



apologia educational
ministries, inc.™

LEARN, LIVE, & DEFEND THE FAITH



2011
CATALOG

apologia

Table of Contents

“Building on the Solid Rock” by Davis Carman.....	4
Apologia Speakers Team.....	6

Live Events

“Before the Throne” by Rachael Carman.....	8
Apologia Live 2009 and 2010 CDs and DVDs.....	10

Books and Resources

“Lessons from the Rock” by Zan Tyler.....	12
7 Tools for Cultivating Your Child’s Potential.....	14
Read for the Heart.....	14
How to Have a HEART for Your Kids.....	15
SoundBites from Heaven.....	15
The Ultimate Guide to Homeschooling.....	16
The Ultimate Guide to Homeschooling Teens.....	16
The Ultimate Homeschool Planner.....	17
The Ultimate Weekly Planner for Teens.....	17
The Ultimate Daily Planner for Students.....	17
Educating the WholeHearted Child.....	18
Seasons of a Mother’s Heart.....	18
Good Morning, God.....	19
Good Morning, God Coloring Book.....	19
Jump In: A Workbook for Reluctant and Eager Writers.....	20
Around the World in 180 Days.....	20
Beyond Survival: A Guide to Abundant-Life Homeschooling.....	21
Reaping the Harvest: The Bounty of Abundant-Life Homeschooling.....	21

Worldview Curriculum

What We Believe Biblical Worldview Series.....	24
Who Is God? (And Can I Really Know Him?).....	25
Who Am I? (And What Am I Doing Here?).....	26
Who Is My Brother? (And Why Do We Need Each Other?).....	27
I Don’t Have Enough Faith to Be an Atheist.....	28

Science Curriculum

“Looking Under the Sea to Fathom God’s Creation” by Sherri Seligson.....	30
Young Explorer Series: Exploring Creation with Astronomy.....	32
Young Explorer Series: Exploring Creation with Botany.....	33
Young Explorer Series: Exploring Creation with Zoology 1.....	34
Young Explorer Series: Exploring Creation with Zoology 2.....	35
Young Explorer Series: Exploring Creation with Zoology 3.....	36
Young Explorer Series: Exploring Creation with Human Anatomy.....	37
Apologia Lab Coats.....	38
Young Explorer Series: Notebooking Journals.....	39
Exploring Creation with General Science.....	40
Exploring Creation with Physical Science.....	41
Exploring Creation with Biology.....	42-43
Exploring Creation with Chemistry.....	44-45
Exploring Creation with Chemistry Video Instruction DVD.....	46
Exploring Creation with Physics.....	47
Exploring Creation with Marine Biology.....	48-49
Advanced Biology: The Human Body.....	50-51
Advanced Chemistry in Creation.....	52
Advanced Physics in Creation.....	53
Apologia Science on CD-ROM and Audio.....	54-55
High School Science Course Sequencing.....	55
Frequently Asked Questions.....	58

Online Courses

“Building a Strong Foundation” by Larry Blythe.....	60-61
Online Science Classes.....	62-63
Online Bible, Worldview & Apologetics Classes.....	64-65
Academy Instructors.....	66-67
Apologia Academy Price Schedule.....	68

Missions and Scholarships

“Building the Kingdom” by Kyle McManamy.....	70
“My First Mission Trip to China” by Savannah Anne Carman.....	71
Product & Price Index.....	72
Ordering, Shipping & Return Policies.....	73
Order Form.....	74
“Building Together” by Hal Young.....	75

Building on the Solid Rock

A Letter from the President of Apologia

Castles have many distinctive features, many of them security or defense related. You're probably familiar with moats, for example. A moat is a deep trench surrounding the castle and is usually filled with water to provide a natural barrier against would-be invaders. Another recognizable feature of many castles is the turret, a tower rising above the castle that was used by the castle guards as a lookout and as a defensive position from which they could fire upon enemies.

A European innovation, the earliest castles were built from earth and timber. But as designs and building techniques improved around the tenth century, fortifications were made primarily from stone. Some of these breathtaking structures have lasted a thousand years! The finest and most enduring castles took as many as three generations to construct. In other words, if my neighbors and I started building one today using the same methods, our grandchildren would finish the job after we were dead and buried in the cemetery next door.

Perhaps you haven't thought of it in this way, but you are building a castle right now—a *homeschool* castle. Will your castle be sturdy enough to last a thousand years? Will it still be beautiful to behold after many generations? Will your grandkids stay the course and finish the job after you are gone?

Nothing worth doing can be fully understood today in the context of history; therefore, we must live by faith. Nothing worth doing can be completed in our lifetime; therefore, we must live by hope. And nothing worth doing can be done by ourselves; therefore, we must live by love. I would encourage you to persevere, to keep working on your homeschool family castle. Your children and yet-to-be-born grandchildren will be blessed by the fruit of your labors.

How Long Will Your Castle Last?

The thought of building a home school that lasts beyond your lifetime may seem daunting. After all, when you first set out on your homeschool journey you may have been thinking, *Let's plan on doing this for just the one year, then we'll see how it goes.* Even if you've stuck with it for five or more years, you've likely experienced seasons of weariness when the very thought of another year of homeschooling caused panic attacks.

How long does the typical home school last? Since 1999, statistics have been collected on this subject in my home state of North Carolina. The information, found at www.ncdnpe.org, reveals a definite pattern for homeschool longevity. According to the data, roughly 20 percent of home schools "close" after the first year. Another 20 percent cease to exist by year three, and another 20 percent end their run after seven years.

The statistics don't reveal the reasons why people stop homeschooling. Perhaps all their kids have graduated. Maybe they moved out of the state. Then again, it could be the family chose to abandon the lofty dream and hard work of building a homeschool castle.

Defense Against Enemy Attacks

On March 6, 2010, the Associated Press released an article entitled "Top Home-School Texts Dismiss Darwin, Evolution," in which some homeschooling families were quoted as taking issue with the creation-based science texts of various publishers, including Apologia Educational Ministries.

At Apologia we are not shy about our stand to provide curriculum that teaches science from a creation-based perspective. However, we don't dismiss or avoid discussion of evolutionary theory. Rather, we welcome the debate. Our textbooks provide scientific evidence and biblical reasons as to why we disagree with the Darwinian explanation of man's origin so that students who take our courses will be prepared to discuss the topic intelligently and sensibly.





The AP story was certainly about the creation-versus-evolution controversy, but it was also about educational freedom. Are the critics of homeschooling really interested in making sure we teach our children the Darwinian notion that single-celled organisms evolved into more complex life forms over millions of years? Or do they want to make sure we remove the whole concept of God and His creation from our homes?

God was successfully removed from the public schools half a century ago, and critics see no reason why He should not be removed from home schools as well. This battle is for the hearts and minds of our children. This is a fight we, as parents and by God's grace, must win.

Will we remain faithful to diligently train them to know and love God with all their heart, mind, body, and soul? Are you boldly teaching your children that God exists, Jesus saves, and the Bible is the reliable, inerrant, and inspired Word of God? Studies show that a very high percentage of homeschooled children retain the faith of their parents, a legacy distasteful to the opponents of Christian homeschooling.

I want to encourage you and your family to rededicate yourselves in the coming year to stand strong in the mission to learn, live, and defend the Christian faith. Together, we are fighting for the freedom to home educate, to teach creation-based science, and to approach all academic subjects from a biblical, Christ-centered worldview. The journey may be difficult at times, but the destination—a legacy of faith in which generations live out God's design for the family—can be the best apologia, or defense, of the Christian faith the world has seen or heard.

Building on the Rock

Your educational choice is about whose knowledge, understanding, and wisdom will be imparted in your home. According to God's Word, knowledge, understanding, and wisdom begin with the fear of the Lord (Proverbs 1:7, 9:10; Psalm 111:10). God is sovereign and mighty, holy and awesome, and He is to be feared with a healthy respect. If your children are studying theology, philosophy, or worldviews, they need to fear God. If they are studying general science, physical science, chemistry, biology, or physics, they need to fear the one true God who created it all. A Christ-centered, biblically sound approach to learning science, math, history, literature, language arts, or any subject is vital if you are to provide your children with an excellent education and a firm foundation of faith.

I pray that your family will look to Deuteronomy 6:4–7 and that you will teach your children to love God with all their heart, soul, mind, and strength. I trust that your example will inspire other parents to diligently teach their children the ways of God in the daily course of family life—as they sit, as they walk along the way, as they rise up, and as they lie down. Is this not a beautiful picture of family life?

Finally, I encourage you to make the knowledge of Jesus Christ and the truth found in His Word the foundation of your homeschool castle. Together with you, I am standing strong on the solid rock of Christ and enjoying the homeschool adventure of a lifetime.

Davis Carman
President/Owner
Apologia Educational Ministries



Apologia Speakers Team

Apologia Educational Ministries offers several outstanding presenters available to speak at your next support group meeting or homeschool convention. Our speakers are knowledgeable, experienced, and come highly recommended for their keynote addresses, motivational talks, and seminars on the nuts and bolts of home education. The 2011 Apologia speaker team includes:

Davis Carman
see p. 19

Rachael Carman
see p. 15

Zan Tyler
see p. 13

Joe Tyler
see p. 49

Debra Bell
see p. 16

Jeannie Fulbright
see p. 39

Sherri Seligson
see p. 49

Larry Blythe
see p. 66

If you are interested in booking an Apologia speaker for your event, please contact us at 1-888-524-4724 or e-mail us at liz@apologia.com.



Live
Events



BEFORE THE THRONE

A RETREAT FOR HOMESCHOOL MOMS

BALTIMORE, MD
MARCH 11-12, 2011

ATLANTA, GA
MARCH 25-26, 2011

by **Rachael
Carman**

Many years ago I attended a Women of Faith conference in Charlotte, NC. I went with a group of women from church. The program was wonderful, but sitting in the audience as a homeschool mom, my heart was longing for something more—something deeper, a program that addressed the challenges I faced every day.

Later, as an author and speaker, I was invited to talk to many women's groups. Occasionally, a fellow speaker at one of these events would espouse the joys of shopping, lunching, or decorating with friends while the kids are away at school. Some even made light of the homeschooling lifestyle. Of course, there's nothing wrong with shopping, meeting friends for lunch, or decorating as long as these things do not take precedence over our relationships with our kids or their relationships with their Maker.

Because being a homeschool mom is so much a part of who I am, I felt deeply the need to provide a supportive, constructive time of refreshment for other homeschool moms. And so the idea for Apologia Live was born.

Apologia Live retreats are designed to affirm, encourage, challenge, and inspire you as a homeschooling mother as we come together to study the Word and celebrate our homeschool journey. Whatever challenges and opportunities you're facing at home, you will find you're not alone. At Apologia Live events, you will hear helpful messages from experienced homeschool moms whose shared hearts' desire is to see you persevere in your journey and finish well. We want to support you in any way we can. Our prayer is that as we share stories of God's goodness and grace in our own journeys, you will be encouraged and strengthened to stand firm, be on guard, and fight the good fight.

During our weekend together, six different speakers will each share a challenging message, trusting the Holy Spirit to work in the hearts of all who are listening, whether they are attending in person or watching online. During the panel discussion, those in attendance will have the opportunity to ask the speakers questions. Our worship time is led by Anne McCallum, who sets a peaceful and Christ-centered tone as we begin and end our times of study. Also, times of fellowship are placed throughout the schedule so that we can get to know you better.

Finally, a time of prayer is set aside to give you focused, uninterrupted time at the foot of the throne. Such times can be so difficult to find at home, so why not take the time when we are together? We believe prayer is a vital part of the Apologia Live schedule, but



please do not feel any pressure. No one is asked to pray aloud, and you may choose to pray individually or with someone, if you desire. Our speakers are also available to pray with you during the weekend and even afterwards via e-mail. I have found these times of prayer to be truly blessed and surprisingly unique among spiritual retreats.

Do you or someone you know need a lift or a word of encouragement? Could you use a little affirmation, some inspiration, or maybe even a challenge? Would you like some time to recharge your spiritual batteries so that you can minister to your husband and your kids with the joy and selflessness that God intends? We would love to have you join us March 11 and 12 in Baltimore for Apologia Live's "Before the Throne" retreat, or come to Atlanta the weekend of March 25-26.

And plan now to join us in October 2011 or March 2012 for our "Celebrate the Journey" retreat, to be held in four different locations, including Atlanta, Austin, Baltimore, and Chicago. We hope to meet you soon at Apologia Live!



Rachael Carman
author of
*How to Have a HEART for
Your Kids*



Zan Tyler
author of
*7 Tools for Cultivating
Your Child's Potential*



Elizabeth Smith
HSLDA and the Home
School Foundation



Debra Bell
author of
*The Ultimate Guide to
Homeschooling Teens*



Sherri Seligson
author of
*Exploring Creation with
Marine Biology*



Jeannie Fulbright
author of
the Young Explorer Series

Celebrate the Journey

CHICAGO, IL OCT. 7-8, 2011
AUSTIN, TX OCT. 21-22, 2011
BALTIMORE, MD MAR. 9-10, 2012
ATLANTA, GA MAR. 23-24, 2012



SPECIAL GUEST
PAM TEBOW
IN ATLANTA 2012

Pam Tebow, mother of Heisman Trophy winner Tim Tebow, will join us for our March 2012 conference. Pam and Bob are homeschool pioneers who began teaching their children at home in 1982 and homeschooled all five from kindergarten through high school. Pam speaks nationwide and is passionate about encouraging women to trust the Lord with all their hearts for all their lives.

Register online at
www.apologia.com/live
\$105 per person
Group discounts available!



APOLOGIA LIVE ON CD AND DVD



CDs:

- “Standing Strong When I Am Weak” by Sherri Seligson
- “Standing Strong with High Schoolers” by Debra Bell
- “Standing Strong in Your Marriage” by Jeannie Fulbright
- “Standing Strong Because God Is for Us” by Zan Tyler
- “Standing Strong in Prayer” by Elizabeth Smith
- “Standing Strong for His Glory” by Rachael Carman

Individual CDs: \$8

Complete Set: \$35 (includes case)

DVDs:

- “Standing Strong When I Am Weak” by Sherri Seligson
- “Standing Strong with High Schoolers” by Debra Bell
- “Standing Strong in Your Marriage” by Jeannie Fulbright
- “Standing Strong Because God Is for Us” by Zan Tyler
- “Standing Strong in Prayer” by Elizabeth Smith
- “Standing Strong for His Glory” by Rachael Carman

Individual DVDs: \$12

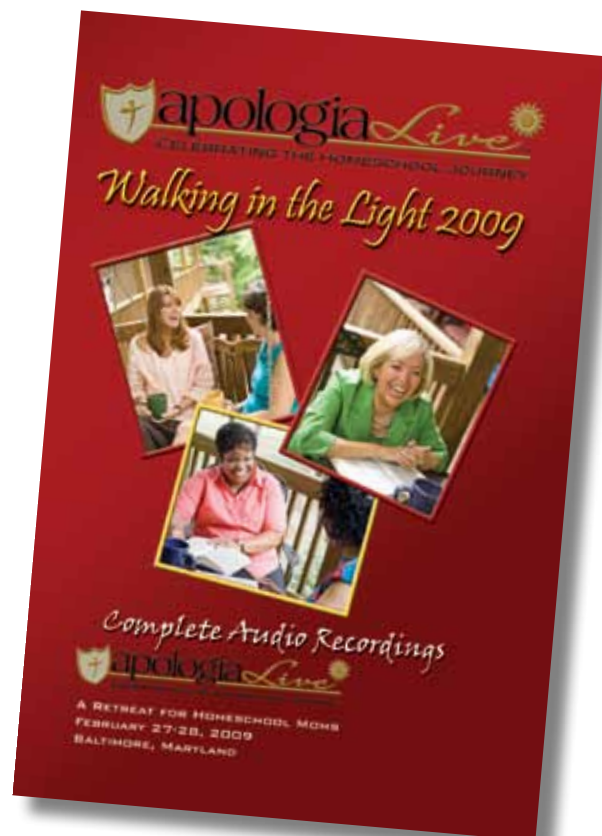
Complete Set: \$55 (includes case)

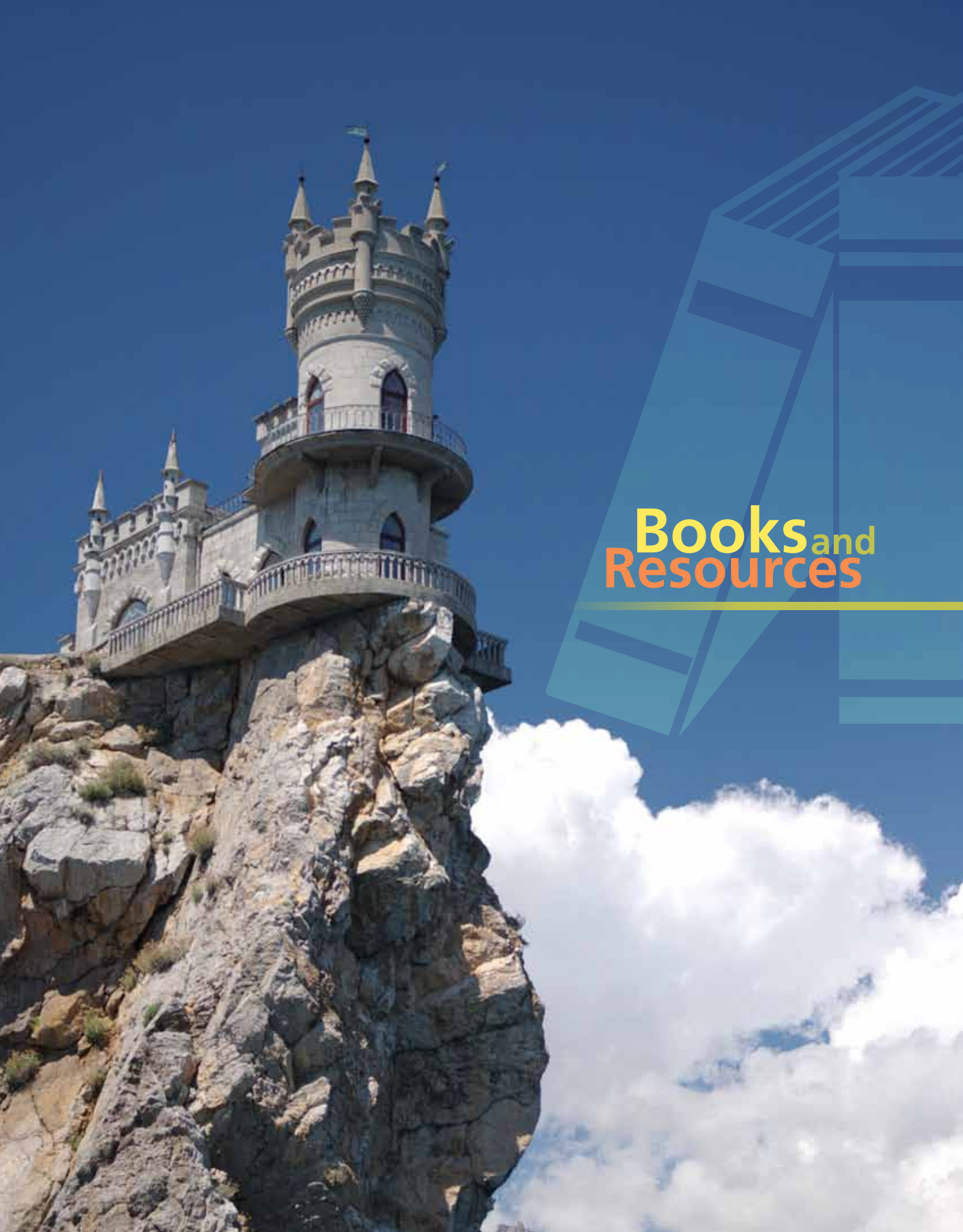
CDs:

- “Walking in the Light of God’s Grace” by Debra Bell
- “Walking in the Light of God’s Joy” by Sally Clarkson
- “Walking in the Light of God’s Wisdom” by Elizabeth Smith
- “Walking in the Light of God’s Word” by Zan Tyler
- “Walking in the Light of God’s Plan Every Day” by Rachael Carman

Individual CDs: \$8

Complete Set: \$35 (includes case)





Books and
Resources



Lessons from the Rock

“I can’t homeschool anymore. I’m just too overwhelmed by it all. I quit,” she said.

