get a Better Look

View full-size samples from Switched-On Schoolhouse, Horizons, and LIFEPAC on p. 44-55.

Horizons Health 6, Unit 6, p. 199



Horizons Grade 7

Give your child a smooth transition into advanced math with this popular curriculum that builds on math operations with hands-on lessons in basic algebra, trigonometry, geometry, and real-life applications. The set includes a full-color student workbook with 160 engaging lessons, a teacher's guide, and a tests and resources book for evaluating student progress.

Horizons Grade 7			
Item #	Description	ISBN#	Price
JMS071	Pre-Algebra Student Book	978-0-7403-2244-0	\$31.95
JMR070	Pre-Algebra Tests & Resources	978-0-7403-2245-7	\$19.95
JMT070	Pre-Algebra Teacher's Guide	978-0-7403-2243-3	\$39.95
JMC700	Pre-Algebra Set	978-0-7403-2242-6	\$87.95

LIFEPAC Grade 7

Get the best value for your dollar with this complete set. Each of the core subjects of Bible, history and geography, science, language arts, and math comes with ten worktexts and a teacher's guide. Based on concept mastery, biblical integration, flexibility, and personal instruction, this step-by-step, comprehensive set gives students a well-rounded education.

LIFEPAC Grade 7			
Item #	Description	ISBN #	Price
BIB0715	7th Grade Bible Set	978-1-5809-5620-8	\$58.95
HIS0715	7th Grade Hist./Geo. Set	978-1-5809-5657-4	\$58.95
LAN0715	7th Grade Language Arts Set	978-0-8671-7062-7	\$67.95
MAT0715	Pre-Algebra & Pre-Geometry I Set	978-0-8671-7086-3	\$64.95
SCI0715	General Science I Set	978-0-8671-7659-9	\$58.95
LCS0700	Complete 5-subject Set	978-0-7403-0876-5	\$300.95
SD0701	7th Grade Science Experiments DVD	978-0-7403-0732-4	\$15.95

Switched-On Schoolhouse Grade 7

Save money and get an entire year of Christian homeschool curriculum in the five core subjects of Bible, history and geography, science, language arts, and math. Available on CD-ROMs for Windows® operating systems, this interactive curriculum streamlines your homeschooling day with time-saving tools like automatic lesson planning, calendar scheduling, and grading.

SOS Grade 7			
Item #	Description	ISBN #	Price
12SOS700B	Bible	978-0-7403-2587-8	\$95.95
12SOS700H	History & Geography	978-0-7403-2588-5	\$95.95
12SOS700L	Language Arts	978-0-7403-2589-2	\$95.95
12SOS700M	Math	978-0-7403-2590-8	\$95.95
12SOS700S	General Science I	978-0-7403-2591-5	\$95.95
12SOS0715	Complete 5-subject Set	978-0-7403-2621-9	\$439.99

Featured Electives



SOS Secondary Spanish

Say "hola" to Español with this adventure-themed, 12-unit course, featuring step-by-step lessons in vocabulary, pronunciation, the parts of speech, and sentence patterns. Clearly outlined concepts and easy-to-follow objectives make teaching a breeze, while audio recordings by actual Spanish speakers help ensure your student's comprehension.

Item #	ISBN #	Price
12S0SSSP	978-0-7403-2705-6	\$104.95



LIFEPAC Family & Consumer Science

Encourage your student to learn practical life skills like cooking, housekeeping, money management, and child care with this comprehensive, one-year home economics curriculum. This elective also emphasizes the importance of building a Christian home life, good character, and financial freedom through flexible, self-paced lessons.

Item #	ISBN #	Price
ES9815	978-0-7403-0162-9	\$63.95

Find a full list of electives on p. 38-39.

Recommended Resources

Supplement your student's science lessons with DVDs that open our eyes to the magnitude of the heavens, sun, and Milky Way. Plus, discover the difference one man can make in *The Secrets of Jonathan Sperry*. See more resources on p. 40-43.

Item #	Description	ISBN#	Price
DVCS	The Creation Series: Three DVD Set	978-0-7403-2195-5	\$29.95
DVSJS	The Secrets of Jonathan Sperry	8 24483 01209 7	\$19.95



LIFEPAC History & Geography, Unit 8, p. 23

The Roman Empire, First Century A.D.

Write true or false.

2.26 _____ In 509 B.C. the Romans were not the Greeks as the Romans.

2.27 _____ Rome was not the Greeks as the Romans.

2.28 _____ The Greeks were not the Romans.

2.29 _____ The Greeks were not the Romans.

Horizons Pre-Algebra, Student Book, p. 35

Lesson 15

Divisibility Tests

Use the following divisibility tests to determine whether or not a number is divisible by another number.

Divisible by 2: any number ending in a 0, 2, 4, 6, or 8.

Divisible by 3: any number whose digits have a sum that is a multiple of 3. For example, 15 is divisible by 3 because 1 + 5 = 6 and 6 is a multiple of 3.

CLASSWORK

Use the divisibility tests to determine which numbers are factors of the given numbers.

	2	3	4	5	6	9	10
627							
564							
747							
900							
432							
822							
537							

number as prime or composite

135

SOS Science

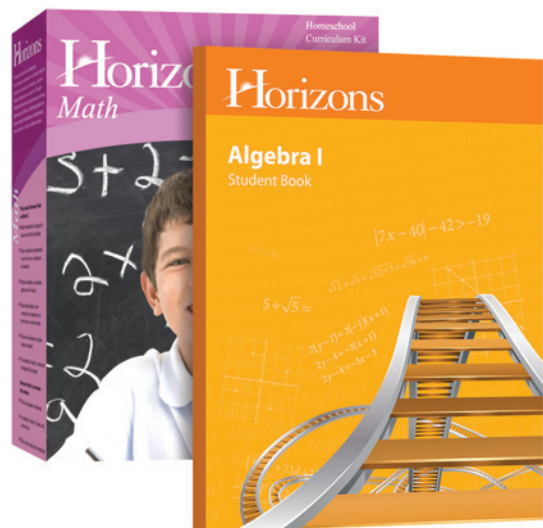
Comparison: You are probably accustomed to measuring long distances in miles. A kilometer is slightly larger than one-half of a mile.

In summary, the meter is the basic unit of length in the metric system. The meter is a little more than a yard.

LIFEPAC Family & Consumer Science, Unit 3, p. 40

Get a Better Look

View full-size samples from Switched-On Schoolhouse, Horizons, and LIFEPAC on p. 44-55.



Horizons Grade 8

Explore math through sports and other real-life applications with Horizons Algebra I! Divided into 160 lessons, this new course includes a colorful student workbook, a tests and resources book, and a teacher's guide packed with tips and hands-on activities. Topics covered include exponents and powers, absolute value, radical expressions, linear equations, the Foil method, and more.

Item #	Description	ISBN #	Price
JMS081	Algebra I Student Book NEW!*	978-0-7403-2553-3	\$31.95
JMR080	Algebra I Tests & Resources Book NEW!*	978-0-7403-2555-7	\$19.95
JMT080	Algebra I Teacher's Guide NEW!*	978-0-7403-2554-0	\$39.95
JMC800	Algebra I Set NEW!*	978-0-7403-2552-6	\$87.95

*Available: Fall 2012

LIFEPAC Grade 8

Get the best value for your dollar with this complete set. Each of the core subjects of Bible, history and geography, science, language arts, and math comes with ten worktexts and a teacher's guide. Based on concept mastery, biblical integration, flexibility, and personal instruction, this step-by-step, comprehensive set gives students a well-rounded education.

Item #	Description	ISBN #	Price
BIB0815	8th Grade Bible Set	978-0-8671-7015-3	\$58.95
HIS0815	8th Grade Hist./Geo. Set	978-0-7403-0040-0	\$58.95
LAN0815	8th Grade Language Arts Set	978-0-8671-7064-1	\$58.95
MAT0815	Pre-Algebra & Pre-Geometry II Set	978-0-8671-7088-7	\$64.95
SCI0815	General Science II Set	978-0-8671-7661-2	\$58.95
LCS0800	Complete 5-subject Set	978-0-7403-0877-2	\$291.95
SD0801	8th Grade Science Experiments DVD	978-0-7403-0733-1	\$15.95

Switched-On Schoolhouse Grade 8

Save money and get an entire year of Christian homeschool curriculum in the five core subjects of Bible, history and geography, science, language arts, and math. Available on CD-ROMs for Windows® operating systems, this interactive curriculum streamlines your homeschooling day with time-saving tools like automatic lesson planning, calendar scheduling, and grading.

Item #	Description	ISBN #	Price
12SOS800B	Bible	978-0-7403-2592-2	\$95.95
12SOS800H	History & Geography	978-0-7403-2593-9	\$95.95
12SOS800L	Language Arts	978-0-7403-2594-6	\$95.95
12SOS800M	Pre-Algebra	978-0-7403-2595-3	\$95.95
12SOS800S	General Science II	978-0-7403-2596-0	\$95.95
12SOS815	Complete 5-subject Set	978-0-7403-2622-6	\$439.99

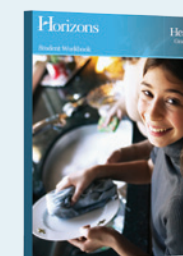
Featured Electives



SOS 20th Century American History

Deepen your student's understanding of nation-shaping events with this multimedia-rich elective examining America's century of change, conflict, and growth. This six-unit course covers events like the Industrial Age, the Roaring '20s, the Great Depression, the two World Wars, and the cold war conflicts. Hands-on history projects and lessons make learning fun and interactive.

Item #	ISBN #	Price
12SOSTCAH	978-0-7403-2706-3	\$54.95



Horizons Health 7 & 8

Horizons 7th and 8th Grade Health can be used in either grade or spread over both years. This comprehensive, Christ-centered course helps students identify their spiritual gifts, communicate with others, and understand gender differences. Created to be taught 2-3 days per week, this set includes a teacher's guide and a colorful student workbook with 107 health lessons.

Item #	ISBN #	Price
JHC700	978-0-7403-1706-4	\$26.95

Find a full list of electives on p. 38-39.



Recommended Resources

Travel with Bob Cornuke as he relentlessly searches for the remains of Noah's ark, the Ark of the Covenant, and Mt. Sinai. Then, buckle up with Dave Stotts as he takes a whirlwind tour through American history. See more resources on p. 40-43.

Item #	Description	ISBN #	Price
DVBES	The Bible Explorer Series: Three DVD Set	978-0-7403-1683-8	\$29.95
DVDAF	Discovering America's Founders	978-0-7403-1876-4	\$14.95

LIFEPAC General Science II, Unit 5, p. 6

The Pendulum
The classic example of potential energy is a pendulum at the top of its swing. At the top of the swing, the pendulum possesses total potential energy. As it moves downward, the potential energy gradually becomes kinetic energy. At the bottom of the swing, the pendulum possesses total kinetic energy. As the pendulum moves upward on the other side, the total kinetic energy is changed back into potential energy.

A baby seems to know without being told that objects perched on the edge of a table have potential energy. A tiny shove and the object suddenly is changing its potential energy to kinetic energy.

A child on a sled at the top of a snowy hill has potential energy. As the sled starts down the hill the potential energy becomes kinetic energy.

A skydiver poised in the door of an airplane has potential energy. As he jumps the potential energy becomes kinetic energy. Water at the top of a dam has potential energy. As the water falls over the edge of the dam, the potential energy becomes kinetic energy.

Complete these statements:
1.28 Stored energy is _____
1.29 The two kinds of mechanical energy are _____ and _____.
1.30 To do work energy must be _____.

Label this pendulum.

LIFEPAC Pre-Algebra, Unit 3, p. 30

DEFINITIONS
Similar figures: geometric figures with corresponding angles equal and corresponding sides proportional.

Model 1: Show the ratios of corresponding sides in two similar triangles.
ABC and DEF are similar triangles.
 $\frac{AB}{DE} = \frac{BC}{EF} = \frac{AC}{DF}$ are the ratios.

Model 2: If in triangles ABC and DEF, $\angle A = \angle D$, $\angle B = \angle E$, $\angle C = \angle F$, $DE = 3$, $EF = 4$, $DF = 5$, find the lengths of the sides of triangle ABC.

SOS Science
When the relationship between matter and energy was understood, the laws of conservation of matter and energy had to be restated: neither matter nor energy can be created or destroyed, but they can be changed from one form to the other. In other words, the total amount of matter plus energy in the universe is always the same. If the amount of matter is less, the amount of energy will be proportionally higher. If the amount of energy is less, the amount of matter will be proportionally higher. The total will always be the same. This law is called the Law of Conservation of Matter and Energy, but is also referred to as the First Law of Thermodynamics.

Law of Conservation of Matter and Energy
Neither matter nor energy can be created or destroyed, but they can be changed from one form to the other.

The Law of Conservation of Matter and Energy confirms the Biblical statement: "In the beginning God created the heavens and the earth." (Genesis 1:1) The Law of Conservation of Matter and Energy states that neither matter nor energy can be created. Matter cannot come from nothing and energy cannot be created. Therefore matter and energy must have had an origin outside themselves and outside the established natural laws of physics and chemistry. Science has no answer or even theory to explain where or how matter and energy originated. Only the Bible gives us a reasonable answer: God created it! The true laws of science help to confirm the Bible's account of Creation.

Horizons Health 7-8, Unit 2, p. 1

Unit 2 Lesson 2
Student Activity

God's Image in Creation

"Then God said, Let us make man in our image, in our likeness, and let them rule over the fish of the sea and the birds of the air, over the livestock, over all the earth, and over all the creatures that move along the ground. So God created man in his own image, in the image of God he created him, male and female he created them." (Genesis 1:26-27)

Images. They are all around you. You get up in the morning and peer into a mirror. What peers back at you is not you but your image. You look into a camera viewfinder or watch a favorite person on TV. You gaze at a reflected mountain upside down in a lake. You have a dental X-ray taken or make a photocopy of a school report. In all these cases you are dealing with images.

An image is a likeness of something.

Get a Better Look

View full-size samples from Switched-On Schoolhouse, Horizons, and LIFEPAC on p. 44-55.

Recommended Resources

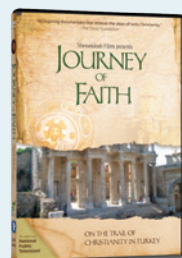


The American Heritage Series: Ten DVD Set

From the separation of church and state to the civil rights movement, this Christian documentary series inspires Americans to reclaim the godly history of our nation. Containing all 26 episodes on ten

DVDs, *The American Heritage Series* follows historian David Barton as he experiences the untold, true story of our nation's history.

Item #	ISBN #	Price
DVAHS	978-0-7403-1893-1	\$79.95



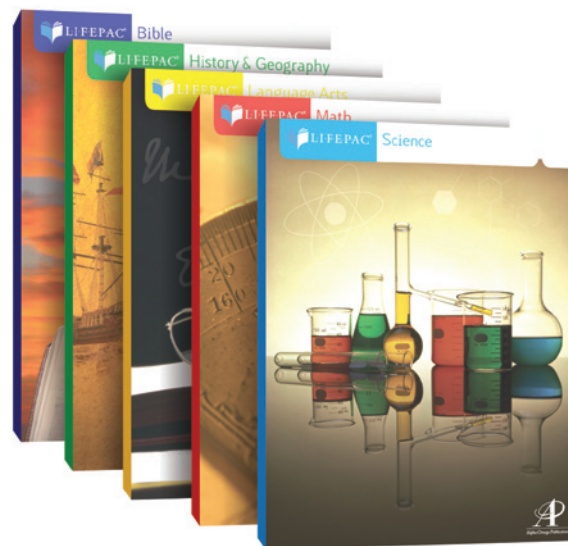
Journey of Faith

Trace the rich trail of Christianity in Turkey and travel with host Victoria Barrett as she journeys to 14 biblical locations to discover the roots and growth of early Christianity. Second only to Israel in biblical sites, Turkey is a treasure trove of early Christian history. Traveling in the footsteps

of the apostles and the crusaders, *Journey of Faith* uses animated maps to place events and places in context.

Item #	ISBN #	Price
DVJF	978-0-7403-2167-2	\$14.95

See more resources on p. 40-43.



LIFEPAC Grade 9

Get an entire year of curriculum at once and save! Based on concept mastery, biblical integration, and personalized instruction, this engaging curriculum builds a solid educational background with colorful, self-paced worktexts, diverse activities, and motivating lessons in the five core subjects of Bible, history and geography, science, language arts, and math.

LIFEPAC Grade 9			
Item #	Description	ISBN #	Price
BIB0915	New Testament Survey Set	978-0-8671-7017-7	\$58.95
HIS0915	Civics & World Geography Set	978-0-8671-7042-9	\$58.95
LAN0915	English I Set	978-0-8671-7066-5	\$69.95
MAT0915	Algebra I Set	978-0-8671-7090-0	\$64.95
SCI0915	General Science III Set	978-0-8671-7663-6	\$58.95
LCS0900	Complete 5-subject Set	978-0-7403-0878-9	\$304.95
SD0901	9th Grade Science Experiments DVD	978-0-7403-0734-8	\$15.95



Switched-On Schoolhouse Grade 9

Rich in multimedia features, this computer-based set offers academic instruction in the five core content areas of Bible, history and geography, science, language arts, and math. Video clips and learning games help students build knowledge in a fun and interactive environment, while parents save time with automatic lesson planning and grading.

SOS Grade 9			
Item #	Description	ISBN #	Price
12SOS900B	New Testament Survey	978-0-7403-2597-7	\$95.95
12SOS900H	World Geography	978-0-7403-2598-4	\$95.95
12SOS900L	English I	978-0-7403-2599-1	\$95.95
12SOS900M	Algebra I	978-0-7403-2600-4	\$95.95
12SOS900S	Integrated Physics & Chemistry	978-0-7403-2601-1	\$95.95
12SOS0915	Complete 5-subject Set	978-0-7403-2623-3	\$439.99

Featured Electives



SOS Business Computer Information Systems

Equip your child for the future with this 12-unit BCIS elective. Dynamic, multimedia-rich lessons cover communication skills in the workplace, word processing, telecommunications, desktop publishing, computer operating systems, database applications, and more. Interactive features include video clips, animations, and learning games.

Item #	ISBN #	Price
12SOSBCIS	978-0-7403-2678-3	\$94.95



LIFEPAC High School Health

This fun and practical one-semester study looks at relevant topics for today's youth taught from a Christian perspective. Topics include physical health, first aid, proper nutrition, personal hygiene, exercise, and overall wellness. Five full-color worktexts and a teacher's guide also focus on spiritual, social, emotional, and environmental well-being.

Item #	ISBN #	Price
ES9715	978-0-7403-0182-7	\$40.95

Find a full list of electives on p. 38-39.

Get a Better Look

View full-size samples from Switched-On Schoolhouse and LIFEPAC on p. 44-55.

LIFEPAC Civics & World Geography, Unit 10, p. 7

own consciences, and to worship God as they saw fit. The colonists were willing and eager to go to the New World. Some came seeking wealth, power, and adventure. Many of them came, however, because they wanted to get away from their old world and to make a fresh start.

In England, Scotland, or Germany a man remained in the same occupation. If he were a farmer or laborer, for example, he remained a farmer or laborer all his life. The chances were that his children would be farmers and laborers, too. Most people were miserably poor and knew that they would always stay poor. Consequently, the bolder individuals took a chance on a better life in a new world. From the very beginning, America was the land of the second chance.

Most original colonists were from England, although many European countries set up trading posts and colonies in the New World. They encountered many hardships in their attempts to establish colonies. Although they brought varied skills with them, they soon realized that they had to learn many more skills to survive in this country.

The English settled along the Atlantic coast between Maine and Florida. Here, the climate was ideal, and the soil was wonderfully rich. Good harbors were available for ships, and swift rivers flowed to turn the wheels of mills. The Indians of this region along the Atlantic coast were relatively few in number and unorganized. Within one or two hundred miles of the coast stretched the great Appalachian Mountain range, serving as a natural barrier to protect the English. The presence of this barrier was advantageous to the English. They did not spread out as the Spaniards and French did, but put down roots and grew into strong communities. The early settlers did not know what lay to the west. The fertile soil, abundant water supply, and plentiful minerals in this new land would later help the United States to become one of the world's most prosperous nations.

Cultural similarities. Life in the colonies tended to make most Americans develop a similar culture. They had not been alike

LIFEPAC Business Communication Information Systems, Unit 1, p. 2

I. Effective Communication Skills
Communication Skills

Imagine that you have been applying for jobs all over town, and you finally get called for an interview. When you first listen to the casual message, you are really excited. But when you listen again to get the details about the interview, this is what you hear:

"Hi. Yeah, we got your application about the job. Um, we'd like to go ahead and interview you. Can you come in for an interview later? That would be great. OK, I'll see you then."

Did you get clear information about the interview? Do you know who to meet with and when to be there? Are you even sure which place you applied to is the one that is interested in interviewing you?

This lesson will focus on effective communication skills. You will accomplish the following during this lesson:

Objectives:

- Define communication and identify barriers to communication.
- Compare and contrast effective and ineffective communication skills.

Vocabulary:

barrier - anything that interferes with a message being sent or received.
communication - an exchange of information.
receiver - the person who receives a message.
sender - the person who creates or composes a message and delivers it either orally or in writing.

Effective Communication

Very simply put, communication is the exchange of information. When you communicate, you may send a message, or you may receive a message. The goal is to have the message

But remember, the goal of effective communication is for the message to travel clearly and easily from the sender to the receiver. It is important when communicating to reduce as many barriers as possible. Beginning with a clear message that is logical and organized and easy to understand is a good first step.

SOS Integrated Physics & Chemistry

When Mendeleev developed the first periodic table, he organized the elements into periods, or rows, and found that the resulting groups, or columns, had similar physical and chemical properties. His table was organized on the basis of atomic weight. Later on, when the proton was discovered and the periodic table was reorganized on the basis of atomic number, these groups were even more clearly defined. The groups are useful to know because they tell you even more about the physical and chemical properties of the elements within them.