My heart went out to this young mom as we talked in a quiet corner of the bustling convention center in Portland, Oregon. “You homeschooled for twenty-one years. Did you ever want to quit?” she asked. “Why didn’t you? Why in the world are you still speaking on homeschooling now that your kids are grown?”

I prayed fervently, silently, and quickly for the Lord to give me powerful words of encouragement for this battle-worn mother. “Of course I wanted to quit,” I replied. “Many, many times. But I couldn’t because the stakes were too high. As Christian homeschooling moms, we are not just teachers. We are first and foremost kingdom builders. Joe and I wanted our kids to have a great education. But more than that we wanted them to know Christ—to walk with Him, seek Him, love Him, and serve Him.”

“But how can *moms* be kingdom builders?” she asked.

Our conversation ended when I had to run to

my next session, but it continues to commandeer my thoughts and prayers to this day.

After the conference ended, Joe and I took two days to visit Oregon’s spectacular coastline. As we walked together one day, we were revived and rejuvenated with that inexplicable strength that comes when we witness God’s majesty in His creation. We marveled at the breathtaking views of the rugged cliffs on our left and the enormous black monoliths jutting out of the ocean on our right. Surrounded by these imposing edifices, the words of the psalmist rang in my heart: “From the end of the earth will I cry to You, when my heart is overwhelmed and fainting; lead me to the rock that is higher than I” (Psalm 61:2). *Oh Lord, I prayed, you are our Rock, and you alone are the answer when we are overwhelmed by the assignment you have given us to teach and train our children.*

I became lost in thought and prayer as we followed the bend in the shoreline. Suddenly, we found ourselves staring up at Haystack Rock, a 235-foot-tall stone that dwarfed all others on the beach. Upon closer observation we realized that this





massive rock served as a refuge and shelter to throngs of birds and a host of sea life. Again, the words of the psalmist resonated within me: “Be to me a rock of refuge in which to dwell, and a sheltering stronghold to which I may continually resort, which You have appointed to save me, for You are my Rock and my Fortress” (Psalm 71:3). *Oh Lord, I prayed, continue to be a shelter and refuge for parents who are seeking to serve you by teaching their children at home.*

As the sun began to set, the temperature plummeted—not into the low 80s that I was accustomed to in Carolina, but into the low 40s. We turned around and hurried back toward our hotel. That is when I noticed that the house on the cliff was actually built into the rock. *That house isn’t going anywhere*, I thought.

What a powerful illustration of Luke 6:47-48: “Everyone who comes to Me and hears My words and acts on them, I will show you whom he is like: he is like a man building a house, who dug deep and laid a foundation on the rock; and when a flood occurred, the torrent burst against that house and could not shake it, because it had been well built.”

The one absolutely essential trait that all Christian homes should have in common is that the people who live within have “dug deep” and laid their foundation on the Rock. Our lives, our children’s faith, and their educations must be built on the Rock if we want them to survive the storms in this life and last for eternity.

But how do we do this? The founders of Harvard explained it this way in their Rules and Precepts written in 1646:

Let every student be plainly instructed, and earnestly pressed to consider well, the main end of his life and studies is to know God and Jesus Christ which is eternal life (John 17:3) and therefore lay Christ at the bottom, as the only foundation of all sound knowledge and learning.

In other words, everything we do and everything we teach—science, math, literature, home economics, everything—must be based on God’s Word. At the very core of our homeschooling, we need to commit ourselves to Christ’s admonition in Luke to come to Him, to study His Word, and to act on what we learn. Then we must teach our children to do the same.

At Apologia, our commitment, the driving force behind all we do, is to aid you in this quest. Every resource we publish—from our science texts to our worldview curriculum to our “how to” books—are built on the unshakable foundation of God’s Word.

We know from Luke that our work as homeschooling parents will often be arduous and sometimes overwhelming, because the wise man who built on the rock had to dig deep. But we can take joy in knowing that as we labor in our homes for Christ’s sake, we will be building God’s kingdom one child at a time.

Zan Tyler

Zan Tyler is the director of Apologia Press. A longtime speaker, writer, and homeschooling advocate, Zan derives deep joy from speaking to and encouraging homeschooling parents across the country and around the globe.

After prolonged legal battles for the rights of her family and homeschoolers in her state, Zan founded the South Carolina Association of Independent Home Schools in 1990 and served as its president for ten years. She has been honored as the South Carolina Homemaker of the Year, and in 1998 the governor awarded her the Order of the Palmetto, the highest South Carolina honor a civilian can receive. More recently, Zan has served as the National Grassroots Director for ParentalRights.org. She is also a popular columnist, and her articles appear in a variety of online and print publications including HSLDA’s *Court Report*.

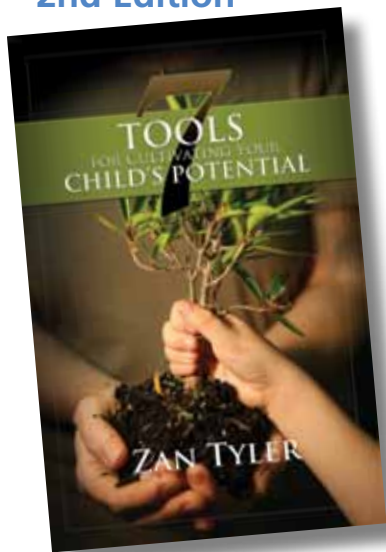
Zan and her husband, Joe, homeschooled their three children from kindergarten through high school. All three attended college on a variety of scholarships. The Tylers have been blessed with two wonderful daughters-in-law and four grandchildren.



See Zan’s book at the top of page 14.



7 TOOLS FOR CULTIVATING YOUR CHILD'S POTENTIAL 2nd Edition

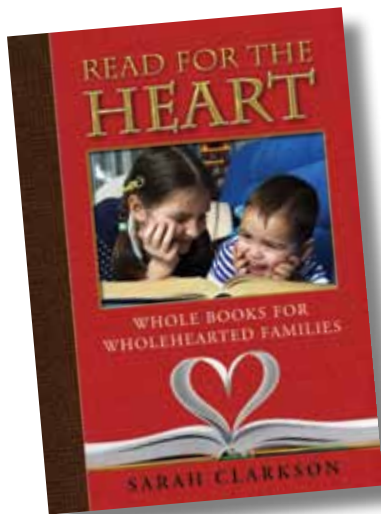


When you look at your children, do you see only little people making demands of your time? Or do you see what God sees—a landscape of limitless possibilities? Author and homeschool advocate Zan Tyler wants to take you beyond the here and now to embrace a wondrous, life-giving vision for your children's future. With this amazing book, you will learn to recognize the signs of potential in your children, signs that are easy to miss yet ripe for cultivation. You will begin to see every facet of each child's life through the eyes of faith and the lens of Scripture, creating a vision of hope and beauty. You will grow closer to the Master Gardener as you learn to use the tools He has given you for tending your family "garden." Let Zan show you how to help your kids establish a godly identity, discover their purpose, develop a biblical worldview, and build leadership and communication skills. You will come away with a vision of child-raising so captivating and enthralling that you will know, come bedtime, it's all been well worth the effort.

Author: Zan Tyler
Format: Paperback
\$15

"If you only read one homeschooling book this year, make it this one."
Christine Field
Author of *Help for the Harried Homeschooler*

READ FOR THE HEART Whole Books for WholeHearted Families



A great book spurs the imagination in childhood, inspires our dreams in adulthood, and nourishes the soul with depictions of life fully and courageously lived. Among the greatest gifts you can bequeath to a child are a love for reading and a passion for books. But how do you sort through the many thousands of books available to your children to find those that are worthwhile? Apologia has the answer. Keeping *Read for the Heart* close at hand is like having a children's librarian for a best friend! Let Sarah Clarkson be your guide to the best in children's literature for your family. From timeless classics to modern favorites, from picture books to adventure novels to read-aloud favorites, more than 1,000 wonderful stories for young people are recommended within these pages. Now you can make great literature a lasting part of your child's life and education.

Author: Sarah Clarkson
Format: Paperback
\$17

"Sarah Clarkson is a wonderful example of what can happen when you raise a child on whole, living books. Not only does she love to read, but she beautifully conveys this passion through her writing."
Tina Farewell
Founder, Lifetime Books & Gifts



Sarah Clarkson

Sarah Clarkson grew up in a family committed to discipleship and personal ministry and began a personal walk with God at the age of sixteen. She is passionate about passing on the great ideas of literature and Scripture through writing and discipleship. Currently a freelance writer and editor, Sarah has spent the last few years working with Whole Heart Ministries at their conferences, speaking in the United States and overseas on such topics as beauty, literature, and loneliness. She has also served as a writer and editor for Whole Heart Press publishing projects and Whole Heart blogs. She is a passionate lover of literature and has conducted an intense study of children's literature that has resulted in *Read for the Heart*, a guide to the best children's stories. When she isn't traveling to exotic places, reading fascinating books, or sharing coffee and ideas with friends, she can be found at home in the beautiful foothills of Colorado.



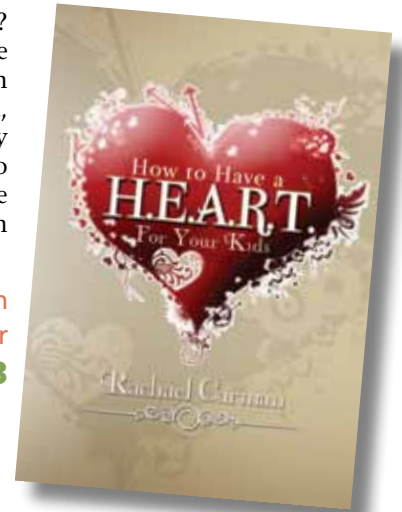
NEW! HOW TO HAVE A H.E.A.R.T. FOR YOUR KIDS

How well do you really know your children? Sure, you love them, but do you even like them? What has God shown you about who they are and who they will become? He has sent these children into your home at this specific time for His glorious purposes. Thus you have been invited on the adventure of a lifetime, a journey on which you will see walls fall, seas parted, and giants slain. You don't need special skills or training for this journey—you need only to seek God and hold tightly to His mighty hand! As with so many things, the first step to having a heart for your children is knowing your heavenly Father. As you seek daily to share His heart with your kids, keep this inspirational book close at hand. In it, Rachael Carman uses the word HEART to help you remember and focus on what really matters.

Author: Rachael Carman

Format: Hardcover

\$13



"Rachael's story inspires me and resonates with my own. Read this book and be greatly encouraged!"

Tracy Klicka

SOUNDBITES FROM HEAVEN

What God Wants Us to Hear When We Talk to Our Kids

"I remember the day you were born."

"Turn down the music!"

"This is going to hurt me more than it's going to hurt you."

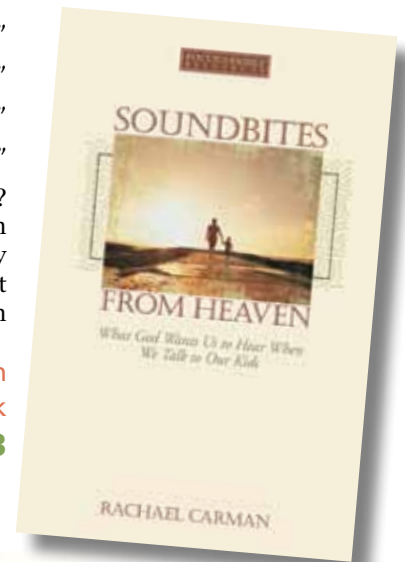
"Hold my hand."

You've probably said these things to your kids, but have you listened to what you're saying? In fact, your heavenly Father wants to tell you many of these same things. Rachael Carman knows how noisy it can be when you're raising children—she has seven! But this lovely devotional book will help you to hear God's still, small voice amid the chaos of carpools, cut fingers, and carpet crawlers. You'll learn how to recognize God's instructions for you, even as you seek to follow His example as a parent.

Author: Rachael Carman

Format: Paperback

\$13



Rachael Carman is an author and speaker for Apologia Educational Ministries. The wife of twenty-five years to Davis, and the mother of seven children ranging in age from seven to twenty, Rachael challenges parents to live by reckless, obedient faith. As a direct reflection of her heart's desire to encourage, inspire, and celebrate motherhood, Rachael led the first Real Refreshment Retreat in 2003. Now through the annual Apologia Live retreats for homeschool moms, it is her hope to expand on that ministry by offering a weekend that will energize and invigorate homeschooling mothers with meaningful worship and speakers plus practical encouragement for the homeschool journey. In 2005, she wrote *SoundBites from Heaven*, a resource from Focus on the Family and now available through Apologia Press. This year, Apologia is pleased to introduce her new book, *How to Have a HEART For Your Kids*.

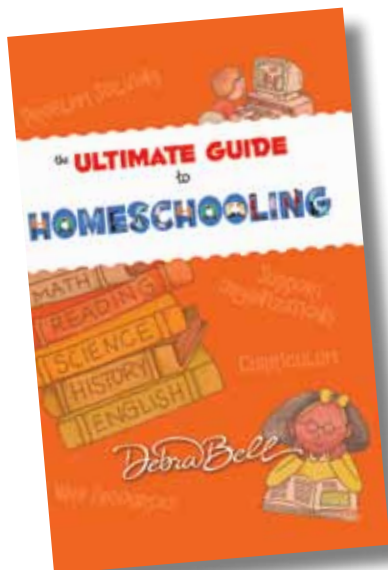
Rachael Carman





THE ULTIMATE GUIDE TO HOMESCHOOLING

Updated and Expanded



Debra Bell's best-selling manual has been revised and updated for a new generation of home educators! This indispensable resource belongs on the shelf of every family taking part in home-based learning. Inside you will find:

- Six ingredients of a successful homeschool
- Subject-by-subject guidelines and program recommendations
- Keys to unlocking your child's learning potential
- Ten ways to motivate the reluctant learner
- Creative solutions for burnout, budgeting, and managing your time

This new edition includes a guide to using the Internet and new technology in your homeschooling. You will also get the latest information on teaching middle school and high school courses, including a list of academic contests and competitions. Tips on multilevel teaching and engaging toddlers and a resource guide with up-to-date contact information round out this amazing tool!

Author: Debra Bell
Format: Paperback
\$20

"One of the most useful and readable books on homeschooling."
Cathy Duffy
Author, 100 Top Picks for Homeschool Curriculum

THE ULTIMATE GUIDE TO HOMESCHOOLING TEENS



Debra Bell has helped numerous homeschooled students, including four of her own, gain college admission and win substantial scholarships to the schools of their choice. Now she can help you and your child navigate high school at home and successfully transition to the college and adult years. Inside this incredible resource, you will find:

- Tools for developing critical and creative thinking skills
- Study-smart strategies for maximized learning
- What to do if your child is behind or ahead
- How to help your teen discern his gifts and calling
- How to prepare your child for high school during grades 6–8

Here are all the forms, charts, and resources you will need to teach your child through high school, as well as a guide to taking advantage of new media and the best online learning opportunities. Learn what college admissions officers say they look for in a prospective student and how you can help your teen apply for and receive merit-based scholarships and maximum financial aid. There's also a bonus section on making the most of the college years.

Author: Debra Bell
Format: Paperback
\$20

"Written with wit and wisdom. Every homeschool family will find helpful resources, suggestions and tips to enhance your high school program."
Becky Cooke and Diane Kummer
HSLDA High School Coordinators



Debra Bell

Debra Bell is a best-selling author and former public-school teacher who homeschooled her four children from elementary school through high school. She served in leadership for two homeschool co-ops for more than a decade and has taught literature and composition classes for more than twenty years. She teaches Advanced Placement English online through PA Homeschoolers and directs Debra Bell's Home School Resource Center. A popular convention speaker known for her wit, warmth, and candor, Debra is currently a doctoral student in Educational Psychology at Temple University. Debra blogs regularly about her research and 21st Century homeschooling at debrabell.com.



Debra Bell

Ultimate Planners

AVAILABLE
SPRING

The author of *The Ultimate Guide to Homeschooling* has helped thousands of families organize their curriculum and activities through her best-selling books. Now Debra Bell has developed a series of gorgeous day planners tailored to meet the specific needs of homeschooling parents and their students.

THE ULTIMATE HOMESCHOOL PLANNER

Parents can count their blessings while charting their family's progress with this attractive 48-week planner designed to help moms document God's faithfulness and activity during their homeschool journey.

Author: Debra Bell
Format: Spiral bound
\$24



THE ULTIMATE WEEKLY PLANNER FOR TEENS

Homeschool teens can track their progress and count down the credit hours to graduation with this outstanding planner. Includes helpful tips, SAT word builders, and extensive study aids to keep teens engaged and growing in responsibility.