What group of elements is most likely to contain elements that will be found pure in nature?

strong metals
 transition metals

There are no items that require teacher grading.

SOS Algebra I

ANEMONICS

Remember, more words end in -or than -er!

Remember, more words end in -or than -er!

Recommended Resources



Building on the American Heritage Series: Six DVD Set

Accompanied by former legislator Rick Green, David Barton traces America's history back to the source and navigates our nation's religious, moral, and constitutional heritage. The renowned Christian scholar uncovers forgotten stories, answers the questions Americans are asking today, and encourages viewers to learn the truth of America's past in order to shape its future.

scholar uncovers forgotten stories, answers the questions Americans are asking today, and encourages viewers to learn the truth of America's past in order to shape its future.

Item #	ISBN #	Price
DVBAH	978-0-7403-2480-2	\$79.95



The Last Brickmaker in America

Henry Cobb (Sidney Poitier) is an honest laborer fighting for tradition. After pouring 57 years of sweat and blood into his family's brickyard, Henry has his passion for work replaced by grief from the death of his wife and fear of automation's

increasing hold on American manufacturing. Then, 12-year-old Danny Potter enters Henry's life.

Item #	ISBN #	Price
DVLBM	978-0-7403-2250-1	\$19.95

See more resources on p. 40-43.



LIFEPAC Grade 10

Get the best value for your dollar with this complete set. Each of the core subjects of Bible, history and geography, science, language arts, and math comes with ten worktexts and a teacher's guide. Based on concept mastery, biblical integration, flexibility, and personal instruction, this step-by-step, comprehensive set gives students a well-rounded education.

LIFEPAC Grade 10			
Item #	Description	ISBN #	Price
BIB1015	Old Testament Survey Set	978-0-8671-7209-6	\$58.95
HIS1015	World History Set	978-0-8671-7044-3	\$58.95
LAN1015	English II Set	978-0-8671-7221-8	\$63.95
MAT1015	Geometry Set	978-0-8671-7233-1	\$64.95
SCI1015	Biology Set	978-0-8671-7245-4	\$58.95
LCS1000	Complete 5-subject Set	978-0-7403-0879-6	\$295.95
SD1001	10th Grade Science Experiments DVD	978-0-7403-0735-5	\$15.95



Switched-On Schoolhouse Grade 10

Save money and get an entire year of Christian homeschool curriculum in the five core subjects of Bible, history and geography, science, language arts, and math. Available on CD-ROMs for Windows® operating systems, this interactive curriculum streamlines your homeschooling day with time-saving tools like automatic lesson planning, calendar scheduling, and grading.

SOS Grade 10			
Item #	Description	ISBN #	Price
12SOS1000B	Old Testament Survey	978-0-7403-2602-8	\$95.95
12SOS1000H	World History	978-0-7403-2603-5	\$95.95
12SOS1000L	English II	978-0-7403-2604-2	\$95.95
12SOS1000M	Geometry	978-0-7403-2605-9	\$95.95
12SOS1000S	Biology	978-0-7403-2606-6	\$95.95
12SOS1015	Complete 5-subject Set	978-0-7403-2624-0	\$439.99

Featured Electives



SOS Earth Science

Reaffirm your student's understanding of God's creation with this in-depth study of Earth's formation, structure, interacting systems, and place in the universe.

Outshining traditional textbooks, this 12-unit, technology-driven course uses eye-catching media tools to enrich learning of topics like rocks, weather, water cycles, the atmosphere, and the solar system.

Item #	ISBN #	Price
12S0SES	978-0-7403-2689-9	\$94.95



LIFEPAC Civics

This one-semester course helps students understand the foundation of American government. Colorful worktexts explain the roles and responsibilities of individual citizens, America's role abroad,

and the structure of American leadership. Additional topics include learning about state and local governments, the election process, economics, and comparative governments. The set includes five worktexts, a teacher's guide, and a resource guide.

Item #	ISBN #	Price
ES8815	978-0-7403-1240-3	\$58.95

Find a full list of electives on p. 38-39.

Get a Better Look

View full-size samples from Switched-On Schoolhouse and LIFEPAC on p. 44-55.

LIFEPAC Biology, Unit 6, p. 4

LIFEPAC World History, Unit 9, p. 11

SOS Teacher: Assignment

THE NOVEL

SOS World History

SOS English II

SOS Old Testament Survey

Recommended Resources



The American Heritage Collection: Seven DVD Set

Explore America's godly heritage and the Bible's profound influence on American life and culture over the past four centuries with this eye-opening series from Christian historian David Barton. Including a private tour of the United States Capitol, this set also discusses the principles for a successful government and how Christians can positively impact our nation today.

Item #	ISBN #	Price
DVAHC	978-0-7403-2468-0	\$79.95



WWJD: The Movie

Based on the novel *In His Steps* by Charles Sheldon, *WWJD* is set in Raymond, California, a once prosperous town that has hit hard times. An ambitious politician wants to turn around the town's fortunes with a casino, and he wants to build it on the grounds of a church. With the help of his congregation, Pastor Maxwell sets out to save the town from choosing money over morality.

Item #	ISBN #	Price
DWWWJD	6 25828 55980 8	\$19.95

See more resources on p. 40-43.



LIFEPAC Grade 11

Get an entire year of curriculum at once and save! Based on concept mastery, biblical integration, and personalized instruction, this engaging curriculum builds a solid educational background with colorful, self-paced worktexts, diverse activities, and motivating lessons in the five core subjects of Bible, history and geography, science, language arts, and math.

Item #	Description	ISBN #	Price
BIB1115	Bible Doctrine Set	978-1-5809-5632-1	\$58.95
HIS1115	American History Set	978-1-5809-5669-7	\$58.95
LAN1115	English III Set	978-1-5809-5706-9	\$75.95
MAT1115	Algebra II Set	978-1-5809-5743-4	\$64.95
SCI1115	Chemistry Set	978-1-5809-5780-9	\$58.95
LCS1100	Complete 5-subject Set	978-0-7403-0880-2	\$311.95



Switched-On Schoolhouse Grade 11

Rich in multimedia features, this computer-based set offers academic instruction in the five core content areas of Bible, history and geography, science, language arts, and math. Video clips and learning games help students build knowledge in a fun and interactive environment, while parents save time with automatic lesson planning and grading.

Item #	Description	ISBN #	Price
12SOS1100B	Bible Doctrine	978-0-7403-2607-3	\$95.95
12SOS1100H	American History	978-0-7403-2608-0	\$95.95
12SOS1100L	English III	978-0-7403-2609-7	\$95.95
12SOS1100M	Algebra II	978-0-7403-2610-3	\$95.95
12SOS1100S	Chemistry	978-0-7403-2611-0	\$95.95
12SOS1115	Complete 5-subject Set	978-0-7403-2625-7	\$439.99

Featured Electives



SOS Speech: Essentials of Communication

Teach your student to approach public speaking with confidence. Filled with practical life lessons, this year-long study teaches the fundamentals of social and professional interaction, including communication foundations, language characteristics, interpersonal relationships, understanding group dynamics, and presenting and interpreting public messages.

Item #	ISBN #	Price
12SOSEC	978-0-7403-2686-8	\$54.95

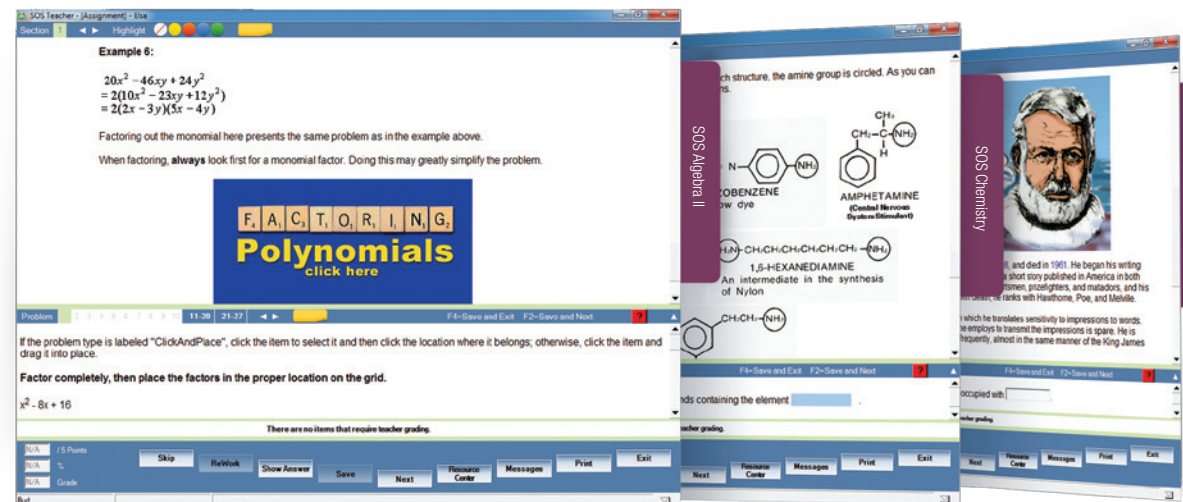
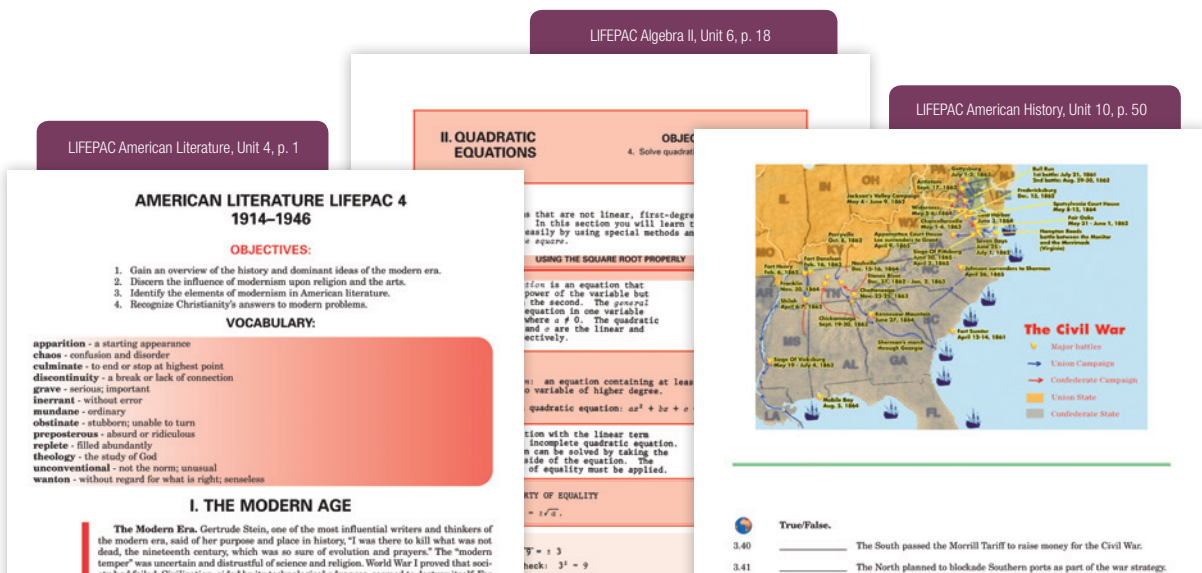


LIFEPAC American Literature

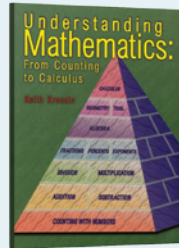
Students discover enriching works from renowned American writers with this five-unit course, a perfect supplement to the LIFEPAC Language Arts curriculum. Colorful worktexts are filled with masterpieces by monumental U.S. authors, such as Henry Wadsworth Longfellow, Walt Whitman, Edgar Allan Poe, Emily Dickinson, Mark Twain, Ernest Hemingway, and F. Scott Fitzgerald.