Author: Debra Bell
Format: Spiral bound
\$19



THE ULTIMATE DAILY PLANNER FOR STUDENTS

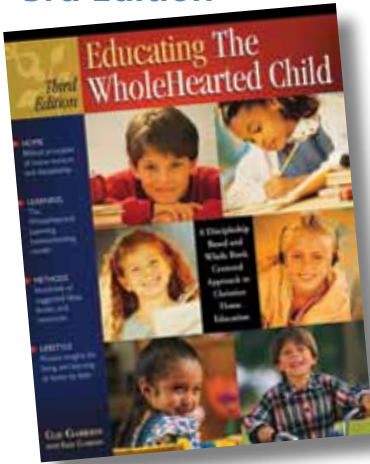
A great gift to start younger students on the road to academic independence! Students meet with Mom weekly to record their daily assignments and mark their progress. Helpful tips, extensive study aids and engaging trivia give this planner true kid appeal.

Author: Debra Bell
Format: Spiral bound
\$14



EDUCATING THE WHOLEHEARTED CHILD 3rd Edition

AVAILABLE
SPRING



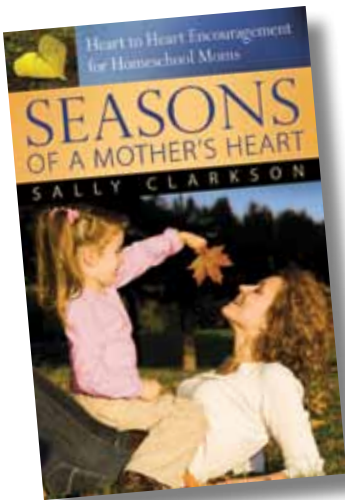
God did not forget to include “school” in his biblical design for raising children—home education is a natural expression of all that God intended for parents and their children. Clay and Sally Clarkson’s *Educating the WholeHearted Child* is about rediscovering God’s original design for the family. What you’ll find in this book is a homeschooling model that makes sense. It’s an approach that is based on sound biblical principles of nurture, discipleship, instruction, and learning. Newly revised and significantly expanded, *Educating the WholeHearted Child* is about much more than homeschooling; it is about life. Effective Christian homeschooling must begin with the sure foundation of a Christian home, and the Clarksons’ uncomplicated, common-sense approach to life and learning will provide you with the tools you need to experience God’s abundant blessings for your family.

Author: Clay & Sally Clarkson

Format: Paperback

\$22

SEASONS OF A MOTHER’S HEART 2nd Edition



Your life as a mom is a whirlwind of changing seasons that can just as easily exhaust as exhilarate you. Sit down, take a few moments, and allow yourself to be refreshed and encouraged by a few stories, insights, and lessons from a friend. Sally Clarkson opens her heart within the pages of this timeless classic, sharing what she has learned as a homeschooling wife and mother—about herself, her children, and her Lord. Revised and expanded for today’s moms, *Seasons of a Mother’s Heart* includes four all-new “ten years later” essays by Sally, one for each season of a family’s life, from the renewal of spring and the response of summer to the resolve of fall and the reflection of winter. So step in out of the whirlwind, pour a cup of tea, and take a deep breath of the Spirit with Sally.

Author: Sally Clarkson

Format: Paperback

\$14

“Sally warmly invites us to savor the experience of mothering, while constantly showing how it is only possible as the children of our heavenly Father. Refreshing, relational, real. I couldn’t put it down!”

Diana Waring

Author of *Beyond Survival*
and *Reaping the Harvest*

Clay and Sally Clarkson



Sally and Clay Clarkson began their homeschooling journey in 1984 with the birth of their first child, Sarah, and will soon graduate the youngest of their four children. Since 1994, the Clarksons have ministered to families across the United States and overseas through Whole Heart Ministries, speaking to churches, organizations, and groups that share their heart for strengthening families to follow God with their whole hearts and minds.

Through her writing and speaking ministries, God has used Sally to bring encouragement and inspiration to thousands of mothers who desire to follow God’s biblical design for their lives. She is the author of several books, including *The Mission of Motherhood* and *Dancing With My Father*. Sally also blogs at ITakeJoy.com and directs Mom Heart Ministry.

As a seminary-trained Bible teacher, Clay’s speaking ministry is characterized by sound biblical exposition and the practical application of biblical truth to daily life. He has a heart for discipleship and training and for giving parents a clear biblical vision for their lives and for their children’s lives.

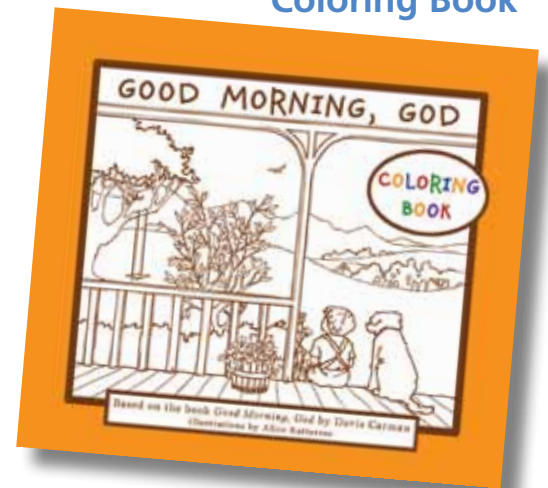


Good Morning, God

This delightful children's book will introduce your little ones to the simple and wonderful ways they can worship God daily. Deuteronomy 6:6-7 tells us to impress His commands on our children's hearts and talk about them when we sit at home, when we walk along the road, when we lie down, and when we get up. *Good Morning, God* is a great discipleship tool to help your family do just that. Discussion questions, daily prayers, and activities are included to inspire thoughtfulness and encourage family conversation. Lovingly written and beautifully illustrated, *Good Morning, God* will help your kids fall in love with their heavenly Father by showing them how He can be the focus of everything they do from sunrise to sunset.



Good Morning, God Coloring Book



"A beautiful addition to any bookshelf in a Christian home and one that will be treasured over and over."

Parent

Author: Davis Carman
Illustrator: Alice Ratterree
Format: Hardcover
\$14

"This little book isn't any ordinary book. It's a full week's curriculum wrapped beautifully between two covers."

Parent

Featuring thirty-two illustrations by artist Alice Ratterree, this companion to *Good Morning, God* is a fun way for kids to think about their Father in heaven all day long.

Author: Davis Carman
Illustrator: Alice Ratterree
Format: Softcover
\$4

Davis Carman is passionate about being a husband and father. He and the wife of his youth, Rachael, celebrate their 25th anniversary this year. They live in Waxhaw, North Carolina (south of Charlotte), where they are raising their seven children. The kids range in age from 7 to 20 years old with two boys on one end, two boys on the other, and three girls tucked safely in the middle. The Carman family has been enjoying the adventures of the homeschool lifestyle since 1996 when God "got their attention." With gratefulness to God for all He has provided during 15 years of homeschooling, Davis and Rachael's first-born son graduated in 2009 and is continuing his education with the aid of scholarships. Their second-born son is on track to graduate this year.

Since 2002, Davis has served on the board of North Carolinians for Home Education (NCHE), currently fulfilling the responsibilities of administrative vice president. He is also the North Carolina Ambassador for The Home School Foundation, a ministry dedicated to helping homeschool families in need. Davis is active in his local church, having served in various capacities including AWANA Commander, Sunday school teacher, deacon, and elder.

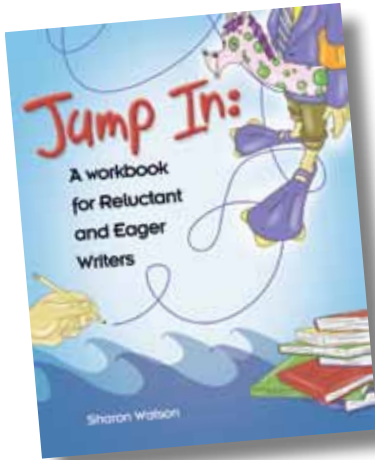
Davis holds degrees in mechanical engineering from Vanderbilt University and Purdue University. He spent ten years in research and development in the aerospace and automotive industries, followed by ten years as general manager of a growing plastics manufacturing company. Davis is now a work-at-home homeschool dad and the president of Apologia.

Davis Carman





JUMP IN: A Workbook for Reluctant and Eager Writers



“Writing may send warm shivers of pleasure up your spine. Or it may make you feel as though you are drowning in an angry, choppy, icy sea with nothing in sight but hungry, toothy sharks and storm clouds spitting out hail stones as big as golf balls.” So begins this wonderful composition course by author Sharon Watson. Intended as a course for students in grades 5–8, *Jump In* can also be used by high school students who have had little practice in writing or who are reluctant writers.

Jump In overcomes the reluctant student’s fear of writing with a friendly, approachable style; short, workable exercises; and non-threatening word counts for longer assignments. Students will learn how to write persuasive papers, expository essays, descriptions, narration, and poetry. The easy-to-use parent/teacher section includes what to look for in an assignment, how to assign a grade, how to help the student proofread, and a one-year writing program with daily writing prompts designed to maintain fun and interest for the student.

This two-volume set includes an illustrated student workbook and a teacher’s manual.

Textbook Set: \$40

Additional Student Workbook: \$30

Author: Sharon Watson

Format: Softcover Textbook

Prerequisites: None

Recommended Grade: 5-8



Sharon Watson

Sharon Watson did not retire from homeschooling when she ran out of children. Instead, she continued to write about homeschooling while teaching homeschool classes on literature, Indiana history, and composition for middle and high school students. In addition, Sharon conducts writing workshops during the school year and tends an herbal tea garden in the summer. Visit Sharon’s website at www.WritingWithSharonWatson.com.

AROUND THE WORLD IN 180 DAYS Second Edition

AVAILABLE
SPRING



The first non-science course published by Apologia, *Around the World in 180 Days* is a geography and history program covering each continent’s history, geography, and culture. And yet this is not a textbook. It is a series of questions that the student must research in order to answer. Plenty of resources (available in most public libraries) are suggested to help students conduct their research, and the teacher’s edition provides all the answers.

Pages in the student book are three-hole punched and perforated so that the student can complete the worksheets and compile a notebook that will document his or her work. One great thing about this curriculum is that it is written with a multilevel approach, with questions for students of all grade levels, and these levels are clearly marked in the book. This is truly a curriculum your whole family can study at once!

This two-volume set includes an illustrated teacher’s edition and a student workbook.

Textbook Set: \$40

Additional Student Workbook: \$30

Author: Sherrie Payne

Format: Softcover

Prerequisites: None

Recommended Grade: Multi-level



Sherrie Payne

Sherrie Payne, the mother of six children, began homeschooling in 1983. For a time, she taught not only her own children but others as well. At one point, her classroom held eleven children ranging in age from preschool through high school. This experience gave her insight and perspective on teaching several grade levels at once. Sherrie’s six children, now adults, include a policeman, a lawyer in the Air Force JAG corps, a kindergarten teacher, a new college graduate, and two stay-at-home moms who are eagerly looking forward to homeschooling their own families.



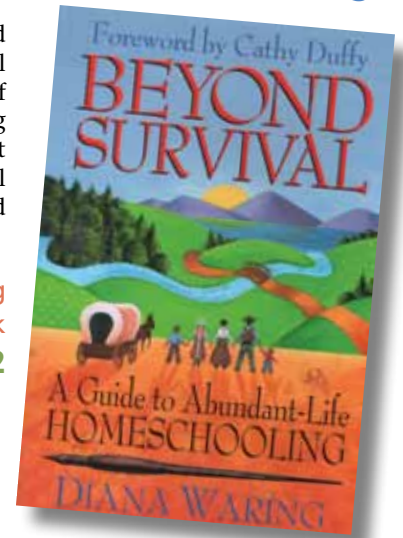
BEYOND SURVIVAL A Guide to Abundant-Life Homeschooling

Teaching your children at home is much more than giving lessons in reading, writing, and arithmetic; it is a journey toward a lifetime of learning that will expand your horizons as well as theirs. In order to help you on your way, Diana Waring offers this transparent description of her family's own homeschooling experience. Whether you are contemplating homeschooling or are a seasoned veteran, this insightful guide can help you build a healthy environment that fosters enthusiastic learning. Diana includes a list of recommended resources that will allow you to dig more deeply into what you find interesting. With warm encouragement and inspiration, Diana gives you the courage that you, too, can do this!

Author: Diana Waring

Format: Paperback

\$12



"Well done, Diana! We have three sons who will thank you someday, and our thirteen-year-old thanks you now. You have helped breathe some new life into our little schoolroom."

Parent

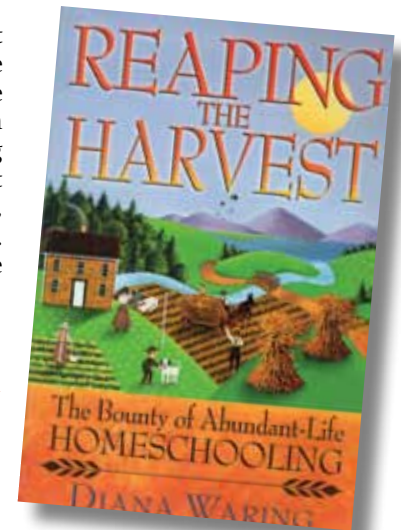
REAPING THE HARVEST The Bounty of Abundant-Life Homeschooling

Parenting teenagers requires us to change the way in which we view our children; we must recognize and acknowledge that they are budding adults. If we, as parents, and our kids are to experience the teen years as a mutually rewarding time, we must also change the ways we interact with them. Written after Diana Waring homeschooled her three children through their own teen years, *Reaping the Harvest* is a practical guide to building deep and long-lasting relationships with your teens. Diana provides a blueprint for helping your teens think about issues of the adult world, such as taking responsibility for their education, handling money, setting and achieving their own goals, and developing healthy male/female relationships. More importantly, this book will help you and your teens to catch a vision of serving the Lord fully within whatever sphere of influence He calls them to.

Author: Diana Waring

Format: Paperback

\$12



"This book is great! I have never read another like it. Not just focused on academics but also on character and the joy of parenting teens through these fun years. I am totally encouraged!"

Parent

Diana Waring has been active in the homeschooling movement for the past twenty years, writing material for and speaking to homeschoolers across the U.S. and Canada, and more recently New Zealand, Australia, England, Scotland, and Korea. Much of what Diana teaches about homeschooling was learned "in the trenches," teaching her own three children from preschool through high school. The combination of that experience and mentoring from others, along with life-lessons taught lovingly by the Lord, have given us a compassionate, transparent, and nurturing writer and speaker whose work is marked by wisdom and humor. Her books are considered homeschool classics, having encouraged tens of thousands of families around the world. Diana has been happily married to her husband, Bill, for more than 30 years. They reside in a small town outside of Seattle, Washington.

Diana Waring



Thank You for Making the Apologia
Family a Part of Your Family





Worldview Curriculum



What We Believe

Biblical Worldview Series

Our children are bombarded daily with competing messages. Every song, movie, book, TV show, blog, and game is full of ideas—ideas about God, people, truth, beauty, and right and wrong. Not all of these ideas are true. Some are deceptive and even destructive. Because it is more important than ever that children learn to discern the truth, Apologia has partnered with Summit Ministries to bring you the What We Believe series.

The What We Believe series is an outstanding way to teach your child the essential beliefs of the Christian faith, but it's so much more! With this student-directed, Bible-based curriculum, your child will learn to use scripture as a lens through which to view the world around them—to see everything the way God sees it. Featuring engaging stories, creative notebooking, and fun activities, this four-part series is presented in a conversational style that makes the study of God's Word exciting and memorable.

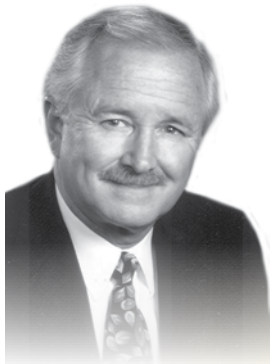
What We Believe Notebooking Journals

Your children can personalize and capture what they learn in a beautiful keepsake they will want to revisit as they grow in Christ. These hardcover, spiral-bound notebooking journals include lesson plans, artful graphics, imaginative writing prompts, puzzles, activities, and full-color mini books. There's even a place on the cover for the child to write his or her name as the author of the journal. Each journal includes an "About the Author" page and a section for "endorsements" by friends and family!

What We Believe Coloring Books

For younger students and those who learn best while their hands are busy! Each 64-page coloring book is lovingly illustrated by Alice Ratterree. Every drawing depicts a story or teaching from the companion textbook to reinforce the teaching.

John Hay



John Hay is an international educational consultant and staff writer for Summit Ministries. He is also the author of the *Building on the Rock* curriculum for Christian schools. John is committed to helping parents and classroom teachers instill in young children a biblical Christian worldview from which they can interpret the world around them, learn to think biblically, and apply that thinking to every dimension of their lives. He has trained Christian educators in more than forty-five nations.

David Webb



David Webb is a writer and editor and longtime veteran of Christian publishing, having worked with many best-selling authors at Broadman & Holman, Multnomah Publishers, and Regal Books. Today he serves as director of marketing for Apologia Educational Ministries. A father of six, David and his wife, Peggy, have homeschooled their children since 1990.



Volume 1

WHO IS GOD? (And Can I Really Know Him?)

Biblical Worldview of God and Truth

The first book in the What We Believe series introduces the concept of worldview while laying the foundational truths upon which the evangelical Christian worldview is built: God is truth and He reveals truth to people; He is the one true and almighty God; He is the Father, the Son, and the Holy Spirit; He created everything; I am God's child and am made to love and to praise Him; God meets all my needs; sin keeps me from God; and Jesus is the only way to God. This study will help children come to know and trust our loving God while building an unshakable faith to last a lifetime.