Item #	ISBN #	Price
ES9415	978-0-7403-0134-6	\$42.95

Find a full list of electives on p. 38-39.



Recommended Resources

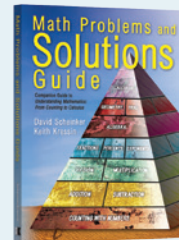


Understanding Mathematics: From Counting to Calculus

Help your student find math success with this easy-to-understand, non-technical reference book that begins with counting and builds to more advanced math topics like trigonometry and calculus.

Hundreds of detailed examples, step-by-step illustrations, and pictures emphasize important concepts to perfectly complement any math curriculum.

Item #	ISBN #	Price
MM0221	978-0-9657-3001-3	\$24.95



Math Problems & Solutions

Math proficiency requires practice! This 305-page companion to the best-selling book, *Understanding Mathematics: From Counting to Calculus*, helps students of all ages build more confidence and expertise with over 10,000 problems and

solutions, bonus sections with extended math explanations, helpful hints to accelerate problem solving, and real-world problem scenarios.

Item #	ISBN #	Price
MM0224	0-9657300-2-6	\$24.95

See more resources on p. 40-43.



LIFEPAC Grade 12

Get the best value for your dollar with this complete set. Each of the core subjects of Bible, history and geography, science, language arts, and math comes with ten worktexts and a teacher's guide. Based on concept mastery, biblical integration, flexibility, and personal instruction, this step-by-step, comprehensive set gives students a well-rounded education.

LIFEPAC Grade 12			
Item #	Description	ISBN #	Price
BIB1215	Christian Faith & Living Set	978-1-5809-5635-2	\$58.95
HIS1215	Government & Economics Set	978-1-5809-5672-7	\$58.95
LAN1215	English IV Set	978-1-5809-5709-0	\$64.95
MAT1215	Pre-Calculus Set	978-1-5809-5746-5	\$64.95
SCI1215	Physics Set	978-1-5809-5783-0	\$58.95
LCS1200	Complete 5-subject Set	978-0-7403-0881-9	\$296.95



Switched-On Schoolhouse Grade 12

Save money and get an entire year of Christian homeschool curriculum in the five core subjects of Bible, history and geography, science, language arts, and math. Available on CD-ROMs for Windows® operating systems, this interactive curriculum streamlines your homeschooling day with time-saving tools like automatic lesson planning, calendar scheduling, and grading.

SOS Grade 12			
Item #	Description	ISBN #	Price
12SOS1200B	Christian Faith & Living	978-0-7403-2612-7	\$95.95
12SOS1200H	Government & Economics	978-0-7403-2613-4	\$95.95
12SOS1200L	English IV	978-0-7403-2614-1	\$95.95
12SOS1200M	Pre-Calculus	978-0-7403-2615-8	\$95.95
12SOS1200S	Physics	978-0-7403-2616-5	\$95.95
12SOS1215	Complete 5-subject Set	978-0-7403-2626-4	\$439.99

Featured Electives



SOS College Planner

Jump start your soon-to-be graduate's career with this five-unit course packed with practical tips to help students and parents with the next stage of learning. Media-rich lessons cover topics like selecting a college, completing applications, applying for financial aid, and studying for entrance exams.

Item #	ISBN #	Price
12SOSCP	978-0-7403-2681-3	\$36.95



LIFEPAC Foundations for Living, Studies in the Christian Worldview®

Teach your student practical Christian living with this supplemental course that demonstrates how to apply biblical teachings to life and ways to become better servants and leaders. Containing ten worktexts and a teacher's guide, this curriculum also includes lessons about family, marriage, parenting, politics, Christian education, and art.

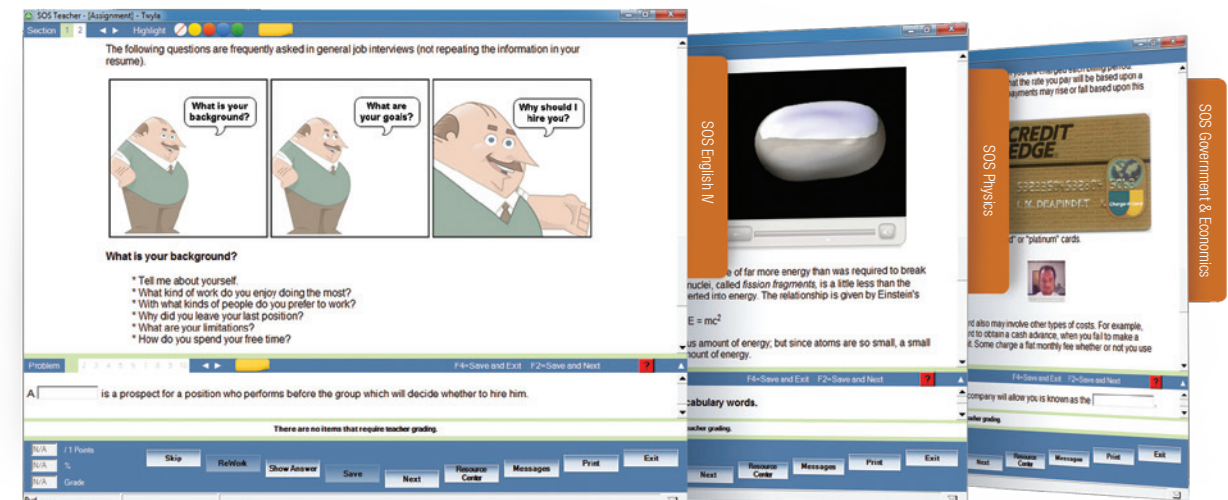
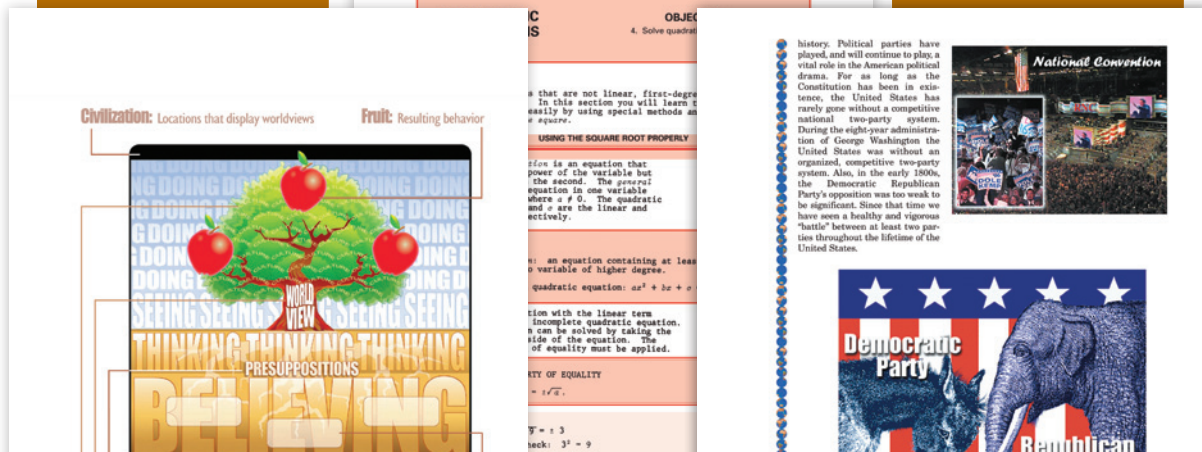
Item #	ISBN #	Price
12SOSFOL	978-0-7403-2691-2	\$94.95

Find a full list of electives on p. 38-39.

LIFEPAC Algebra II, Unit 6, p. 18

LIFEPAC Foundations for Living, Unit 5, p. 3

LIFEPAC Government & Economics, Unit 3, p. 3





"SOS has made our homeschooling experience great! We have time to be a family, and that is wonderful! My son loves it. He looks forward to school, and I no longer have to beg him to do his work."

- Adam B., Illinois

Horizons Electives

Teach growing students to strengthen minds and muscles with Horizons Health and Horizons Physical Education. Available for grades K-8, Horizons Health sets help students recognize God's will for healthy living. Horizons Physical Education covers fitness techniques, team sports, athletic discipline, and more for grades PreK-2, 3-5, 6-8, and 9-12.

LIFE PAC Electives

LIFE PAC offers a wide variety of elective courses to diversify students' studies. Mostly designed for middle and high school grades, these must-have courses are made to enrich LIFE PAC's core subjects. This Christian homeschool curriculum features over 15 electives, including Drawing Basics with renowned artist Thomas Kinkade.

Switched-On Schoolhouse Electives

Switched-On Schoolhouse electives offer a well-rounded educational experience. In addition to its traditional core subjects, SOS can enhance your child's learning experience with over 85 multimedia-rich electives filled with interactive lessons and games. SOS features specialized courses in world languages, history, math, science, literature, GED preparation, business, health, and more.

Switched-On Schoolhouse State History

Switched-On Schoolhouse State History is available for all 50 states! Recommended for grades 7-12, each state program retails for \$33.95 and contains detailed facts about each state's history, government, and culture. These courses are excellent at enhancing writing skills, applying math skills, and learning about businesses and resources. Ask your retailer for more information.