Authors: John Hay & David Webb

Format: Textbook

Prerequisites: None

Age Recommendation: 6-14

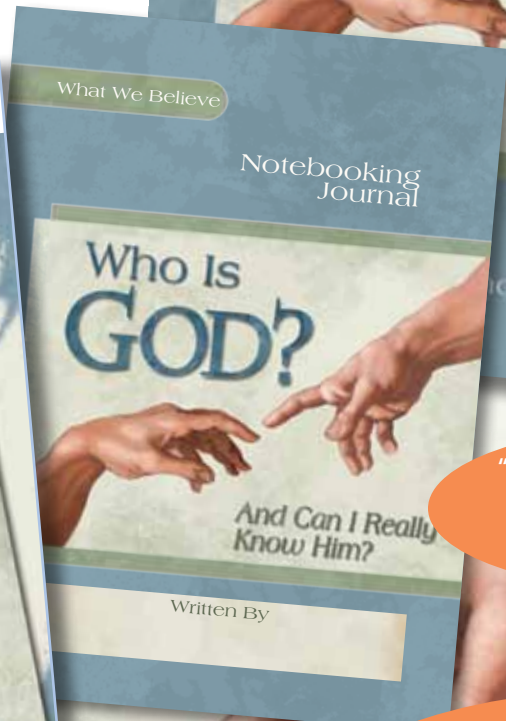
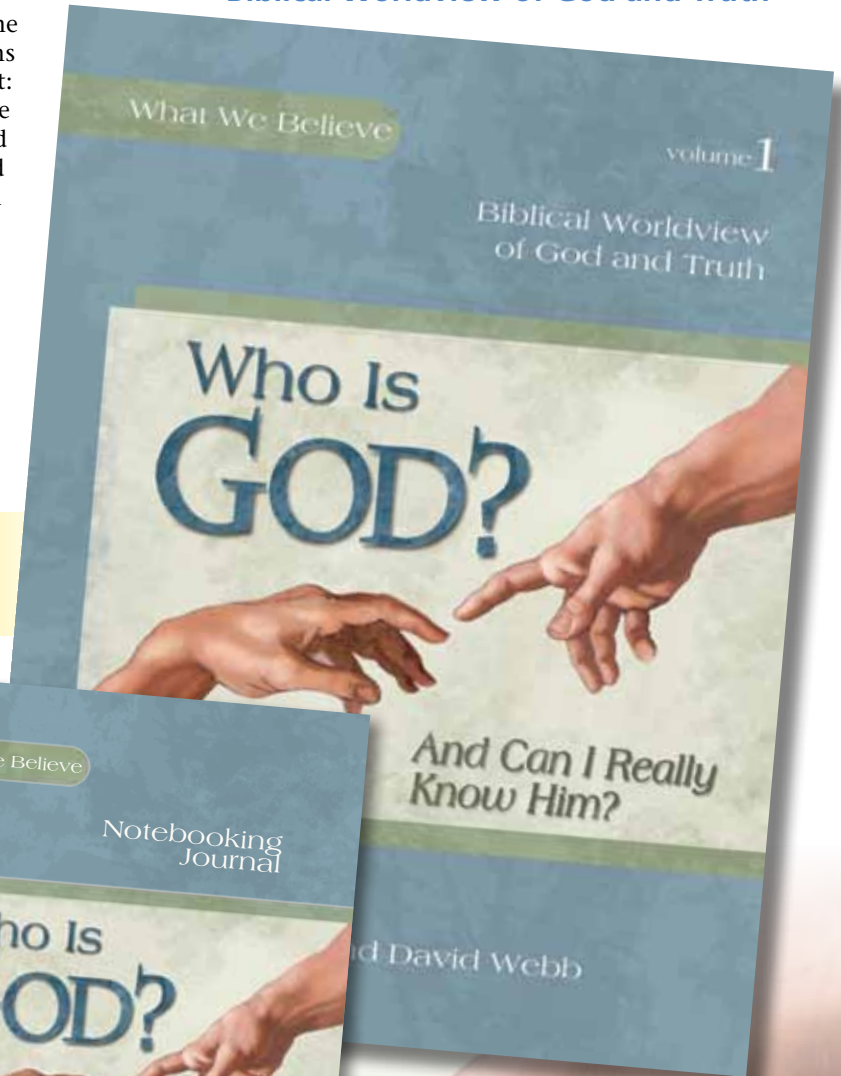
\$39

Audio MP3 CD: \$15

Notebooking Journal: \$24

Coloring Book: \$8

**AVAILABLE
SPRING**



"I absolutely LOVE this book!"
Marissa Leinart
 Homeschooling parent and
 Emmy-winning broadcaster

"A powerful inoculation of truth that will
 help protect our young people and make
 them better ambassadors for Christ."

Frank Turek
 Co-author of
I Don't Have Enough Faith to Be an Atheist



Volume 2

WHO AM I? (And What Am I Doing Here?)

Biblical Worldview of Self-Image

The second book in the series helps children understand what it means to be fearfully and wonderfully made in the image of the Most High God. This study will enable children to develop a healthy self-image based on these biblical truths: God made me in His image and crowned me with glory; He has given me special gifts and a unique purpose in life; I can creatively express God's love; I am meant to think about beautiful and praiseworthy things; I must make decisions based on God's truth; I can always know the wise thing to do; I must cultivate the fruit of the Spirit in my life; and I am a beloved child of God whose true identity is found in Christ.

Authors: John Hay & David Webb

Format: Textbook

Prerequisites: *Who Is God?*

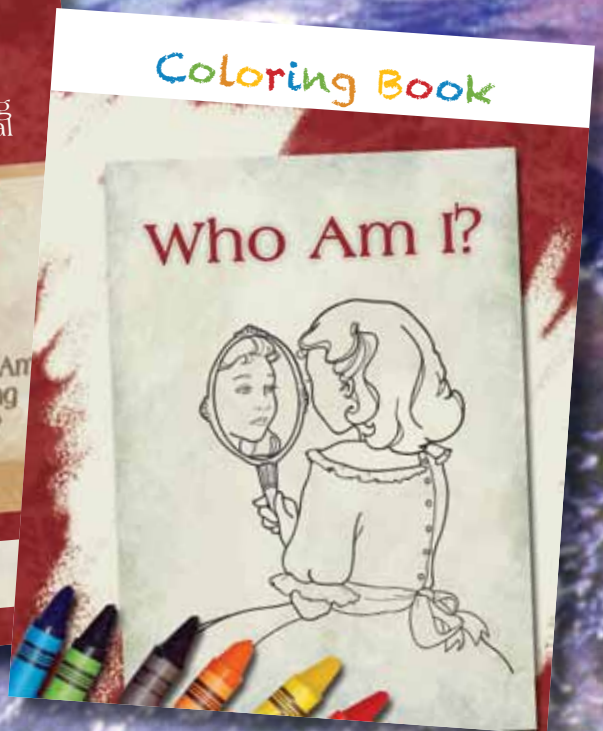
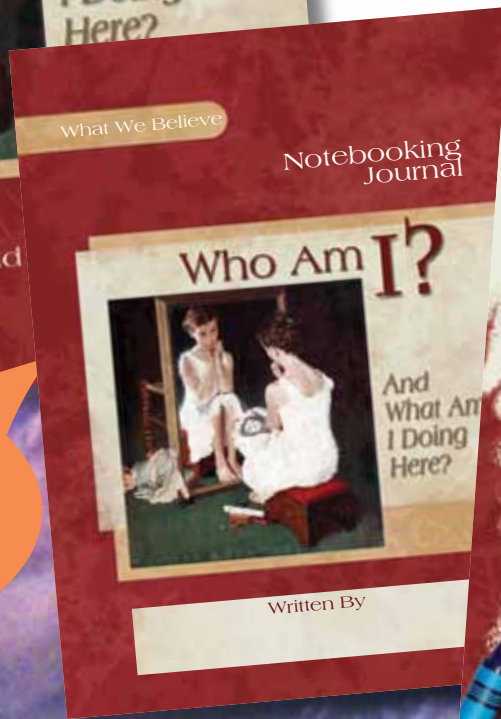
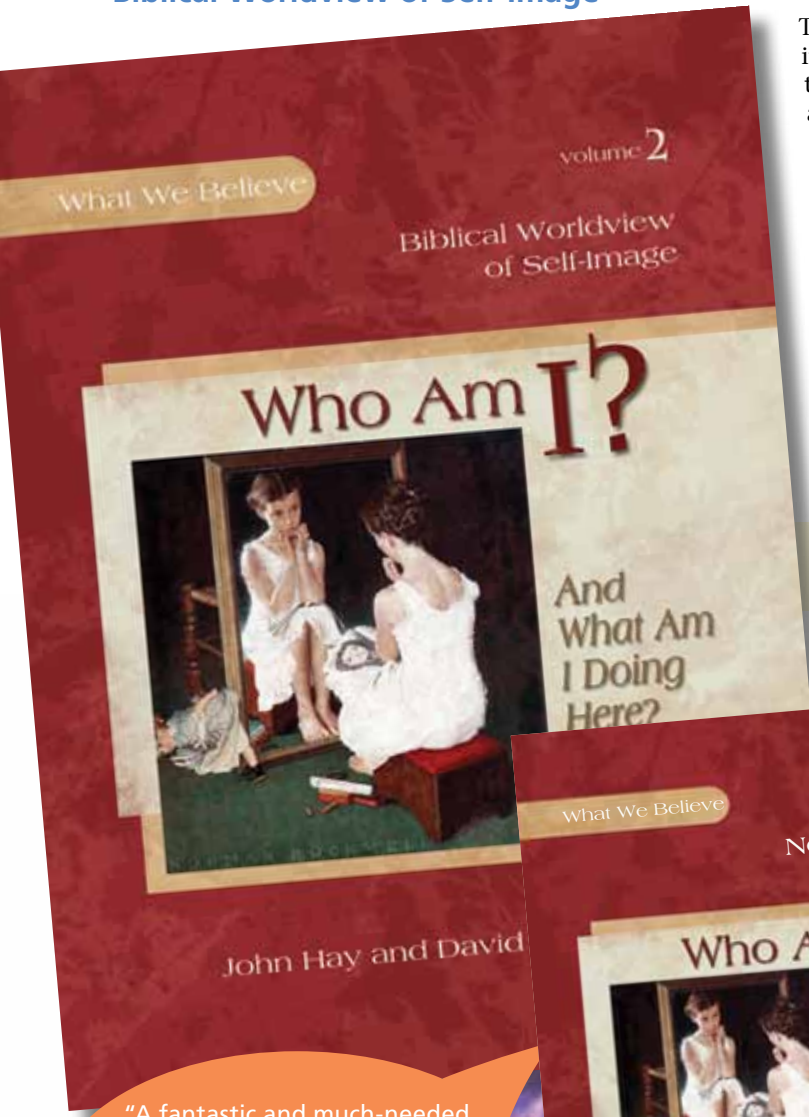
Age Recommendation: 6-14

\$39

Notebooking Journal: \$24

Coloring Book: \$8

**AVAILABLE
SUMMER**



"A fantastic and much-needed resource. I'm looking forward to taking my own kids through these valuable lessons."
Sean McDowell
Author of *Apologetics for a New Generation*

"A wonderful tool to help Christian parents keep family discipleship front and center."
Debra Bell
Author of *The Ultimate Guide to Homeschooling*



AVAILABLE
FALL

WHO IS MY BROTHER? (And Why Do We Need Each Other?) Biblical Worldview of Servanthood

Volume 3

The third book in the What We Believe series helps children understand what it means to be salt and light to the world (Matthew 5:13–14). This study will encourage kids to develop a Christlike servant attitude based on these biblical truths: God created me to be a blessing to the world; God chooses to work through me; I experience God's pleasure when I do my best; I glorify God when I serve others; I can make a difference at home, in my community, and at church; the church is God's family; and the church is one body with many gifts, and I am an important member of Jesus' body.

Authors: John Hay & David Webb

Format: Textbook

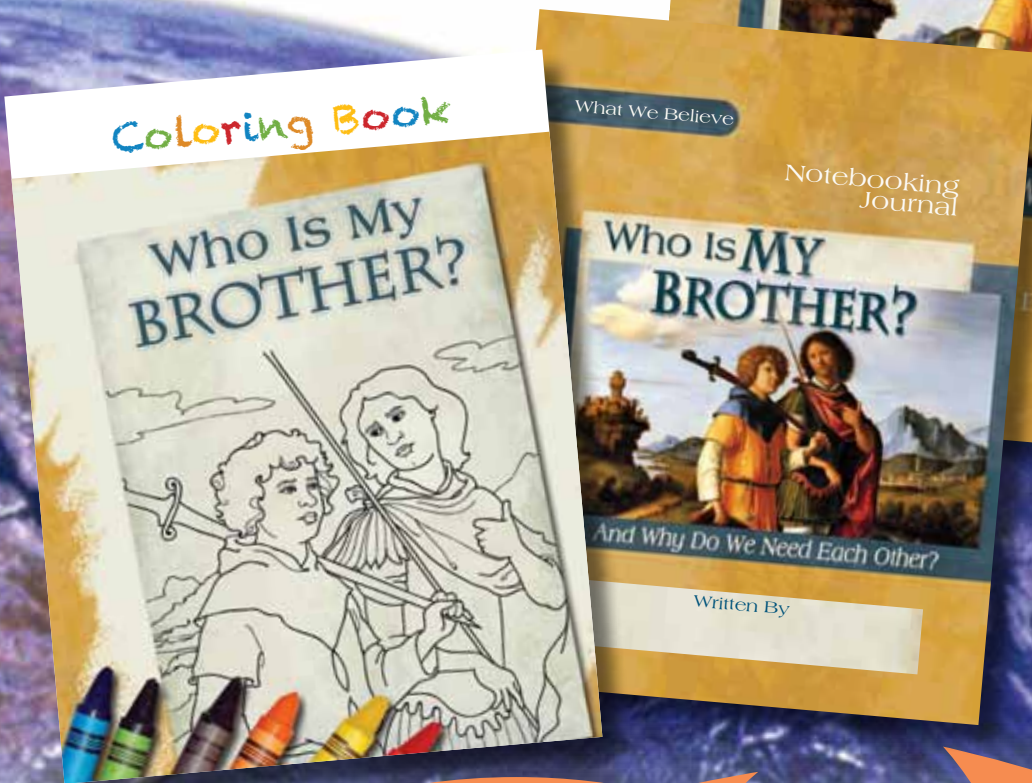
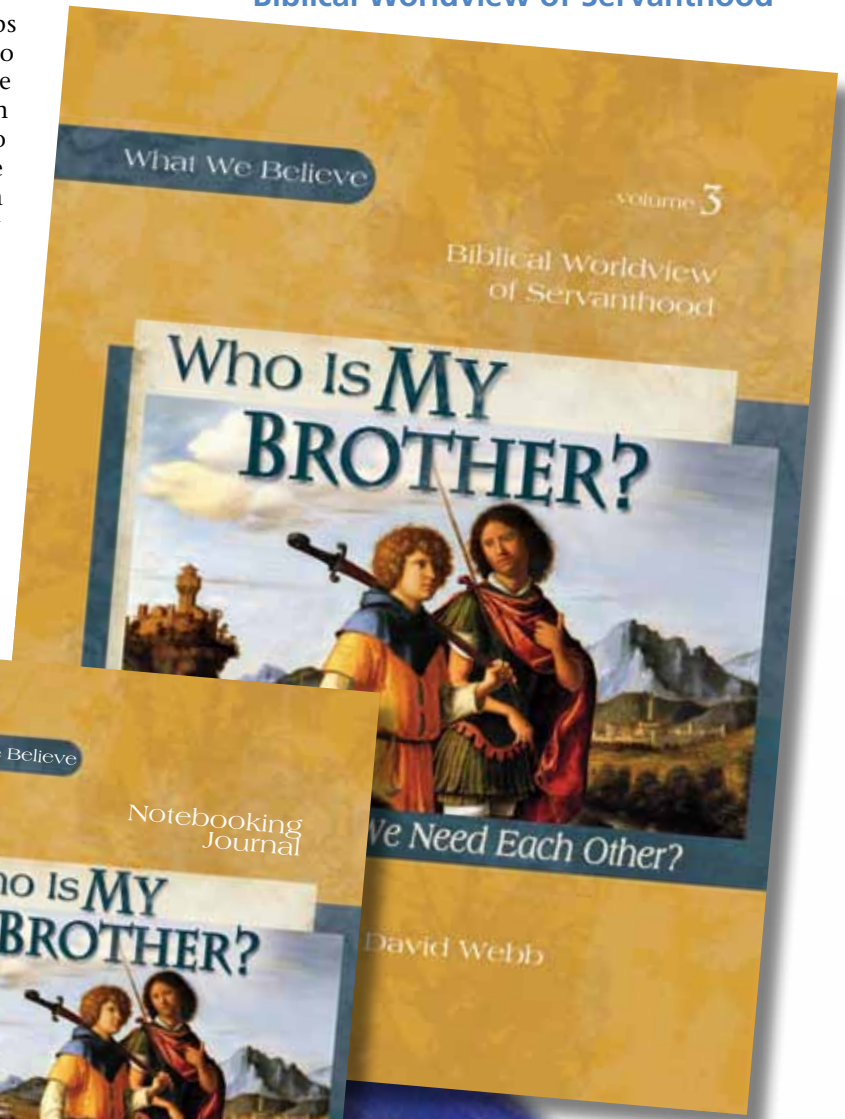
Prerequisites: *Who Am I?*

Age Recommendation: 6-14

\$39

Notebooking Journal: \$24

Coloring Book: \$8



"Absolutely wonderful!"
The Old Schoolhouse Magazine

"Truly outstanding! I'm getting these
books for my own grandchildren."

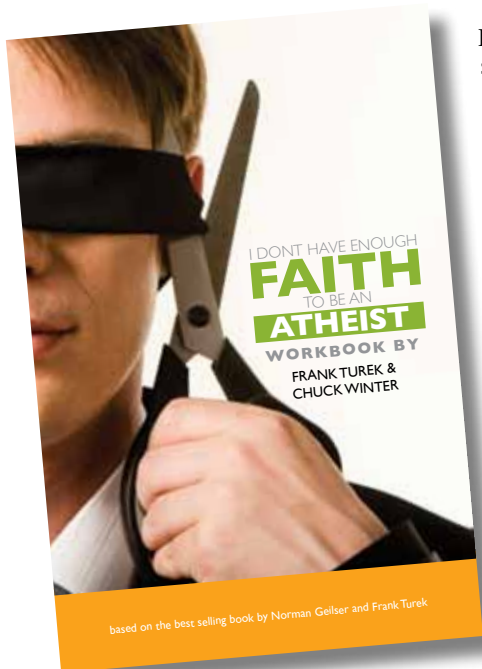
Christian Overman

D.Min, M.Ed.

Biblical Worldview Institute



I DON'T HAVE ENOUGH FAITH TO BE AN ATHEIST WORKBOOK



AVAILABLE
2012

Introducing Apologia's first apologetics curriculum for high school students! Based on Norman Geisler and Frank Turek's best-selling book *I Don't Have Enough Faith to Be an Atheist*, this study will prepare teens and young adults to defend their Christian faith with boldness and effectiveness. During this course, your student will tackle the question of absolute truth, demolish the follies of postmodernism, debunk moral relativism, and march logically and surely toward the inescapable truths of the Christian faith. This is a companion study, so your student will need a copy of the original book, which is available through Apologia.

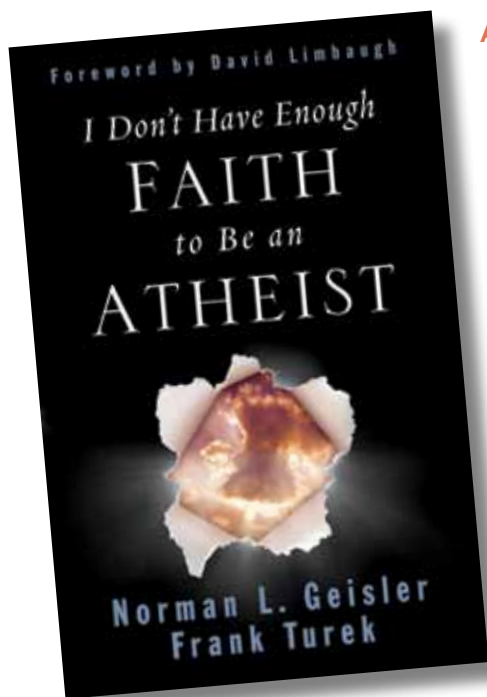
Authors: Frank Turek & Chuck Winter

Format: Workbook

Prerequisites: None

Recommended Grade: 9-12

I DON'T HAVE ENOUGH FAITH TO BE AN ATHEIST



Authors: Norman Geisler & Frank Turek

Format: Paperback

Prerequisites: None

Recommended Grade: 9-12

"The best single book I've seen to prepare believers to give the reasons for their faith. Truly a Godsend."
David Limbaugh
Author of *Absolute Power*

"Atheism requires gobs of blind faith while the path of logic and reason leads straight to the gospel of Jesus Christ. Geisler and Turek convincingly show why."
Philip Johnson
Author of *Darwin on Trial* and *Reason in the Balance*

Frank Turek

Dr. Frank Turek is a dynamic speaker and an award-winning author or coauthor of three books, including the national best-seller *I Don't Have Enough Faith to Be an Atheist*. As president of CrossExamined.org, Frank impacts young and old alike at colleges, high schools, and churches with hard yet entertaining evidence for Christianity. He hosts an hour-long TV program each week called *I Don't Have Enough Faith to Be an Atheist* on the NRB Network. His radio program, "CrossExamined with Frank Turek," airs on 136 stations every Saturday morning. Frank has also appeared on many other programs including *The O'Reilly Factor*, *Hannity and Colmes*, *Politically Incorrect*, "The Bible Answer Man," and "Focus on the Family." A former aviator in the U.S. Navy, Frank holds a Doctorate in Apologetics from Southern Evangelical Seminary.



Science Curriculum



Looking Under the Sea to Fathom God's Creation

I love talking with high school students. Not only do so many possibilities lie before them, but they're at an age when they take all the information they learned as youngsters and begin to discuss it, to think about it, to own it. They're not afraid to ask the hard questions because they have an honest desire to learn and understand.

This makes for some interesting discussions. If you have a high school student in your home, you know what I'm talking about. The conversations often begin around 10:30 p.m., just as you're getting ready for bed.

"Hey, Mom. What do you think about . . . ?" I have learned that this means I'm going to be up for at least another hour talking about worldviews, the plot of a recent movie, or why people behave the way they do. I must confess that, despite the late hour, I love these moments. As parents, we know how essential an understanding of these issues is to the growth and future welfare of our children, but the discussions are so much more effective when they raise the questions.

This is one reason I am so passionate about teaching the sciences. As students learn more about the created world, as they discover more and more of its boundless intricacies, the character of our amazing, endlessly loving Creator is revealed.

Historically, many of our great scientists knew this to be true. From Nicolaus Copernicus to Sir Isaac Newton, their drive to comprehend the world around them was fueled by a desire to learn more about God

Himself. Copernicus was determined to continue his research about our solar system despite scholarly and religious objections because he simply could not accept the clumsiness of the Ptolemaic earth-centered system being taught in his day. He was certain God would not have designed such an awkward system and believed the more elegant sun-centered system to be more representative of God's orderly design.

Stumbling Block to Evolution

My own experiences as a marine biologist have given me greater appreciation for God's boundless creativity. Consider, for example, the horseshoe crab. Scientists call them "living fossils" because horseshoe crab fossils have been found in layers of the earth presumed to be millions of years in age. Yet through all of these layers, these creatures have not changed in appearance. This fact is a significant stumbling block to evolutionary theory, which suggests that creatures this "old" should have been affected by natural selection to evolve with their changing environments.

Horseshoe crabs are considered to be quite low on the evolutionary tree, yet they have an ability that even humans do not have. Amoebocytes, special cells in their blood, are able to produce a clotting agent that will attach itself to dangerous bacteria, keeping the bacteria from infecting the horseshoe crab. These same bacteria occur naturally in the air humans breathe and the water we drink. We even

Photos: NOAA Biogeology Team



have them in our intestines. But if these bacteria enter our bloodstream due to a major trauma or even when we receive a shot, they can cause fatal fevers. Today, scientists use the specialized cells in horseshoe crabs' blood to aid in the identification of these dangerous bacteria. If you have ever received an antibiotic or had surgery, you have benefited from the horseshoe crab's "advanced" ability to detect harmful bacteria.

Birth of an Ocean

Not only do we see glimpses of God's glory in the complexities of undersea organisms, the oceans of the world can also teach us much about how the world itself was created. Scientists agree that the earth is made of large masses of rock called plates, which form something of a large puzzle around our globe. Some of these massive plates support the world's continents, while others lie below the ocean floor. However, these plates are not static. Some move closer together, creating mountains and volcanoes, while others shift away from one another, expanding the ocean floor. Many scientists believe these movements are slow and uniform, moving only a few centimeters each year. But in 2005, something amazing occurred. Within a period of days, a thirty-five-mile-long rift occurred in a desert of Ethiopia. This crack was up to twenty feet wide in some spots. Caused by volcanic activity and plate movement beneath the rift, this movement resulted in the birth of what is now agreed to be a new ocean basin. This means a new sea is forming in our world!

Because scientists actually witnessed this amazing phenomenon, they now can say that seafloor ridges—locations where two of the earth's plates meet—can tear open in just a few days instead of millions of years! What an amazing testimony to the fact that oceans do not necessarily take millions of years to form.

You, Me, and the Sea

As we learn more about ocean environments, we also see how each of the habitats on earth is affected by the others. An estuary is a most amazing saltwater environment. It's an area where a freshwater river empties into an ocean or sea. Ocean tides and river flow bring nutrients to the estuary, making the area highly productive. The creatures that make their home there use these nutrients to produce so much food that the excess flows out to the ocean, providing food for other ocean environments. Much of the ocean is dependent on estuary "leftovers" and would not be able to sustain life without them. Just as Copernicus believed about our solar system, the oceans of our world are so interconnected that there is a perceivable design in their arrangement.

It makes sense then that an incident in one part of the world can impact other areas. For example, the recent oil spill in the Gulf of Mexico may have far-reaching effects on many ocean environments, thereby impacting the world's food supply, economics, and even politics.

Why do we need to learn and teach our children about our oceans and our world? Because we live here. We have been given the responsibility to subdue the earth and be good stewards of it. From the complexities of the small horseshoe crab to the large-scale effects of a multifaceted estuary, the marine environments and creatures of our world are amazing to study, help us to see order on earth, and point us and our students to the great Creator.

This should give you plenty to talk about with your students during the school day—and late into the evening!

Sherri Seligson

See Sherri's book on page 48.





Young Explorer Series

EXPLORING CREATION WITH ASTRONOMY



This book covers the major structures of our solar system. Starting with the sun and working towards Pluto, the student will learn details about all nine planets. (Or is it eight? Your student will have to decide.) Along the way, the student will also learn about Earth's moon, the asteroid belt, and the Kuiper belt. After that, students will move outside our solar system and learn about the stars and galaxies that make up God's incredible universe. Finally, the student will learn about space travel and what it takes to be an astronaut. The activities and projects use easy-to-find household items to make the lessons come alive! Activities include simulating the use of radar to reveal a hidden landscape, making a telescope, and making an astrometer to measure the brightness of a star. We recommend you spend an entire school year in this book, devoting approximately two sessions per week to the course.

See Jeannie's bio on page 46.

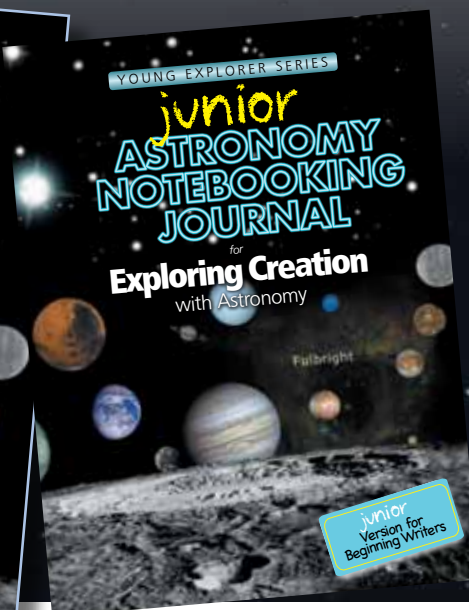
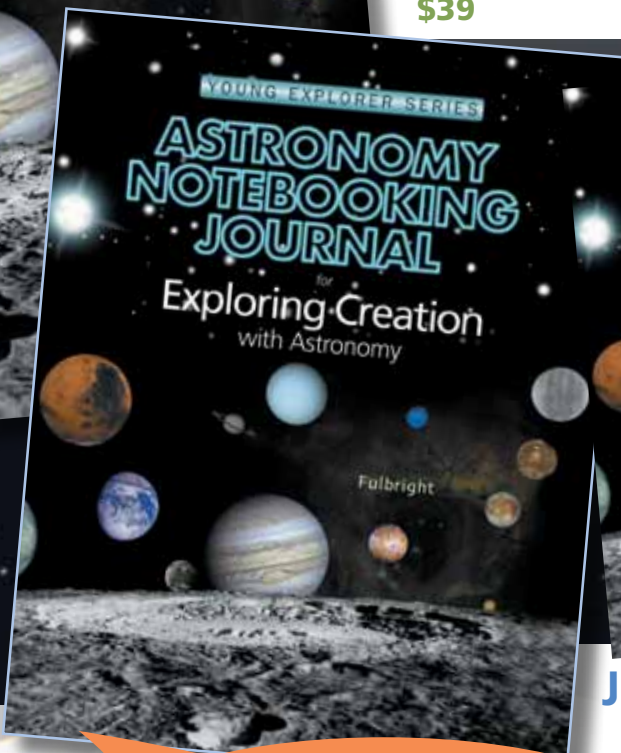
Author: Jeannie Fulbright

Format: Textbook

Prerequisites: None

Recommended Grade: K-6

\$39



ASTRONOMY NOTEBOOKING JOURNAL

Format: Spiral-bound notebook

\$24

"Thank you, thank you, thank you for the Junior Notebooking Journal for Anatomy! It's been such a blessing for my first-grade son who struggles with handwriting." Parent

JUNIOR ASTRONOMY NOTEBOOKING JOURNAL

Format: Spiral-bound notebook

\$24

AVAILABLE
SUMMER



Young Explorer Series EXPLORING CREATION WITH BOTANY

This course covers the development of plants from seeds, the reproduction process, the way plants make their food, and how plants get their water and nutrients and distribute them throughout the body of the plant. As students study these topics, they also learn about many different kinds of plants in creation and where they belong in the plant classification system. The projects in this book use easy-to-find household items. Activities include making a “light hut” in which to grow plants, dissection of a bean seed, growing seeds in plastic bags to observe the germination process, making a leaf skeleton, observing how plants grow towards light, measuring transpiration, forcing bulbs to grow out of season, and making pine cones open and close. We recommend that you spend the entire school year in this book, devoting approximately two sessions per week to the course. Please note that many of the activities and projects in this book are long-term with results that can take several days to observe.

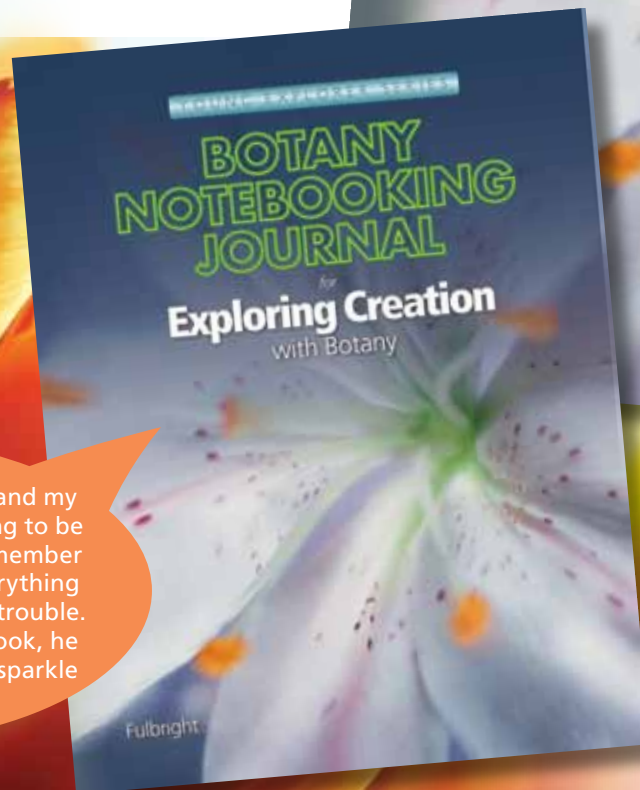
Author: Jeannie Fulbright

Format: Textbook

Prerequisites: None

Recommended Grade: K-6

\$39



“We started Botany last week and my son LOVES it! I know this is going to be a big hit. He usually doesn’t remember terms, but he remembered everything and could explain it all with no trouble. When I bring out the Botany book, he settles down beside me with a sparkle in his eyes” - Parent

BOTANY NOTEBOOKING JOURNAL

Format: Spiral-bound notebook

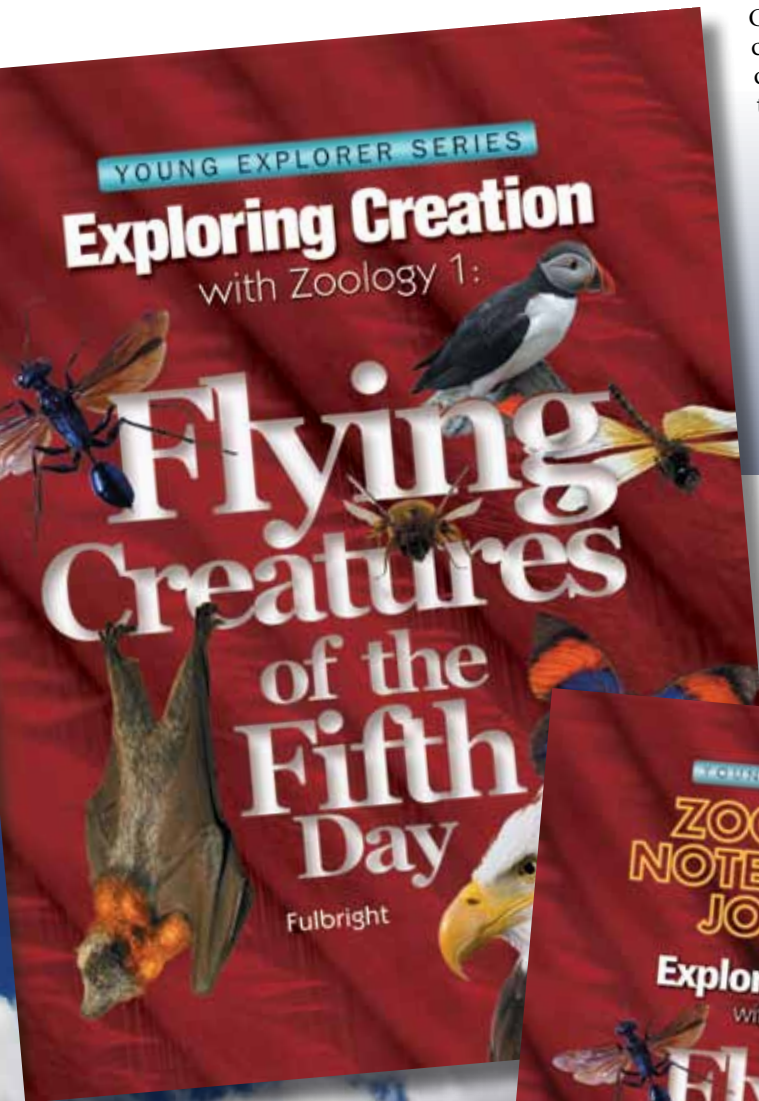
\$24



Young Explorer Series

EXPLORING CREATION WITH ZOOLOGY 1

Flying Creatures of the Fifth Day



Children begin exploring the dynamics of flight and animal classification, learning why the design we see in these incredible creatures points us to our Creator God. Your kids will learn how to attract various bird species to your yard and identify them by looking at their special physical characteristics, nests, and domestic practices. Students will also explore the world of bats, while exposing the misconceptions that most people have regarding these docile creatures of the night. They will then learn to scientifically classify insects with a simple glance at wings and other physical characteristics. In addition to designing experiments with flies, crickets, darkling moths, and caterpillars, kids will also learn how to attract and catch insects for scientific study. By learning to keep a field journal, they will be able to notice unusual circumstances or sudden increases in bird or insect populations. Your children will become true scientists, observing nature and the fascinating world God created.

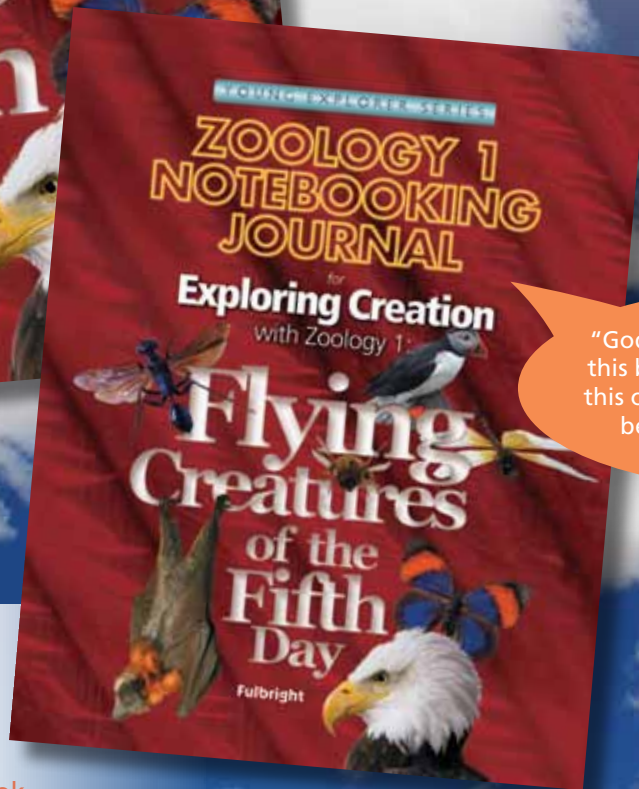
Author: Jeannie Fulbright

Format: Textbook

Prerequisites: None

Recommended Grade: K-6

\$39



"God's creation comes alive in this book. I highly recommend this curriculum. I know you will be blessed by it as I am."
Parent

ZOOLOGY 1 NOTEBOOKING JOURNAL

Format: Spiral-bound notebook

\$24



Young Explorer Series EXPLORING CREATION WITH ZOOLOGY 2 Swimming Creatures of the Fifth Day

This course will take your kids on an underwater journey to explore the wonders of creation. They'll begin with a big splash from the whales and dolphins, then spy on seals and meet manatees before swimming with the sea turtles, snakes, and salamanders. Students will also uncover the hidden world of crustaceans, sea snails, clams, and their soft-bodied friends like the octopus, squid, and nautilus. From the microscopic to massive, no stone is left unturned in your student's passage through the waters of the world. Each lesson ends with an experiment or project reinforcing the scientific method. Among other projects, your student will try on blubber, investigate a shark's ability to sense electrical currents, explore how whales can hear sounds that come from far away, and learn through experimentation which creatures make the best fossils. No matter how near or far you live from the ocean, your students will love this study!