Item #	Description	ISBN #	Price
JHCK00	Kindergarten Health Set	978-0-7403-1699-9	\$22.00
JHC100	1st Grade Health Set	978-0-7403-1700-2	\$22.00
JHC200	2nd Grade Health Set	978-0-7403-1701-9	\$22.00
JHC300	3rd Grade Health Set	978-0-7403-1702-6	\$22.00
JHC400	4th Grade Health Set	978-0-7403-1703-3	\$22.00
JHC500	5th Grade Health Set	978-0-7403-1704-0	\$22.00
JHC600	6th Grade Health Set	978-0-7403-1705-7	\$22.00
JHC700	7th-8th Health Set	978-0-7403-1706-4	\$26.95
JPE002	PreK-2nd Grade P.E.	978-0-7403-1468-1	\$39.95
JPE005	3rd-5th Grade P.E.	978-0-7403-1469-8	\$39.95
JPE008	6th-8th Grade P.E.	978-0-7403-1470-4	\$39.95
JPE012	9th-12th Grade P.E.	978-0-7403-1471-1	\$49.95

Item #	Description	ISBN #	Grades	Price
ES9315	Accounting Set	978-0-7403-0196-4	7-12	\$58.95
ES9415	American Literature Set	978-0-7403-0134-6	7-12	\$42.95
ES9115	Art Set	978-0-7403-0175-9	7-12	\$58.95
ES9515	British Literature Set	978-0-7403-0203-9	7-12	\$42.95
ES8115	Business Computer Information Systems	978-0-7403-1980-8	9-12	\$77.95
ES8815	Civics Set	978-0-7403-1240-3	7-12	\$58.95
ES2230	LIFE PAC Computer Lit-Windows® 7 Set	978-0-7403-2174-0	7-12	\$29.95
ES2315	Consumer Math Set	978-0-7403-0330-2	11-12	\$48.95
ES4516	Drawing Basics DVD Set	978-0-7403-0478-1	3-8	\$58.95
ES9015	Essentials of Communication Set	978-0-7403-0749-2	9-12	\$40.95
ES9815	Family & Consumer Science Set	978-0-7403-0162-9	7-12	\$63.95
ES8915	Foundations for Living Set	978-0-7403-0371-5	9-12	\$56.95
ES9615	Health Quest Set	978-1-5809-5929-2	4-7	\$43.95
ES9715	High School Health Set	978-0-7403-0182-7	8-12	\$40.95
ES9216	Spanish I Set with CDs	978-0-7403-2011-8	9-12	\$85.95
ES9916	Spanish II Set with CDs	978-0-7403-0241-1	9-12	\$85.95

Item #	Description	ISBN #	Grade	Price
12SOSAM	American Literature	978-0-7403-2677-6	7-12	\$54.95
12SOSBL	British Literature	978-0-7403-2679-0	7-12	\$54.95
12SOSBCIS	Business Computer Information Systems	978-0-7403-2678-3	9-12	\$94.95
12SOSCV	Civics	978-0-7403-2683-7	7-12	\$54.95
12SOSCW	The Civil War	978-0-7403-2684-4	9-12	\$54.95
12SOSCM	Consumer Math	978-0-7403-2680-6	11-12	\$94.95
12SOSCP	College Planner	978-0-7403-2681-3	9-12	\$36.95
12SOSSES	Earth Science	978-0-7403-2689-9	8-12	\$94.95
12SOSEM	Essentials of Math	978-0-7403-2389-8	8-12	\$54.95
12SOSHE	Family & Consumer Science	978-0-7403-2697-4	7-12	\$94.95
12SOSFOL	Foundations for Living	978-0-7403-2691-2	9-12	\$94.95
12SOSFR1	French I	978-0-7403-2700-1	9-12	\$99.95
12SOSFR2	French II	978-0-7403-2701-8	9-12	\$99.95
12SOSSEFR	Elementary French	978-0-7403-2687-5	3-6	\$104.95
12SOSSEFR	Secondary French	978-0-7403-2702-5	7-12	\$104.95
12SOSGPH	GED Preparatory History	978-0-7403-2692-9	9-12	\$39.95

SOS Electives	Item #	Description	ISBN #	Grade	Price
12SOSGPL	GED Preparatory Language	978-0-7403-2693-6	9-12	\$39.95	
12SOSGPM	GED Preparatory Math	978-0-7403-2694-3	9-12	\$39.95	
12SOSGPS	GED Preparatory Science	978-0-7403-2695-0	9-12	\$39.95	
12SOSGSIII	General Science III	978-0-7403-2696-7	9-12	\$94.95	
12SOSHQ	Health Quest	978-0-7403-2699-8	4-7	\$54.95	
12SOSHH	High School Health	978-0-7403-2698-1	8-12	\$54.95	
12SOSPFL	Personal Financial Literacy	978-0-7403-2714-8	9-12	\$54.95	
12SOSPF	Physical Fitness	978-0-7403-2715-5	9-12	\$54.95	
12SOSSP1	Spanish I	978-0-7403-2703-2	9-12	\$94.95	
12SOSSP2	Spanish II	978-0-7403-2704-9	9-12	\$94.95	
12SOSSESP	Elementary Spanish	978-0-7403-2690-5	3-6	\$104.95	
12SOSSSP	Secondary Spanish	978-0-7403-2705-6	7-12	\$104.95	
12SOSSEC	Speech: Essentials of Communication	978-0-7403-2686-8	9-12	\$54.95	
12SOSSTC	The Story of the Constitution	978-0-7403-2682-0	7-12	\$36.95	
12SOSTG	Trigonometry	978-0-7403-2707-0	9-12	\$54.95	
12SOSTCAH	Twentieth Century American History	978-0-7403-2706-3	9-12	\$54.95	
12SOSVE	Vietnam Era	978-0-7403-2708-7	9-12	\$54.95	

Horizons Health 3, Student Workbook, p. 11

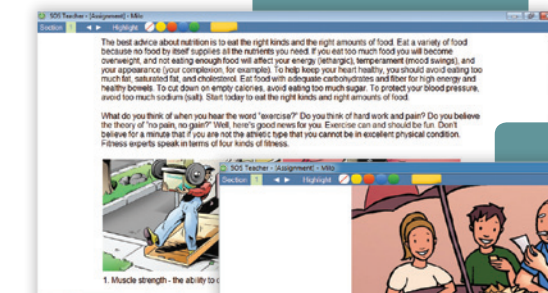
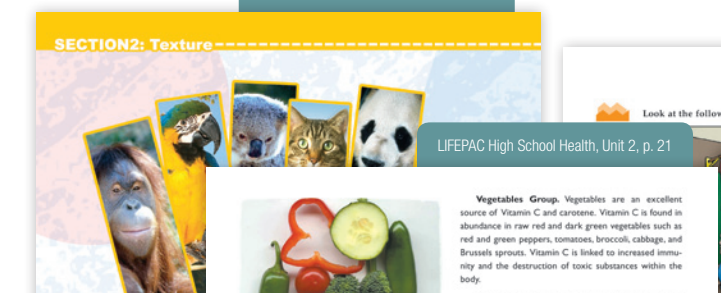
Horizons Health 4, Student Workbook, p. 43

LIFE PAC Drawing Basics, Unit 3, p. 40

LIFE PAC Spanish I, Unit 2, p. 35

SOS Family & Consumer Science

SOS Earth Science





The Creation Series

Search for life beyond Earth in *The Heavens Declare*, debate the timeline of Earth's history in *The Heavens Declare: Beyond the Milky Way*, and explore the uniqueness and power of the solar system's star in *The Young Sun*. Looking into biblical truths, these educational documentaries depict a Christian view of the Creator's handiwork that is sure to astound and amaze you. Each title in this set is also available separately.

DVHD	The Heavens Declare	978-0-7403-1895-5	\$14.95
DVHD2	The Heavens Declare: Beyond the Milky Way	978-0-7403-2168-9	\$14.95
DVYS	The Young Sun	978-0-7403-1894-8	\$14.95
DVCS	Three DVD Set	978-0-7403-2195-5	\$29.95



The American Heritage Series

From the separation of church and state to the civil rights movement, from the heroism of our founding fathers to the building of our nation's monuments, this Christian documentary series inspires Americans to reclaim the godly history of our nation. Containing all 26 episodes on ten DVDs, *The American Heritage Series* follows historian David Barton as he experiences the untold, true story of our nation's history.

DVAHS	Ten DVD Set	978-0-7403-1893-1	\$79.95
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Building on the American Heritage Series

Accompanied by former legislator Rick Green, David Barton uncovers forgotten stories and answers the questions Americans are asking today. As he invites us to examine our nation's

founding documents and discover the original intent of our founding fathers firsthand, Barton also encourages viewers to learn the truth of America's past in order to shape its future.

DVBAH	Six DVD Set	978-0-7403-2480-2	\$79.95
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The American Heritage Collection

Explore America's godly heritage and the Bible's profound influence on American life and culture over the past four centuries with this eye-opening series from Christian historian David Barton.

Over ten hours long, this set includes episodes like "A Spiritual Tour of the U.S. Capitol," "The Role of Pastors and Christians in Civil Government," and "Keys to Good Government."

DVAHC	Seven DVD Set	978-0-7403-2468-0	\$79.95
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Mike's Inspiration Station

Let your child's inner artist shine with this exciting series of instructional DVDs created just for kids! Featuring two sets with six volumes each, this series offers dozens of projects that draw out

the budding artist in every child with fun, Bible-based lessons on drawing, painting, and sculpting, as well as unique activities like making clothespin puppets and fridge art.

As seen on TV!

DVMIS	Volumes 1-6	978-0-7403-2184-9	\$39.95
DVISS	Volumes 7-12	978-0-7403-2458-1	\$39.95



Live Butterfly Garden®

Pique your student's interest in metamorphosis with this hands-on activity. Ideal for 3rd grade science, this kit includes a beautiful butterfly garden, a certificate for five Painted

Lady caterpillars, and a complete care and instruction guide with fascinating butterfly facts. Share the transformation of caterpillars into butterflies with the whole family while giving your student an up-close look at the miracle of science.

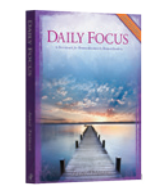
GE9285		7 35569 01010 7	\$19.99
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Early Readers Series

Emphasizing various stages of phonics through Bible stories, this popular series progresses from short-vowel words to consonant blends and more. Each level contains five story books.

BR0101	Level 1 (Preschool)	978-0-7403-0115-5	\$25.00
BR0102	Level 2 (Kindergarten)	978-0-7403-0121-6	\$25.00
BR0103	Level 3 (Grade 1)	978-0-7403-0127-8	\$25.00



Daily Focus®

As homeschooling parents, don't we all appreciate words of encouragement? Now, you can re-energize your homeschool day with uplifting devotionals in the *Daily Focus*. Filled with 365 real-life homeschooling stories that speak to a homeschooler's heart,

the *Daily Focus* not only encourages and rekindles your joy of homeschooling, but it also deepens and transforms your spiritual life with each inspiring devotional that relates to God's Word.

AR8001		978-0-7403-1475-9	\$12.95
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Rev-Up for Learning: Reading, Writing, & Arithmetic

Teach your child a lifelong love for books, penmanship, and numbers! Starring Revver® and the animated characters from the *Amazing Bible Series*, this DVD presents over 50 concepts and three episodes for children ages 3-7. Learn how to count to 20 in "Rev-Up for Arithmetic," learn the alphabet sequence in "Rev-Up for Reading," and form all 26 letters in "Rev-Up for Writing."

DVRU		978-0-7403-2239-6	\$14.95
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Bible Plays

Join director Donovan and his theater class of Ian, Braden, and Hannah as they rehearse plays of their favorite stories from the Bible and learn important lessons about God while trying to sidestep trap doors and avoid the occasional rocket ship. Volume

1 includes David and Goliath, Jonah and the Whale, Daniel and the Lions' Den, and Samson and Delilah. Volume 2 includes Noah's Ark, The Battle of Jericho, Shadrach, Meschach, and Abednego, and The Good Samaritan.