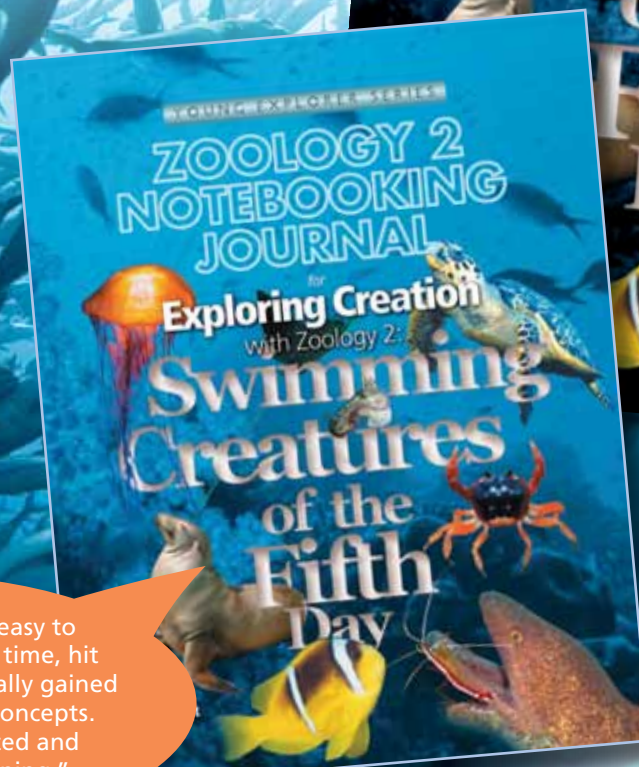
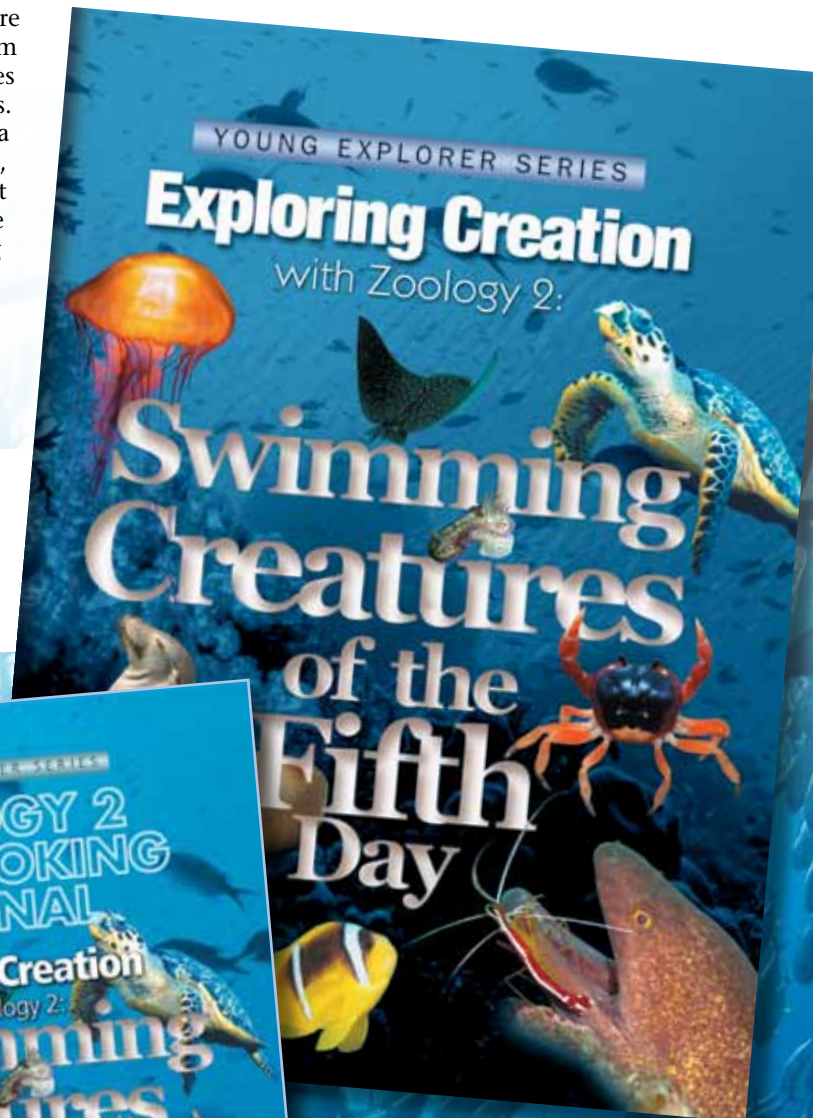
Author: Jeannie Fulbright

Format: Textbook

Prerequisites: None

Recommended Grade: K-6

\$39



"The experiments were easy to facilitate and, at the same time, hit the point head on, so we really gained an understanding of the concepts. My children were educated and encouraged to love learning."

Parent

ZOOLOGY 2 NOTEBOOKING JOURNAL

Format: Spiral-bound notebook

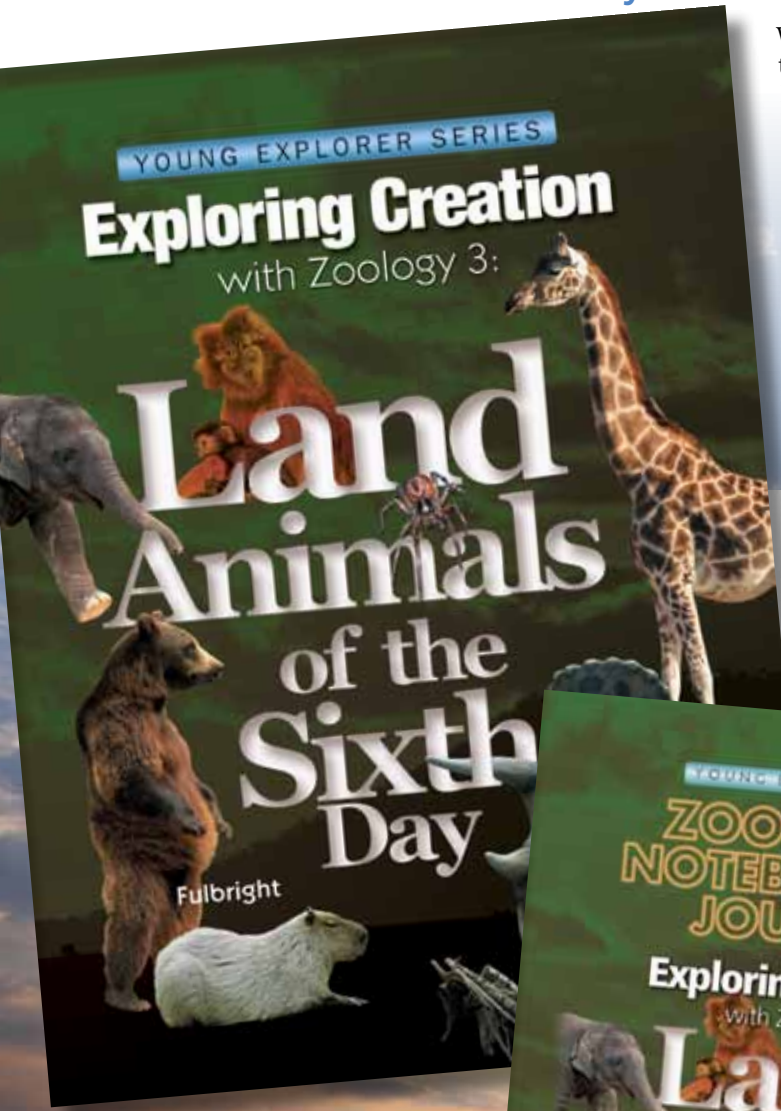
\$24



Young Explorer Series

EXPLORING CREATION WITH ZOOLOGY 3

Land Animals of the Sixth Day



What separates people from apes? How can a Great Dane be related to a Chihuahua? Is there evidence that people and dinosaurs lived at the same time? What should you do if you encounter a bear? How can you tell if a snake is poisonous? Kids will learn the answers to these questions and many, many more in this course. This book takes your student on a safari through jungles, deserts, forests, farms, and even your own backyard to explore, examine, and enjoy the enchanting creatures God designed to inhabit the terrain. Students will discover amazing animals, from primates to parasites, kangaroos to caimans, and turtles to the titanic Tyrannosaurus Rex! Students will keep a record of where each animal is found on a map and learn to identify animal tracks. As with all the Apologia elementary books, students will continue the practice of narration, keeping a notebook of what they have learned, and enjoy many hands-on projects and experiments throughout the course.

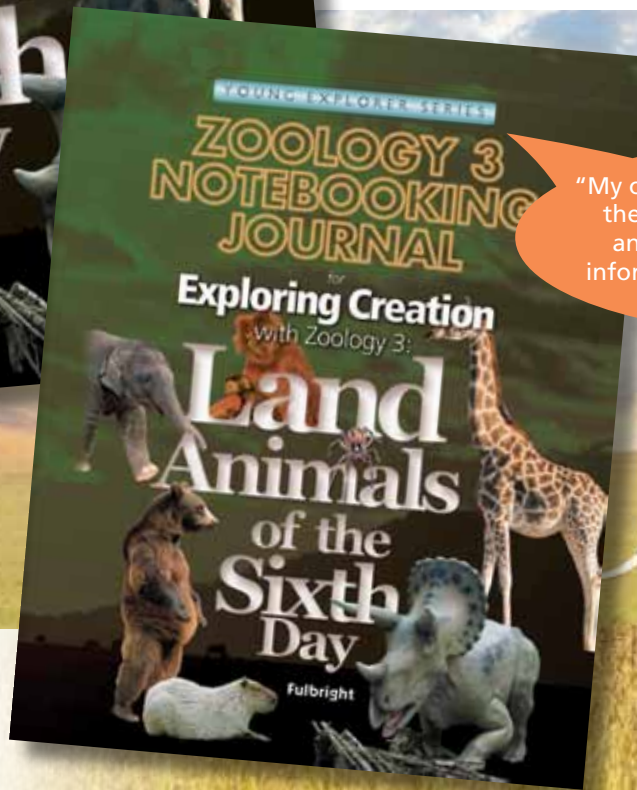
Author: Jeannie Fulbright

Format: Textbook

Prerequisites: None

Recommended Grade: K-6

\$39



"My children love this series. Although the books have beautiful pictures and are easy to understand, the information is not light—it's just fun to read!" - Parent

ZOOLOGY 3 NOTEBOOKING JOURNAL

Format: Spiral-bound notebook

\$24



Young Explorer Series EXPLORING CREATION WITH HUMAN ANATOMY AND PHYSIOLOGY

From head to toe, you and your student will encounter fascinating facts, engaging activities, intriguing experiments, and loads of fun as you learn about the human body and how to keep it working according to God's design. After a brief history of medicine and a peek into cell structure and DNA, students will take a fantastic voyage through each of their main physiological systems, including the skeletal, muscular, respiratory, digestive, circulatory, and nervous systems, and more! They'll study nutrition and health, embryology, major organs, how their immune system is designed to protect them, and what makes each of us a unique creation of God. In addition, your student will enjoy many experiments and projects, such as testing the bacteria content around the house, finding his or her blood type, creating a cell model from Jell-O and candy, and even building a stethoscope!

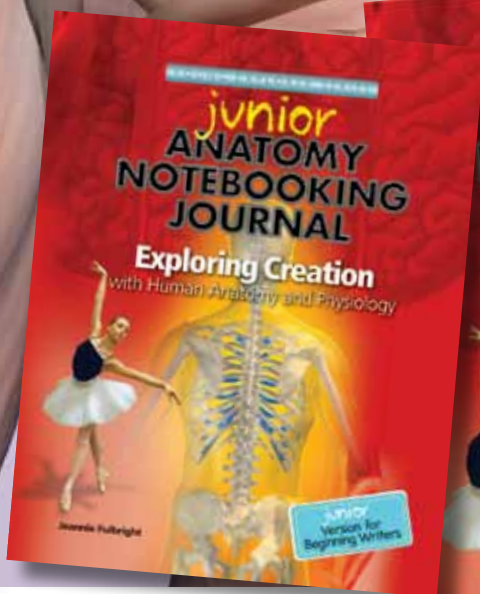
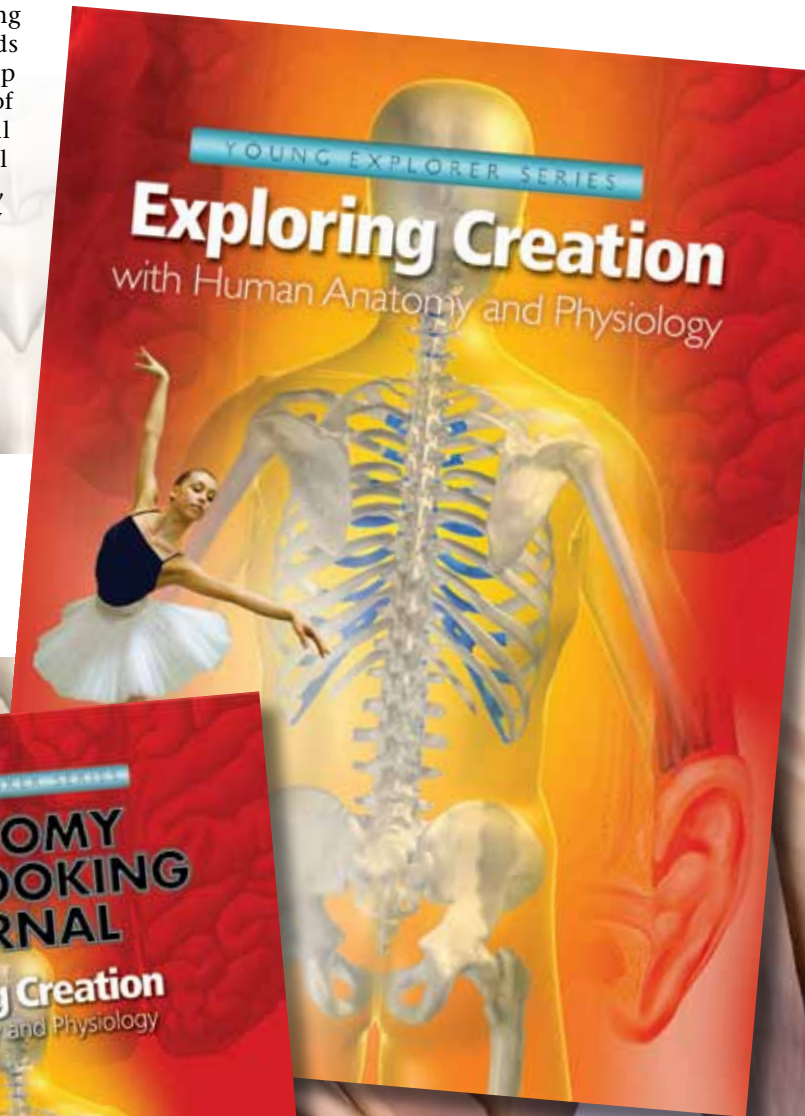
Author: Jeannie Fulbright & Brooke Ryan, MD

Format: Textbook

Prerequisites: None

Recommended Grade: K-6

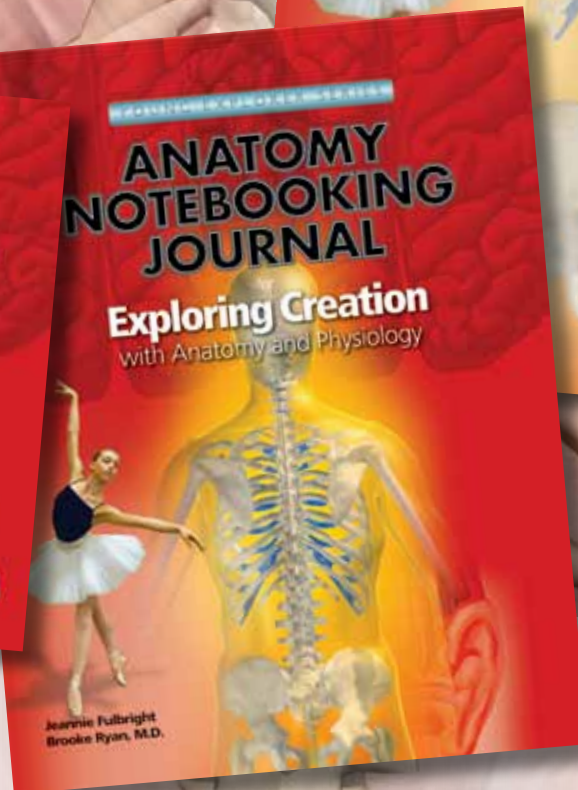
\$39



JUNIOR ANATOMY NOTEBOOKING JOURNAL

Format: Spiral-bound notebook

\$24



ANATOMY NOTEBOOKING JOURNAL

Format: Spiral-bound notebook

\$24



APOLOGIA SCIENCE LAB COATS **NEW!**

Apologia has brought science home to an entire generation. Now your young scientists can look the part with their own Apologia Science lab coats! Our coats are made to perform on the professional level and are the perfect addition to any home laboratory. A polyester/cotton blend embroidered with the Apologia Science logo, these coats will resist stains and endure (almost) any experiment your kids can dream up. Lab coats are available in S, M, and L sizes.

\$32





Young Explorer Series Notebooking Journals

Brighten your child's learning experience with these companions to the award-winning Young Explorer Series. Notebooking enables kids to personalize and capture what they have learned in an artful keepsake, and these journals make notebooking more fun than ever!

Every Apologia notebooking journal includes these features:

- Lesson Plans to help schedule the reading and activities through the school year.
- Fun graphics and imaginative designs to inspire your child's thought and creativity.
- Narrative review questions for older students ready to move from oral to written responses. These pages allow children to express what they've learned in their own words while building composition skills.
- Scripture copy work to help kids develop their grammar, spelling, and handwriting while hiding the Word of God in their hearts.
- Vocabulary crosswords - these activities are an entertaining way to reinforce terminology your kids have learned.
- Full-color, lapbook-style miniature books highlight key concepts from the book—the cut-and-fold design is ideal for students who benefit from a more hands-on approach.
- Field trip sheets to help students record their observations.
- Additional projects, experiments, and reading suggestions that encourage kids to dig deeper.
- Spiral binding that makes each journal remarkably easy to use.

Each student will cherish his or her individual notebook as they make it their very own with words and illustrations reflecting all they have learned in their pursuit of science. And it serves as a convenient record of your student's scientific endeavors throughout the year.



Jeannie Fulbright

Jeannie is a mother of four who shares with her readers a love for God's Word, family, homeschooling, and science. Jeannie and her husband, Jeff, an attorney in Georgia, have dedicated themselves to teaching and encouraging parents, helping them to develop a consistent walk with God, build a strong marriage, and nurture a happy, healthy family.

Jeannie began speaking and writing in college as a sportscaster for the University of Texas and as a headline writer with the Daily Texan. Following graduation and marriage, she focused her creative efforts toward building up the Christian community, teaching marriage and parenting classes, and writing Bible studies. Soon after her family set out on their homeschool journey, Jeannie recognized an immense need for scientifically sound creation-based curriculum that would be both engaging for kids and easy for parents to use. Her background in science at the University of Texas inspired her to create the Apologia elementary science courses.

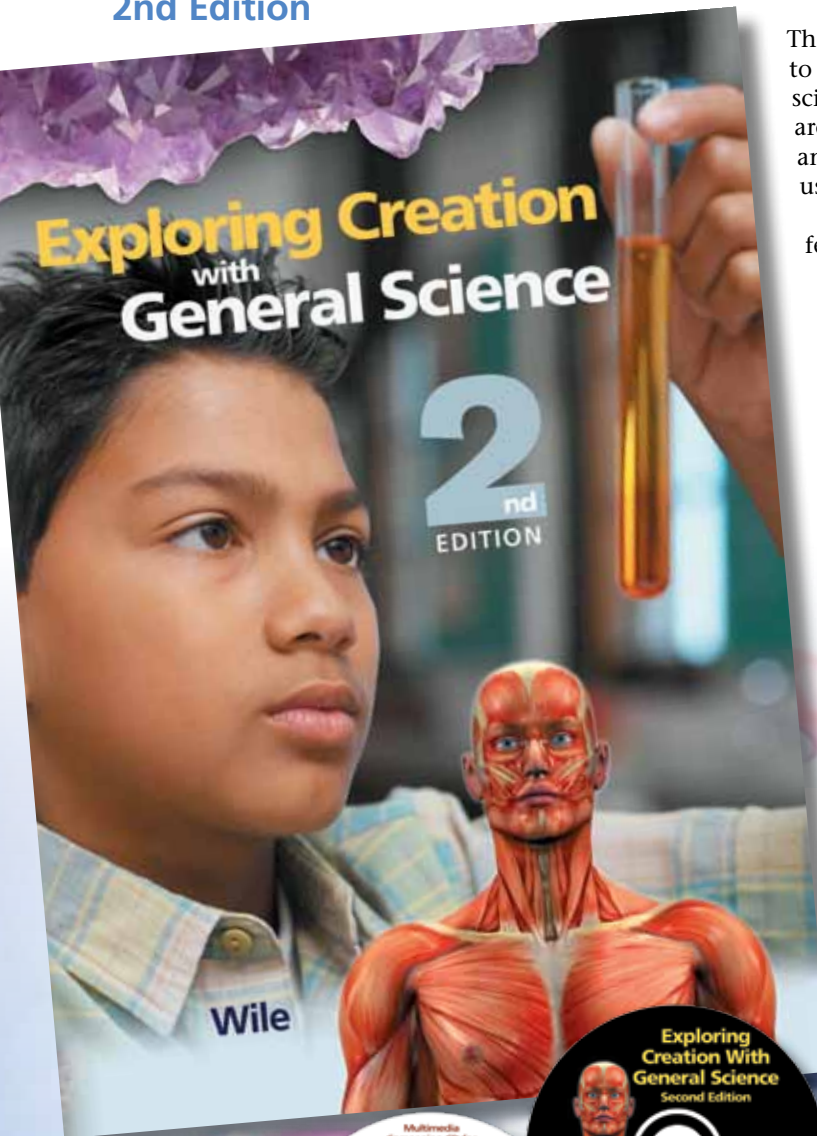
Jeannie's heart is to strengthen homeschoolers with the tools they need to run and finish the race with success. She regularly speaks at retreats, workshops, and conventions and has written numerous articles, many of which you can access at www.jeanniefulbright.com. Jeannie always makes time to answer e-mail and encourage homeschoolers on their journey. Contact Jeannie with questions and comments at jeannie@jeanniefulbright.com.

See Jeannie's science curriculum for grades K-6 on pages 32-37.



EXPLORING CREATION WITH GENERAL SCIENCE

2nd Edition



This course is designed to be a student's first systematic introduction to the sciences. The course covers topics like the history of science, scientific method, designing experiments, simple machines, archaeology, geology, paleontology, biology, and human anatomy and physiology. Many hands-on experiments are included, all using household items.

The second edition of our general science course has several features that enhance its value:

- Information integrated from the latest scientific advances
- More color and higher-quality illustrations
- Access to additional online resources for more advanced learners
- Appendix of review questions covering the entire course

Because of the differences between the first and second editions, students in a group setting cannot use both. They must all have the same edition.

This is a two-volume set. The high-quality hardcover student text contains all student material, study questions, laboratory exercises, and module study guides with color photos and illustrations. The softcover solutions-and-tests manual contains answers to module study guides, tests, and test solutions. A booklet containing an extra set of tests is shrink-wrapped with the manual.

Author: Dr. Jay Wile

Format: Textbook with solutions manual

Prerequisites: None

Recommended Grade: 7

\$85



Full Course on 2 CD-ROMs: \$65

Companion CD-ROM: \$15

MP3 Audio CD: \$15





EXPLORING CREATION WITH PHYSICAL SCIENCE 2nd Edition

This should be the last course a student takes before high school biology. We recommend that the student take this course during the same year that he or she is taking pre-algebra. *Exploring Creation with Physical Science* provides a detailed introduction to the physical environment and the basic laws that make it work. The fairly broad scope of this book provides the student with a solid understanding of the earth's atmosphere, hydrosphere, and lithosphere. The student will also cover weather, motion, Newton's Laws, gravity, the solar system, atomic structure, radiation, nuclear reactions, stars, and galaxies. The second edition of the text includes several features that enhance the value of the course:

- More color and higher-quality illustrations
- Experiments that are more engaging and easier to perform
- Access to additional online resources for more advanced learners
- Appendix of review questions covering the entire course

Because of the differences between the first and second editions, students in a group setting cannot use both. They must all have the same edition.

This is a two-volume set. The high-quality hardcover student text contains all student material, study questions, laboratory exercises, and module study guides with color photos and illustrations. The softcover solutions-and-tests manual contains answers to module study guides, tests, and test solutions. A booklet containing an extra set of tests is shrink-wrapped with the manual.

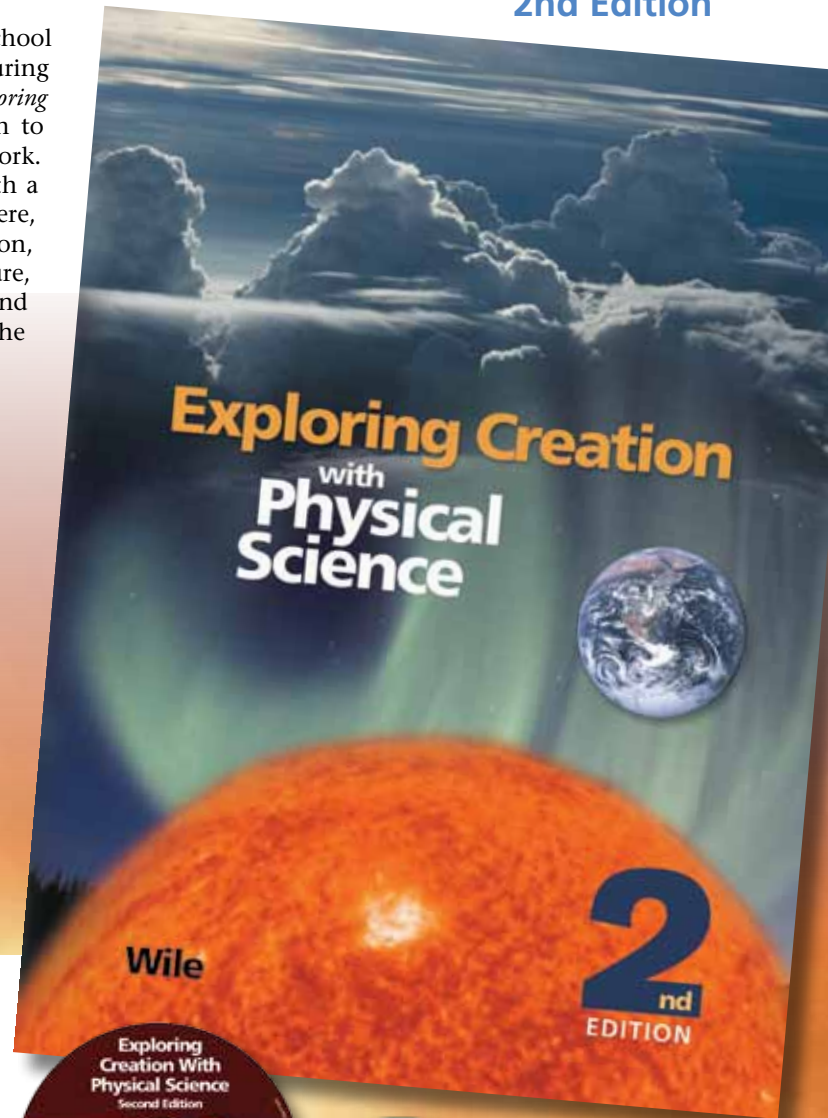
Author: Dr. Jay Wile

Format: Textbook with solutions manual

Prerequisites: None

Recommended Grade: 8

\$85



Full Course on 2 CD-ROMs: \$65

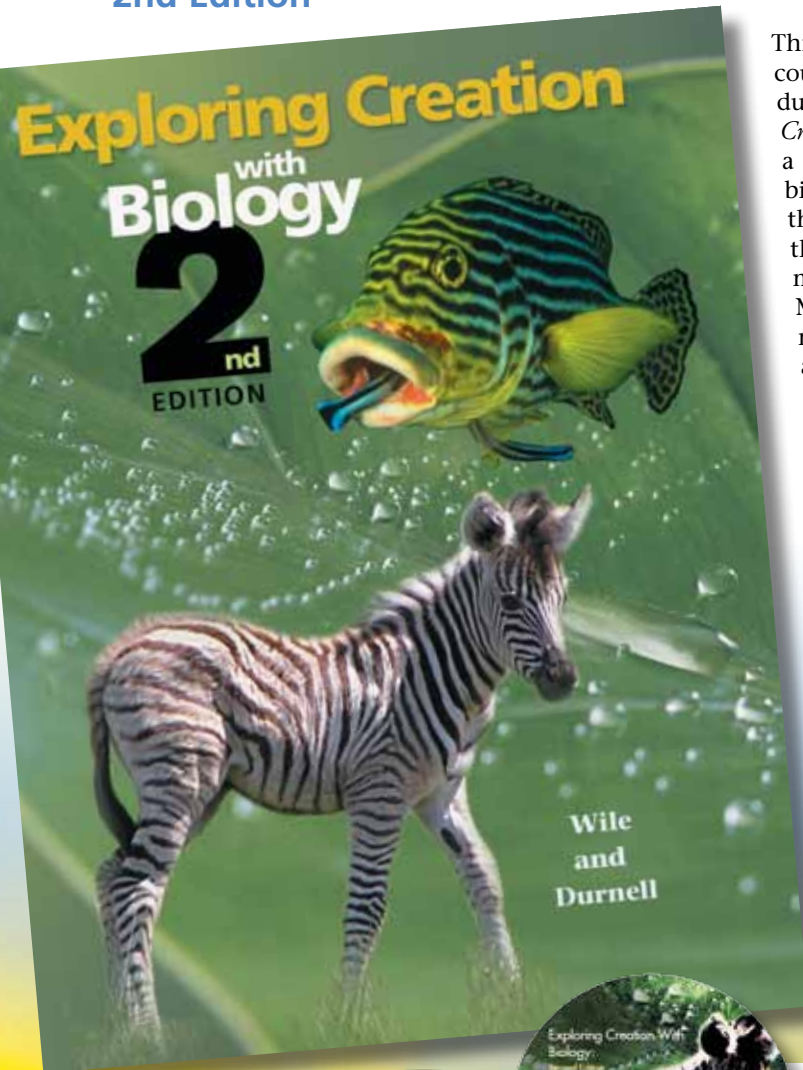
Companion CD-ROM: \$15

MP3 Audio CD: \$15



EXPLORING CREATION WITH BIOLOGY

2nd Edition



This course is designed to be the student's first high school science course. Typically, we recommend that the student take this course during the same year that he or she is taking Algebra 1. *Exploring Creation with Biology* is a college-prep biology course that provides a detailed introduction to the methods and concepts of general biology. With a strong emphasis on the vocabulary of biology, the course provides the student with a strong background in the scientific method, the five-kingdom classification scheme, microscopy, biochemistry, cellular biology, molecular and Mendelian genetics, evolution, dissection, and ecosystems. Please note that this course does not contain a discussion of human anatomy and physiology. (Most college biology professors do not consider human anatomy and physiology to be a part of a solid, college-prep biology course.) Anatomy is such a detailed subject that it merits an entire course (see *The Human Body* on page 50). The second edition of our biology course includes several features that enhance the value of the course:

- More color and higher-quality illustrations
- Experiments that are more engaging and easier to perform
- Access to additional online resources for more advanced learners
- Appendix of review questions covering the entire course

Because of the differences between the first and second editions, students in a group setting cannot use both. They must all have the same edition.

This is a two-volume set. The high-quality hardcover student text contains all student material, study questions, laboratory exercises, and module study guides with color photos and illustrations. The softcover solutions-and-tests manual contains answers to module study guides, tests, and test solutions. A booklet containing an extra set of tests is shrink-wrapped with the manual.

Author: Dr. Jay L. Wile and Marilyn F. Durnell

Format: Textbook with solutions manual

Prerequisites: None

Recommended Grade: 9

\$85



Full Course on 2 CD-ROMs: \$65

Companion CD-ROM: \$15

MP3 Audio CD: \$15





LABORATORY EQUIPMENT for EXPLORING CREATION WITH BIOLOGY

Exploring Creation with Biology contains three types of laboratory exercises for the student to perform:

- 1) **Household labs** - Only household equipment is used. These labs should be done by all students.
- 2) **Microscope labs** - These require a microscope + slide set. These labs are optional.
- 3) **Dissection labs** - These require a dissection kit. These labs are optional (except for Internet course participants).

We do not require you to perform the microscope and the dissection labs. However, if it is your intent to use this course to fulfill your high school lab science credit, you must complete 2 out of the 3 types of laboratory exercises. We have worked very hard to provide you with a quality equipment set at a very low price. If you wish to order specific pieces instead of a kit, please contact our equipment supplier, Nature's Workshop Plus, directly. Their toll-free phone number is 888-393-5663.

COMPLETE MICROSCOPE SET (ITEM #35): \$270

If you want to perform the microscope experiments in the course, this is the set you should order. A great package deal, this set includes both the National Optical model 131 microscope (pictured and described on page 51) and the slide set shown below.

MICROSCOPE SLIDE SET (ITEM #35): \$80

If you already have access to a quality microscope (it must have 40x magnification and a "fine focus" which is separate from the "coarse focus"), this is the set you want. The microscope slide set includes:

- Glass Slides and covers (10)
- Eyedroppers (4)
- Methylene blue
- Iodine
- Lens paper
- Microscope drawing paper
- Microslide #17 chick embryo (film strip)
- Plastic slide box
- Prepared slides:
 - » Ascaris - Animal Mitosis
 - » Onion Root Tip - Mitosis
 - » Amoeba Proteus
 - » Paramecium
 - » Euglena
 - » Planarian
 - » Spirogyra
 - » Hydra budding
 - » Diatoms
 - » Volvox
 - » Zea Mays stem cross-section
 - » Zea Mays root cross-section
 - » Ranunculus stem cross-section
 - » Ranunculus root cross-section
 - » Grantia spicules - w.m.
 - » Leaf cross section with vein



PREPARED SLIDE SET (ITEM # 82): \$62

For those who own or have access to a microscope *and* have their own slide-making supplies, we have made available a set composed of just the 16 prepared slides referred to throughout the course. For a list of these slides, please refer to the list of prepared slides in the microscope slide set described on this page.

DISSECTION KIT (ITEM #61): \$40

If you choose to do the dissection experiments, this kit comes complete with both equipment and specimens.

The kit includes:

- 1 stainless-steel cartilage knife
- 1 stainless-steel scalpel
- 3-inch glass dropper
- 2 teasing needles—1 straight and 1 curved
- tweezers
- probe
- scissors
- pins
- ruler
- dissection pan with pad
- 4 specimens:
 - » frog, 5 in.
 - » crayfish, 4–6 in.
 - » perch, 9–12 in.
 - » earthworm, 9–12 in.



DISSECTION SPECIMENS (ITEM #62): \$16

If you already own a set of dissection instruments, you can purchase a set of the 4 dissection specimens separately. The specimens include:

- frog, 5 in.
- crayfish, 4–6 in.
- perch, 9–12 in.
- earthworm, 9–12 in.



EXPLORING CREATION WITH CHEMISTRY 2nd Edition



This high school course gives the student a rigorous foundation in chemistry in order to prepare him or her for college-level studies. The course covers significant figures, units, classification, the mole concept, stoichiometry, thermochemistry, thermodynamics, kinetics, acids and bases, redox reactions, solutions, atomic structure, Lewis structures, molecular geometry, the gas laws, and equilibrium. While the laboratory experiments are designed for the home, some of them are more easily performed with specialized equipment. Therefore, we also make a laboratory equipment set available for purchase. All chemicals used in this course consist of household materials such as table salt, baking soda, dish soap, vinegar, etc. Students who successfully complete this course will be well prepared for a tough college chemistry course. The second edition of our chemistry course includes the following enhanced features:

- More color and higher-quality illustrations
- Additional problems and solutions for those who need more practice
- Optional labs and equipment available for students who want to go deeper
- Access to additional online resources for more advanced learners

Because of the differences between the first and second editions, students in a group setting cannot use both. They must all have the same edition.