DVBP1	Volume 1	978-0-7403-2427-7	\$12.95
DVBP2	Volume 2	978-0-7403-2428-4	\$12.95



Jonah: A Great Fish Story

He was the Old Testament prophet who fled the word of the Lord, only to find himself headed for a whale of a predicament! When Jonah gets caught in the belly of a great fish, he learns an unforgettable lesson about obedience and honoring his responsibilities. Now, experience

the story of Jonah like never before, told entirely in verse with stop-motion animation and computer-generated effects by artist James Christensen.

DVJH		978-0-7403-1989-1	\$9.95
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The Jesus Kids' Club

Join Chris, Diana, and Alex as they try to make a difference in the lives of the people around them. From bullies and grumpy neighbors to puppies at the animal shelter, the Jesus Kids' Club shares their service and God's love while keeping Jesus at the center of their lives. Along the way, they

discover that serving Him can be the best reward of all. This DVD includes six short episodes, including *Zombie Cat*, *Bad Gum*, *Checkmate*, *The Best Reward*, *Prayer for One*, and *Remy's Carnival*.

DVJKC		978-0-7403-2426-0	\$12.95
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All Aboard America

Hop aboard Rudy, the giant bald eagle, as he soars across the United States with a host of patriotic friends, including Stars the dog, Stripes the cat, and Dolly Ding Dong, the cheerful steam engine. A musical and visual experience that teaches

and entertains, *All Aboard America* is an animated DVD that visits the most awe-inspiring landmarks while singing classic American anthems, including "Yankee Doodle Dandy" and "Grand Old Flag."

DVAA		978-0-9743-5491-0	\$14.95
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Junior's Giants

Junior Anderson is a smart elementary school student with wit, imagination, and a comically whimsical Christian family. Laugh and learn as Junior wages battle against his temper and an angry giant named

Tude in "Anger's Everywhere" and his uncontrollable greed for the ultimate new toy in "Envy Thou Not." Then, in "Nothing but the Truth," a giant crocodile lawyer gives Junior terrible advice, sending him on a cross-country trip with his mom to reveal the truth.

DVJG1	Anger's Everywhere	978-0-7403-1480-3	\$14.95
DVJG2	Envy Thou Not	978-0-7403-1481-0	\$14.95
DVJG3	Nothing but the Truth	978-0-7403-2236-5	\$14.95



Character Builders

Thousands of people have enjoyed teaching children godly values for years with this heartwarming series. Now, these adorable classics have been remade in state-of-the-art animation for today's generation to enjoy. This animated series entertains and teaches children

important lessons on obedience, self-control, honesty, kindness, responsibility, thankfulness, gentleness, love, patience, politeness, sharing, and more.

DVACBS	Eight DVD Set	978-0-7403-1464-3	\$49.95
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Davey and Goliath

This commemorative collection teaches lessons about responsibility ("The Bell Ringer," "Man of the House"), forgiveness ("Not for Sale," "Bully Up a Tree"), overcoming jealousy ("The Winner," "The Lemonade Stand"), safety ("Officer Bob"), honoring one's parents ("The New Skates,"

"The Runaway"), compassion ("The Shoemaker," "Good Neighbor"), and God's miraculous power ("Down on the Farm," "Hocus Pocus"). This set also includes six previously lost episodes.

DVDAGS1	Volumes 1-6	978-0-7403-2222-8	\$49.95
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Discovering America's Founders

Ride along with host Dave Stotts as he takes a fast-paced drive through American history in Focus on the Family's award-winning *Drive Thru History Series*. Based on the work of David Barton, this DVD takes viewers to Washington, Philadelphia, Baltimore, and Virginia to learn about the life and times of key patriots like John Adams, Benjamin Franklin, and George Washington.

DVDAF	978-0-7403-1876-4	\$14.95
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The Cross and the Towers

On September 11, 2001, a terrorist attack in New York City left a scene of incomprehensible destruction and hearts overwhelmed with despair. Then, in the midst of the devastation, an amazing symbol of hope was found buried beneath the rubble of Ground Zero. This emotion-stirring documentary follows seven people whose lives were changed forever by 9/11.

DVCT	978-0-7403-2206-8	\$14.95
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Watch & Talk

Hosted by GRAMMY Award-winning Christian musician Rebecca St. James, *Watch & Talk* is an easy and exciting way to engage families in devotions that are fun, open-ended, and Bible-based. Each short film has a specific theme intended to drive insight and powerful change in viewers' lives.

DWT1	Volume 1 - Living in the Light of God's Grace	978-0-7403-2718-6	\$17.95
DWT2	Volume 2 - Walking in the Light of God's Love	978-0-7403-2719-3	\$17.95
DWT3	Volume 3 - Growing in the Light of God's Truth	978-0-7403-2720-9	\$17.95



The Miracle of the Cards

Eight-year-old cancer patient Craig Shergold tries to collect the world's largest influx of greeting cards in this true story that follows a British family's quest to be recorded in the Guinness Book of World Records. As the story spreads, a skeptical newspaper reporter (Kirk Cameron) travels to England to observe the events, unaware that the journey will change his life forever.

DVMC	978-0-7403-2505-2	\$19.95
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Typing Instructor Platinum

This best-selling program for ages 10 and up combines typing instruction in English and Spanish with personalized lesson plans, fun adventure themes, and over 30 multi-level games. Students learn letter keys, numeric keys, symbols, and tips for improving words per minute. This program is compatible with Windows® and Macintosh®.

ER2001	0 18527 10495 8	\$29.99
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Faith of Our Fathers

Peer into the souls of our founding fathers to see what they intended when they framed the Constitution and wrote the First Amendment religion clauses. *Faith of Our Fathers* examines how church and state relations have changed over time and how these interpretations compare to the original intentions of our nation's founders.

DWWS	978-0-7403-1678-4	\$14.95
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Resurrection: A Max Lucado Story

The renowned short story is brought to life in this dramatic production that follows Claudius, a Roman guard who finds himself in the middle of a cover-up of the tumultuous events after Christ's execution. In the end, his relentless pursuit of answers threatens his reputation and even his life, but it also leads to his renewal.

DVRES	978-0-7403-2422-2	\$14.95
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The Bible Explorer Series

Journey with Bob Cornuke, a biblical investigator and real-life Indiana Jones who has made more than 20 expeditions around the world searching for lost locations described in the Bible. Using the Bible as a road map to uncover ancient mysteries, this set of three exhilarating adventures includes *Search for the Ark of the Covenant*, *Search for Noah's Ark*, and *Search for Mt. Sinai*.

DVBE1	Search for the Ark of the Covenant	978-0-7403-1680-7	\$12.95
DVBE2	Search for Noah's Ark	978-0-7403-1681-4	\$12.95
DVBE3	Search for Mt. Sinai	978-0-7403-1682-1	\$12.95
DVBES	Three DVD Set	978-0-7403-1683-8	\$29.95



Smitty

After getting into trouble with the law again, 13-year-old Ben Barrett is sent to Iowa to spend the summer on a farm with his tough grandfather, Jack (Peter Fonda). To help Ben get a friend, Jack takes him to the dog pound, where Ben meets Smitty.

Between the dog and a friendly neighbor (Louis Gossett, Jr.), Ben soon learns lessons about friendship, family, and responsibility.

DVSM	978-0-7403-2564-9	\$19.95
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The U.S. Government

Designed for grades 6-12, this consumable activity book takes students on a fact-finding tour of the Constitution, the justice system, Congress, the Supreme Court, the U.S. Postal Service, the election process, the military, and more. Show your students their responsibility as citizens through 24 fun-filled lessons and learning activities that spark further exploration.

ER2015	0 15617 58213 9	\$14.99
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Billy: The Early Years of Billy Graham

Meet Billy Graham as a young man at the crossroads of faith and doubt. Set against the backdrop of Graham's relationship with Charles Templeton, another young preacher who eventually rejects God, this inspiring biography honestly portrays Graham's struggle with Templeton's unbelief and shows how his faith helped launch one of history's most powerful evangelistic ministries.

DVBEG	6 25828 52800 2	\$19.95
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The Last Brickmaker in America

Henry Cobb (Academy Award® winner Sidney Poitier) is an honest laborer fighting for tradition. After pouring 57 years of sweat and blood into his family's brickyard, Henry has his passion for work replaced by grief from the death of his wife and fear of automation's increasing hold on American manufacturing. Then, 12-year-old Danny Potter enters Henry's life.

DVLBM	978-0-7403-2250-1	\$19.95
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The Mandie Series

Take your homeschool family on an unforgettable adventure of mystery and discovery with Mandie. Based on the best-selling book series by Lois Gladys Leppard, these feature-length DVDs tell the captivating story of a young girl whose life is changed after her father's death.

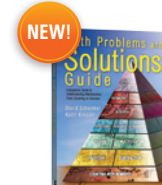
DVMST	Mandie and the Secret Tunnel	978-0-7403-1918-1	\$19.95
DVMCT	Mandie and the Cherokee Treasure	978-0-7403-2177-1	\$19.95
DVMFC	Mandie and the Forgotten Christmas	978-0-7403-2493-2	\$19.95



Fit Family Fit Circuit

Develop a family routine that strengthens the body and spirit with *Fit Family Fun Circuit*. Created by leading fitness instructor Tonya Larson, this enjoyable workout encourages families to march, kick, jump, dance, balance a ball, and stretch together in two circuit routines and a relaxing cool-down. This workout also features a bonus strength-training routine.

DVFFTL	978-0-7403-2513-7	\$14.95
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Math Problems & Solutions

Math proficiency requires practice! This 305-page softbound companion to the best-selling book, *Understanding Mathematics: From Counting to Calculus*, helps students of all ages build more confidence and expertise with over 10,000 corresponding problems and solutions, real-world problem scenarios, bonus sections with extended math explanations, and more.

MM0224	0-9657300-2-6	\$24.95
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The Secrets of Jonathan Sperry

When Dustin (Jansen Panettiere) mows the lawn of 75-year-old Jonathan Sperry (Gavin MacLeod), a man he has seen at church, a unique friendship develops. What happens during the rest of the summer of 1970 and the message Jonathan shares is something Dustin and his friends will never forget. This film also stars Robert Guillaume as the grumpy Mr. Barnes.

DVSJS	8 24483 01209 7	\$19.95
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WWJD: The Movie

Based on the novel *In His Steps* by Charles Sheldon, *WWJD* is set in a once prosperous town that has hit hard times. A politician wants to turn around the town's fortunes with a casino, and he wants to build it on the grounds of a church. With the help of the congregation, Pastor Maxwell seeks to change the town's selfish ways and save the church with Christ-like behavior.

DVWWJD	6 25828 55980 8	\$19.95
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Where the Red Fern Grows

Featuring an adaptation of the classic novel by Wilson Rawls and the sequel inspired by the original characters, this set follows Billy Coleman's childhood adventures with his two redbone hound dogs during the Great Depression through his emotional recovery in the Louisiana woods after losing a leg in World War II.

DVRG	Where the Red Fern Grows	978-1-5637-1362-0	\$12.95
DVRG2	Where the Red Fern Grows: Part 2	978-1-5637-1158-9	\$12.95
DVRG-2PK	Two DVD Set	978-1-5637-1080-3	\$19.95



The Sugar Creek Gang

Join the adventures of Bill Collins, Poetry, Circus, Dragonfly, Big Jim, and Little Jim in this charming series based on the best-selling books by Paul Hutchens. Ideal for the whole family, this series consists of five entertaining episodes, including *Swamp Robber*, *The Great Canoe Fish*, *Race Against Nightfall*, *Secret Hideout*, and *Teacher Trouble*.

DVSCGS	Five DVD Set	978-0-7403-1920-4	\$49.95
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Understanding Mathematics: From Counting to Calculus

This brightly illustrated book is full of easy-to-read, non-technical discussions of a broad range of math topics. Using detailed examples, step-by-step instructions, and pictures to emphasize important concepts and real-world applications, this 340-page resource is sure to be a staple on your homeschool family's shelf for years to come.

MM0221	978-0-9657-3001-3	\$24.95
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Lesson 42

Week 9: Day 2

This spread shows a sample preschool teacher's guide page (left) and a corresponding preschool lesson (right.)

- A** Lesson pages in Horizons teacher's guides clearly indicate what topics and activities are covered in that lesson. In lesson 42, students review the letter M on a colorful and illustrated worksheet as part of their phonics lesson.
- B** The teacher's guide directs teachers to have students trace the letter M and have students practice by running their finger along the large letters that appear on their worksheet. Both upper-case and lower-case letters appear on the worksheet, and helpful guidelines encourage students toward correct letter formations.
- C** The student worksheet includes the entire alphabet and highlights the letter of study for that day. With this visual reference right at students' fingertips, teachers can lead a letter recognition exercise by calling out a letter and having students point to it on their worksheet.

Science: Bring some herbs and spices for the children to smell. Go through your own collection at home for samples: oregano, rosemary, bay leaves, thyme, parsley, etc. Get some fresh cilantro, it smells wonderful! Spices are dry seeds, pods, or vegetables. Bring what you have: cinnamon, nutmeg, pepper, cocoa, etc. Let the children smell and compare everything.

Check on the garden seeds that were prepared for sprouting in Lesson 40.

Language Arts: If you can purchase some herbs in bulk or at a craft store inexpensively, let the students create a painting with glue and herbs. Have them write the word HERBS on their piece of paper, then sprinkle the glue with different kinds of herbs. This makes a form of potpourri paper that will smell good wherever it is hung.

A Phonics: Review the letter Mm.

Teach the small letter m. Write some words beginning with the letter m on the board. Include words from stories or activities that tie this lesson to other things that have already been done. Underline the small m that begins the words. Read through the words and point out the shape of letter m. Have the students trace the m in the air as you trace the letter m beginning each word.

Common words: made, make, man, many, may, me, mean, men, might, more, most, mother, move, much, must, my

Vocabulary words: map, medium, middle, month, more than, morning, mouth

B Do the Lesson 42 Phonics worksheet. Complete the letter Mm worksheet. Notice that all of the letters of the alphabet are displayed on the page and that the letters Mm are highlighted with a background. As the students get better at letter recognition you can call out a letter and ask the students to point it out with their finger. Trace the large letter and the small letter. The students can trace the letters between the guide lines. Review the pictures and the colored first letter of the words. The students can color the letters as desired.

C **Reading:** Dictate a description to accompany one's drawings of people, objects, events, or activities, derived from experience or imagination. Follow a simple recipe.

Name _____



Lesson 42
Phonics

Trace the letters M and m with your finger. Can you see the letters Mm at the beginning of the words muskrat, mink, moose, mouse, and muskox?

Aa Bb Cc Dd Ee Ff Gg Hh Ii Jj Kk Ll

A M m M m

Mm **C**

Nn

Oo

Pp

Qq

Rr

Ss

Tt

Uu

Vv

Ww

Xx

Yy

Zz

B Muskrat muskrat Mink mink Moose moose Mouse mouse Muskox muskox

Divisibility Tests

Lesson 15

Use the following **divisibility tests** to determine whether or not a number is divisible by another number.

Divisible by 2: any number ending in a 0, 2, 4, 6, or 8.

Divisible by 3: any number whose digits have a sum that is a multiple of 3.
For example, 15 is divisible by 3 because $1 + 5 = 6$ and 6 is a multiple of 3.

Divisible by 4: any number ending in 00, and any number whose final two digits form a number that is a multiple of 4.
For example, 128 is divisible by 4 because 28 is a multiple of 4. $4 \times 7 = 28$.

Divisible by 5: any number ending in a 0 or 5.

Divisible by 6: any even number whose digits have a sum that is a multiple of 3.

Divisible by 9: any number whose digits have a sum that is a multiple of 9.
For example, 387 is divisible by 9 because $3 + 8 + 7 = 18$ and 18 is a multiple of 9.

Divisible by 10: any number ending in a 0.

1 CLASSWORK

Use the divisibility tests to determine which numbers are factors of the given numbers.

	2	3	4	5	6	9	10
627							
564							
747							
900							
432							
822							
537							

ACTIVITIES

2 Use the divisibility tests to identify each number as prime or composite.

- | | |
|-----|-----|
| 125 | 135 |
| 127 | 137 |
| 129 | 139 |
| 131 | 141 |

3 Simplify the following expressions, following the proper order of operations.

- $12 - 3 \times 4 + 2 \times 5 + 4 =$
- $(13 - 2 + 7) \div (8 - 5) =$
- $3^2 + 2^3 - 6 \div 3 =$
- $(3 + 7)^2 \div 4 \div 5 + 2 \times 3 =$
- $(5 + 10 \div 2 - 7)^3 \div 9 + 2 =$
- $1^3 + 2^2 - 3 \times 4^0 + 8 \div 4 =$

5 Find the difference.

$\begin{array}{r} 493 \\ - 106 \\ \hline \end{array}$	$\begin{array}{r} 845 \\ - 809 \\ \hline \end{array}$	$\begin{array}{r} 902 \\ - 398 \\ \hline \end{array}$	$\begin{array}{r} 630 \\ - 404 \\ \hline \end{array}$	$\begin{array}{r} 312 \\ - 293 \\ \hline \end{array}$
---	---	---	---	---

6 Find the quotient.

$7 \overline{)48}$	$5 \overline{)49}$	$9 \overline{)77}$	$6 \overline{)37}$	$8 \overline{)34}$	$4 \overline{)35}$
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7 Match the quadrilaterals with the correct term.



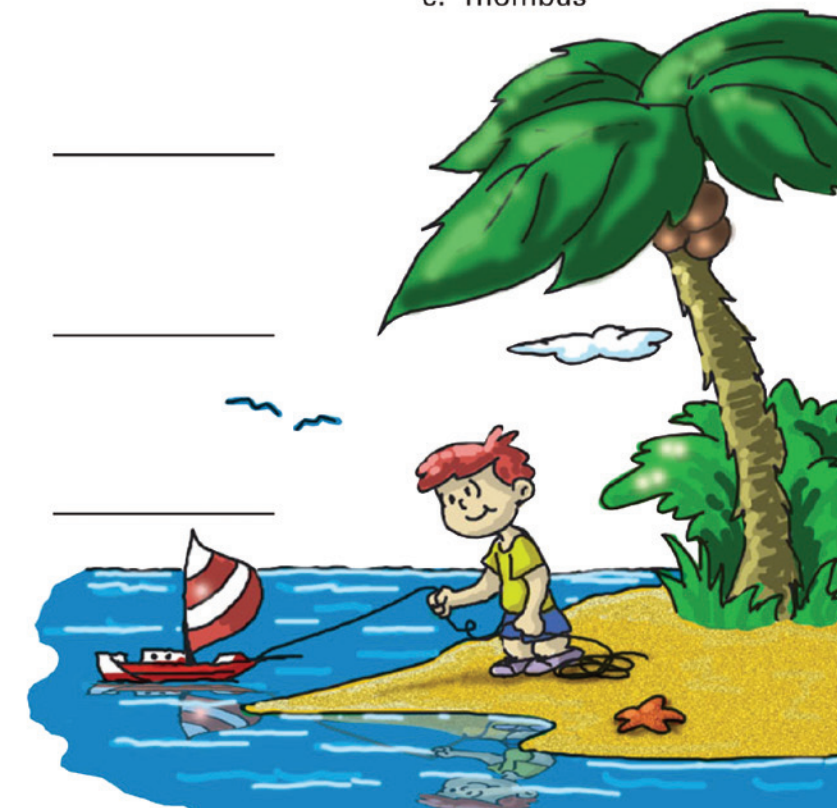








- a. square
- b. parallelogram
- c. rectangle
- d. trapezoid
- e. rhombus





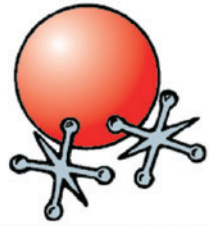
Print your new spelling sight word below.

3.18 _____



Print the missing vowels in the words for the pictures. The words are five of your new spelling words.

3.19



g m

5

f v



h m

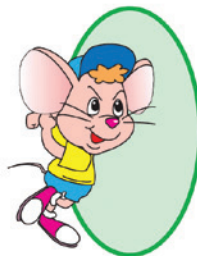


c k

Jane Tom Mike

Pat Sue

n m



5.4 Write the place of each number for 532,638,249.

5 _____
 3 _____
 2 _____
 6 _____
 3 _____
 8 _____
 2 _____
 4 _____
 9 _____



5.5 Solve.

$8 + 7 - 6 + 2 =$ _____

$12 - 9 + 8 + 5 =$ _____

5.6 Add.

$\begin{array}{r} 6,327 \\ + 5,684 \\ \hline \end{array}$

$\begin{array}{r} 19,368 \\ + 24,856 \\ \hline \end{array}$

$\begin{array}{r} 263 \\ 368 \\ + 572 \\ \hline \end{array}$

$\begin{array}{r} 426,385 \\ + 579,126 \\ \hline \end{array}$

5.7 Subtract.

$\begin{array}{r} 4,368 \\ - 1,285 \\ \hline \end{array}$

$\begin{array}{r} 6,302 \\ - 5,426 \\ \hline \end{array}$

$\begin{array}{r} 7,005 \\ - 3,267 \\ \hline \end{array}$

$\begin{array}{r} 8,463 \\ - 5,189 \\ \hline \end{array}$

5.8 Jamie has saved \$15.63. She plans to buy a birthday present that costs \$8.26. How much money will Jamie have after she buys the present?

Ben and Casey were earning money for their youth group by washing cars. Ben earned \$32.50. Casey earned \$28.75. How much money did they earn altogether?

Kevin's mother bought 3 boxes of cereal at the store. Each box cost \$3.27. How much money did Kevin's mother spend for the cereal?

The parking lot charges \$1.50 for the first hour and 75¢ for each additional hour. Kelly's dad parked his truck for five hours. What was the charge?

STATES IN THE MOUNTAIN REGION



Before you study the Mountain states, look at the map below. The map will introduce you to the Mountain area.



II. CONSERVATION OF ENERGY, POWER, AND EFFICIENCY

Now that you know the definition of energy and can identify its forms, you will learn a basic law of energy, determine how work (or energy) can be rated as a function of time, and learn a means of determining the **efficiency** of various devices that do work for us.

SECTION OBJECTIVES

Review these objectives. When you have completed this section, you should be able to:

4. Apply the law of conservation of energy in energy problems.
5. Solve problems involving power.
6. Solve problems concerning the efficiency of machines.

VOCABULARY

Study these words to enhance your learning success in this section.

- | | |
|-----------------------------|-------------------------------|
| actual mechanical advantage | law of conservation of energy |
| efficiency | power |
| ideal mechanical advantage | |

CONSERVATION OF ENERGY

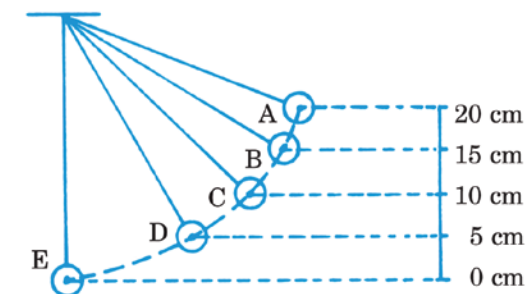
Section I defined both kinetic and potential energy in terms of the work done on an object. Implicit in the equations was a concept called the **law of conservation of energy**. The concept can be stated: The total amount of energy in a system isolated from the rest of the universe (a closed system) remains constant although energy may be transformed from one form to another within the

system. Another statement is that total energy before a transformation must equal the total energy afterward, which implies that energy is neither created nor destroyed.

Conversion between work and energy and among forms of energy conforms to the principle that the amount of energy before the conversion equals the amount of energy after the conversion.



Observe a pendulum swinging back and forth. The maximum height the pendulum can obtain is 20 cm. Point B is at 15 cm, C is at 10 cm, D is at 5 cm and E is the lowest point of the swing at 0 cm.



2.1 At what point in its swing is kinetic energy a maximum?

2.2 At what point in its swing is potential energy a maximum?



Scan this code to learn more about SOS and view a product demonstration.

SOS Teacher - [Assignment] - Tabitha

Section 1

The parts of a subtraction problem have special names. The top number is called the *minuend*. The number written *underneath* it should be smaller and is called the *subtrahend*. The answer in a subtraction problem is called the *difference*.

"Sub" = below

Now, look at the model.

Problem 2 3 4 5 6 7 8 9 10 11-20 21-24 F4=Save and Exit F2=Save and Next

Complete the sentences correctly. (If necessary, use the tab key to go from box to box.)

Number being added to get a sum is called

The number being subtracted to find a difference is

N/A / 5 Points
N/A %
N/A Grade

Skip ReWork Show Answer Save Next Resource Center Messages Print Exit

Bud Subtraction Problems

SOS Teacher - [Assignment] - Finn

Section 1 2 3

money for the men who had sent them, and for themselves. These men were so eager to get rich quickly that they were very careless in farming. Many died during the first winter at Jamestown. If the Indians had not helped them, the whole colony might have starved.

Then the settlers found that tobacco, which the Indians were growing, was popular back in England. The people in England were willing to pay a good price for it. Tobacco trade made the Jamestown colony successful. Now it was possible for the English settlers to stay in the New World.

Davy & Gravy

WWW Click here for a great explorers game: Concentration!

Problem 2 3 4 5 6 7 8 9 10 11-15 F4=Save and Exit F2=Save and Next

By the early 1600s, six nations had raised flags and claimed land in America.

There are no items that require teacher grading.

N/A / 1 Points
N/A %
N/A Grade

Skip ReWork Show Answer Save Next Resource Center Messages Print Exit

Bud Early Settlements

SOS Teacher - [Assignment] - Samantha

Section 1 2

THE HEART

At the center of the circulatory system is the heart. It pumps blood throughout the body.

Structure. Your heart is about the size of your fist. It is shaped like a pear. The heart is located to the left of the center of your chest. When your heart beats, it moves in your chest. To protect it from rubbing against your bones, the heart is surrounded by a pair of loose-fitting sacs. These sacs are called the *pericardium*. Between the two sacs of the pericardium is a layer of liquid. These liquid-filled sacs act as a pillow, protecting the heart.

vein arteries

figure 6

The heart is almost all muscle tissue. These cardiac muscles *contract* and relax. This contraction pumps blood into the arteries. When the heart muscles relax, the heart can take in blood. The heart constantly changes shape when it contracts and relaxes.

Problem 2 3 4 5 6 7 8 9 10 11-20 21-30 31-36 F4=Save and Exit F2=Save and Next

Match the following vocabulary words with their definitions.

stimuli	Become shorter or smaller
chamber	A substance that destroys or weakens bacteria
antibody	Something that causes a response
contract	An enclosed space in the body

There are no items that require teacher grading.

N/A / 4 Points
N/A %
N/A Grade

Skip ReWork Show Answer Save Next Resource Center Messages Print Exit

Bud

SOS Teacher - [Assignment] - Samantha

Section 1

Mediterranean Sea Sea of Galilee Capernaum Bethsaida Galilee Nazareth Hain Galilee Galilee DECAPOLIS PEREA Jerusalem Bethany JUDEA Dead Sea

As the Passover drew near, Jesus and His company of family and friends traveled to Jerusalem. That journey marked the initiation of Jesus' early Judean ministry, one that would continue for about five months. It would not resume until six months before His crucifixion. During the initial Judean ministry, Jesus cleansed the Temple, conversed with Nicodemus, and oversaw the baptism of those who believed in Him (John 3:22). Upon leaving Judea, Jesus met with the woman at the well prior to His arrival in Galilee.

Jesus' most active public ministry occurred in the early months in Galilee. There, He taught publicly in the synagogues and afterward sought out those who were in need of His divine touch. His listeners found Jesus' message to be full of power and authority. Mark 1:22 tells us, "They were amazed at His teaching; for He was teaching them as *one having authority, and not as the scribes.*"

As Jesus traveled out from Capernaum, He taught wherever He traveled. Included in these itinerant ministries was the Sermon on the Mount, given north of Capernaum. Throughout this period of ministry, He taught the multitudes and gave special training to the twelve disciples (Matthew 5:1). This period was also marked by many great public miracles. The Scriptures record that Jesus performed more miracles in Capernaum than in any other single place.

Problem 2 3 4 5 6 7 8 9 10 11-14 F4=Save and Exit F2=Save and Next

Diversity means a wide variety.

There are no items that require teacher grading.

N/A / 1 Points
N/A %
N/A Grade

Skip ReWork Show Answer Save Next Resource Center Messages Print Exit

Bud



Scan this code to learn more about SOS and view a product demonstration.

SOS Teacher - [Assignment] - Nadine

Section 1

An outline is a framework somewhat like the skeleton of a building. It holds the paper together as the steel girders hold up the building. Although it is essential to the paper, it is incomplete by itself.

Paragraphs. Each paragraph in a report, a speech, or an essay should develop a topic or sub-topic in the outline. The number of paragraphs is not necessarily the same as the number of items in the outline, however. One topic or sub-topic may require several paragraphs. When a new point is introduced, a new paragraph is required.

Most paragraphs are built around *topic sentences* which state the *main idea* of the paragraph. Whether or not a paragraph has a topic sentence, it must have a main idea. All sentences in a well-written paragraph relate to this central thought. Sentence structure should be varied, with connecting words or phrases used to make smooth *transitions* from one paragraph to another. Commonly used connecting words include *another, consequently, finally, and nevertheless*. Such words tell the reader that the writer is changing viewpoints or providing additional information. Transition words can be used to lead from a general discussion to a specific aspect, or from one idea to another that is closely related.

Sometimes the central thought of a paragraph is not directly stated and must be *inferred* by the reader. A news article does not use true topic sentences, but the *lead sentence* of the first paragraph may summarize the article. Often the

The topic sentence is usually the first sentence, but it may be any sentence in the paragraph. In persuasive writing or in humorous writing, the topic sentence often comes last.

Match the following. Match the items in the left column to the items in the right column.

Topic sentence: a style of writing that presents the most important information first

There are no items that require teacher grading.

N/A / 10 Points
N/A %
N/A Grade

Skip ReWork Show Answer Save Next Resource Center Messages Print Exit

SOS Teacher - [Assignment] - Ted

Section 1

Carbon + Hydrogen → Methane

Hydrogen bonding: a weak attachment. A third bonding mechanism is found with hydrogen atoms, especially when associated with oxygen or nitrogen. The *hydrogen bond* is a weak bond, but is extremely important in biological materials.

Problem 2 3 4 5 6 7 8 9 10

Match the following.

covalent bond	Donates a hydrogen atom during disassociation.
acid	Capable of combining with hydrogen, it normally donates a hydroxyl (OH ⁻)
base	A chemical bond formed between two atoms by the sharing of electrons
hydrogen bond	Weak chemical bond when a hydrogen atom is shared by two adjacent molecules

There are no items that require teacher grading.

N/A / 4 Points
N/A %
N/A Grade

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SOS Teacher - [Assignment] - Nadine

Section 1

Example:
Graph the function $f(x) = 2x + 5$.

Solution:

- Choose a value for x .
Let $x = 1$
- Substitute 1 in for x .
 $f(x) = 2(1) + 5$
- Simplify to find the value of y .
 $f(x) = 2 + 5$
 $f(x) = 7$
- Check.
 $7 \stackrel{?}{=} 2(1) + 5$
 $7 \stackrel{?}{=} 2 + 5$
 $7 = 7$ (True)
An ordered pair is (1, 7).

Stretch

One must consider the domain of a function when graphing. Are there any values of x that are not allowed? In this lesson we only graph functions whose domain is all real numbers. Some functions, like $f(x) = 1/x$, however have restricted domains. Can you tell what value of x could not be used to graph this function?

Problem 2 3 4 5 6 7 8 9 10

Select all of the following that are ordered pairs of the given function.

$f(x) = 3 - 2x$

There are no items that require teacher grading.

N/A / 5 Points
N/A %
N/A Grade

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SOS Teacher - [Assignment] - Twyla

Section 1

Using the knowledge that parallel incident rays reflect through the focal point and that light incident through the focal point reflects as parallel rays, we are ready to locate images of objects placed in front of a concave mirror. One other ray can also be used: a ray from the object to the center of the mirror

In the picture, the object is a light bulb and its image appears inverted. Line A is a ray parallel to the axis that reflects through the focus, and line B is a ray of light through the focus emerging parallel to the axis. These

Problem 2 3 4 5 6 7 8 9 10 11-11

diverging mirror	a ray that is incident parallel to the optic axis whose reflected ray passes through the focal point
focal ray	a ray incident through the center of curvature reflected back through the center of curvature
vertex	an image that cannot be projected on a screen because it is formed by rays that do not converge

Teacher Only

There are no items that require teacher grading.

N/A / 13 Points
N/A %
N/A Grade

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