This is a two-volume set. The high-quality hardcover student text contains all student material, study questions, laboratory exercises, and module study guides with color photos and illustrations. The softcover solutions-and-tests manual contains answers to module study guides, tests, and test solutions. A booklet containing an extra set of tests is shrink-wrapped with the manual.

Author: Dr. Jay L. Wile
Format: Textbook with solutions manual
Prerequisites: Algebra 1
Recommended Grade: 10
\$85

Full Course on 2 CD-ROMs: \$65
Companion CD-ROM: \$15
MP3 Audio CD: \$15



LABORATORY EQUIPMENT for EXPLORING CREATION WITH CHEMISTRY

CHEMISTRY KIT (ITEM #19): \$55

- 1 mass scale (0–500 grams)
- blue and red litmus paper
- 1 thermometer (-10 to 110° C)
- 6 test tubes
- 1 test tube cleaning brush
- 1 funnel
- 1 alcohol burner with stand
- 1 250-mL beaker
- 1 100-mL beaker
- 1 watch glass
- 2 medicine droppers
- 1 stirring rod
- 1 50-mL graduated cylinder
- 1 50-mL graduated polypropylene (plastic) cylinder for experiments which require freezing
- round pieces of filter paper
- safety goggles



The first three items on this list of lab equipment are necessary for completing all of the experiments in the course. If you already have items that meet these specifications, or if you do not wish to do every experiment in the course, you need not order anything. The remaining items make it easier for you to do the experiments, but there are common household substitutes you can use for each of them. These substitutes are detailed in the curriculum.

ORDERING INDIVIDUAL COMPONENTS

We have worked hard to provide you with a quality equipment set at a very low price. If you wish to order only specific pieces of a kit, please contact our equipment supplier, Nature's Workshop Plus, directly at:

Nature's Workshop Plus!
PO Box 425
Danville, IN 46122
Phone: (888) 393-5663
www.workshopplus.com

OPTIONAL SECONDARY LAB SET for EXPLORING CREATION WITH CHEMISTRY

MicroCHEM KIT (ITEM #102): \$125

Referenced ONLY in the 2nd edition of the textbook, this set includes everything needed for students who want to do extra experiments.

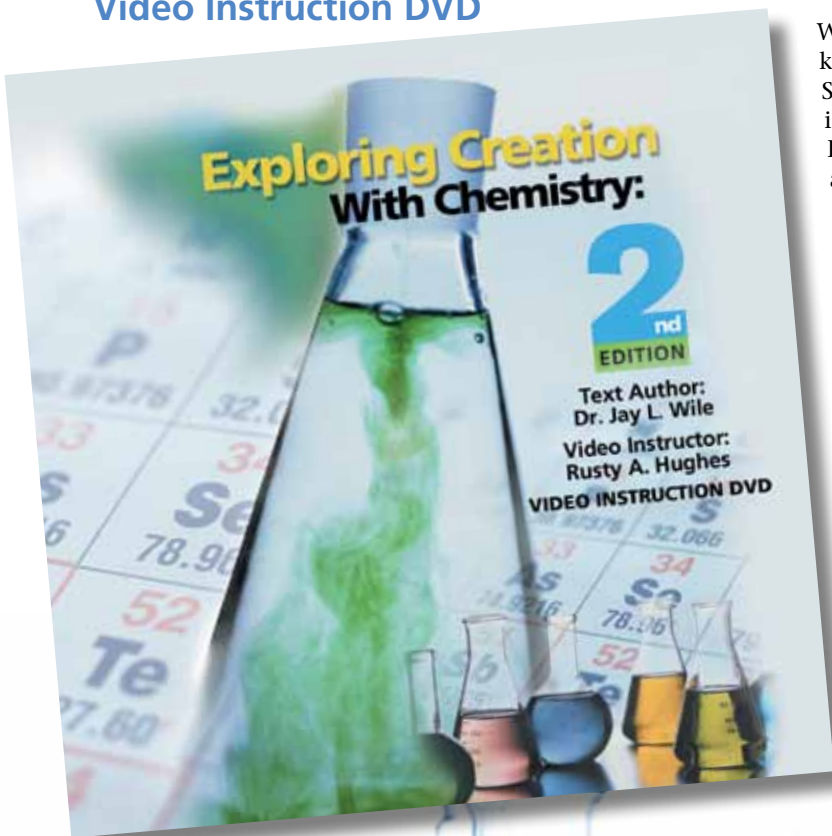


"Over the last two years, I have completed your Biology and Chemistry courses as well. I am pleased to say that your science books are the most interesting, enjoyable, and easy to use, and your illustrations are outstanding."
Student

EXPLORING CREATION WITH CHEMISTRY

Video Instruction DVD

NEW!



Want to help your teen with chemistry but you don't know a catalyst from a compound? The solution is simple! Supplement your student's studies with this outstanding instructional DVD. Apologia Academy instructor Rusty Hughes will win your teen over with the best explanations, analogies, and stories he's collected over his sixteen-year career as a high school chemistry teacher. Packed with more than thirty hours of instruction, this DVD also contains video presentations of every experiment from the Exploring Creation with Chemistry textbook so students will know what their results should look like before performing the experiment themselves. NOTE: To use this disc, you must have a DVD drive on your computer and a program capable of playing .wmv files. This amazing DVD contains:

- Lectures for each module
- Printable notes containing all math problems from the lectures
- Thirty hours of chemistry instruction
- All thirty experiments from the text on video

See Rusty's bio on page 66.

Instructor: Rusty Hughes

Format: DVD

\$125





EXPLORING CREATION WITH PHYSICS 2nd Edition

This college-prep course is designed for the student who has completed Algebra 1, Geometry, and has had an introduction to Trigonometry including the definitions of sine, cosine, and tangent. *Exploring Creation with Physics* provides a detailed introduction to the methods and concepts of general physics, heavily emphasizing vector analysis. The course provides the student with a strong background in units, measurement, one- and two-dimensional motion, Newton's laws and their application, gravity, work and energy, momentum, periodic motion, waves, optics, electrostatics, electrodynamics, electrical circuits, and magnetism. The second edition of our physics course includes several features that enhance the value of the course:

- High-quality full-color illustrations
- Additional practice problems and detailed solutions
- 50 percent more experiments
- Access to additional online resources for more advanced learners

Because of the differences between the first and second editions, students in a group setting cannot use both. They must all have the same edition.

This is a two-volume set. The high-quality hardcover student text contains all student material, study questions, laboratory exercises, and module study guides with color photos and illustrations. The softcover solutions-and-tests manual contains answers to module study guides, tests, and test solutions. A booklet containing an extra set of tests is shrink-wrapped with the manual.

LABORATORY EQUIPMENT: This course uses household items for all labs. A complete list is available in the text and at www.apologia.com.

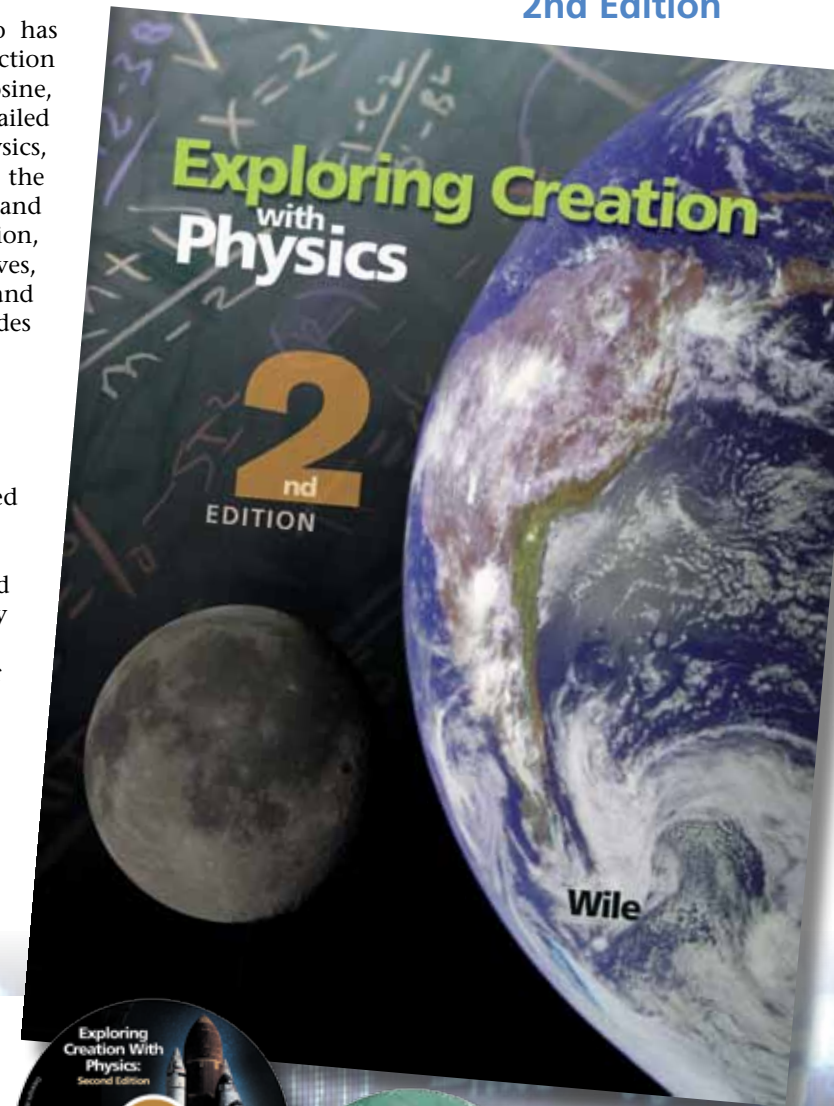
Author: Dr. Jay L. Wile

Format: Textbook with solutions manual

Prerequisites: Algebra 1, Geometry,
Beginning Trigonometry

Recommended Grade: 11

\$85



Full Course on 2 CD-ROMs: \$65

Companion CD-ROM: \$15

MP3 Audio CD: \$15



EXPLORING CREATION WITH MARINE BIOLOGY



This course focuses on marine wildlife and habitats, providing a survey of members of each biological kingdom that live in underwater environments. Students will learn about the microscopic organisms that make life in the ocean possible, and will also examine the anatomy of macroscopic marine creatures such as clams, starfish, and sharks. The student will discover how these creatures and their physical surroundings form marine ecosystems such as intertidal zones, estuaries, coral reefs, continental shelf communities, epipelagic communities, and deep-ocean communities. In order to take this course, students must have completed one year of high school biology. Although this is an advanced course, it does not help a student prepare for the AP biology exams. Marine biology is a specific field of biology not covered in the AP exams.

This is a two-volume set. The high-quality hardcover student text contains all student material, study questions, laboratory exercises, and module study guides with color photos and illustrations. The softcover solutions-and-tests manual contains answers to module study guides, tests, and test solutions. A booklet containing an extra set of tests is shrink-wrapped with the manual. This course contains many experiments, some of which require microscope equipment, while others require dissection equipment.

See Sherri's bio on page 49.

Author: Sherri Seligson

Format: Textbook with solutions manual

Prerequisites: Biology 1

Recommended Grade: 12

\$85



Full Course on 2 CD-ROMs: \$65

Companion CD-ROM: \$15

MP3 Audio CD: \$15



LABORATORY EQUIPMENT FOR MARINE BIOLOGY

This listing of lab equipment assumes that the student already owns a microscope and set of dissection tools. NOTE: If the student does not have the slide set from Apologia's first-year biology course, you will need to order two more slides: the diatoms slide and the hydra budding slide. These slides can be ordered directly from our lab supplier, Nature's Workshop Plus, at 1-888-393-5663.

PREPARED SLIDE SET (ITEM #131): \$50

- Dogfish placoid scales
- Foraminiferans
- Radiolarians
- Barnacle nauplius
- Crab zoea
- Crab megalops
- Dinoflagellates
- Cycloid scale
- Ctenoid scale
- Rotifers
- Nematodes



DISSECTION SPECIMENS (ITEM #132): \$52

- Non-living coral specimen
- Large dissecting tray for the shark
- Dissection Specimens:
 - » Clam
 - » Sea star (starfish)
 - » Dogfish shark
- Natural sponge
- Brine shrimp eggs
- Glowing light stick
- Dried sea fireflies



Sherri Seligson and her husband, David, live in Orlando and have been homeschooling their four children for thirteen years. After receiving her degree, Sherri worked as a marine biologist at The Living Seas in EPCOT Center at Walt Disney World. During this time, she completed research on shark behavior and was the first individual representing Walt Disney World to publish research in a scientific journal. Sherri has written several articles for marine-related magazines and, for the last fifteen years, has taught marine biology seminars and led field trips for public, private, and homeschooled students.

Sherri Seligson



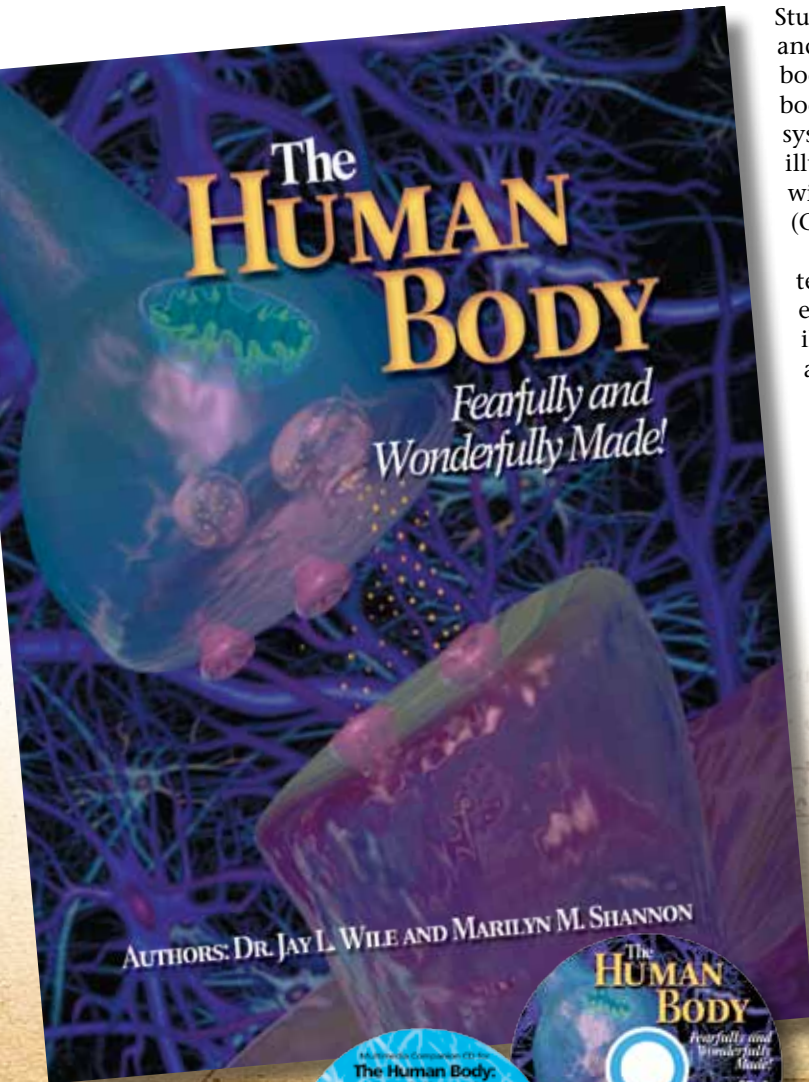
Joe Tyler and his wife, Zan, have been married for thirty-two years and homeschooled three children from kindergarten through high school. All attended college on a variety of academic, leadership, and athletic scholarships and now enjoy careers in sales, law, and media production. Joe and Zan began homeschooling in 1984. Since then Joe has been deeply involved in the homeschool movement, both through his own family and the homeschool community at large. He was a founding board member of the South Carolina Association of Independent Home Schools (SCAIHS) and currently serves as chairman of the SCAIHS board. Joe is also chairman of the board for Excelsior Academy, a large homeschool co-op. He has served as a church elder since 1984 and has taught Sunday school classes on parenting and marriage as well as Bible studies. During the past few years, he has spoken to homeschoolers in Japan, Hawaii, and at several state and local conferences. Joe has worked in project management for information systems divisions in major South Carolina companies for over thirty years. He currently serves as production manager at Apologia.

Joe Tyler





Advanced Biology THE HUMAN BODY Fearfully and Wonderfully Made!



Students must have completed one year each of high school biology and chemistry before taking this advanced biology course. This book covers both the anatomy and the physiology of the human body's eleven organ systems in detail. Please note the reproductive system is covered in detail, including frank (not pornographic) illustrations and descriptions. After taking this course, students will be prepared to take the AP (Advanced Placement) or CLEP (College Level Examination Program) test.

This is a two-volume set. The high-quality hardcover student text contains all student material, study questions, laboratory exercises, and module study guides with color photos and illustrations. The softcover solutions-and-tests manual contains answers to module study guides, tests, and test solutions.

Author: Dr. Jay L. Wile & Marilyn M. Shannon
Format: Textbook with solutions manual
Prerequisites: Biology & Chemistry
Recommended Grade: 12
\$85



"I am now taking college level Anatomy and Physiology, and let me tell you, you prepared me well! I took my very first college exam on Friday, which just so happened to be A+P, and, praise God, I got a 101% on it! I realized just how EASY college A+P is compared to what I am used to."
Student

Full Course on 2 CD-ROMs: \$65
Companion CD-ROM: \$15
MP3 Audio CD: \$15



LABORATORY EQUIPMENT for Advanced Biology: The Human Body

MICROSCOPE (ITEM #36): \$220

This National Optical-brand model 131 microscope is designed to meet or exceed high school teaching requirements, is ruggedly built, and includes all the teaching essentials plus popular "student-proofing" features. Optical system has a DIN wide-field 10x eyepiece, locked on, with rotating pointer. Objective lenses are 45mm DIN parfocal, achromatic, color-coded 4x, 10x and 40x, giving you magnifications of 40, 100, and 400 power. The built-in illuminator base comes with a 115V 20-watt bulb, heavy cord, and light switch. Both coarse-focus and fine-focus knobs are included. The slip clutch prevents damage to slides and objective lenses. The large 110mm x 120mm stage is acid- and reagent-resistant. The stage has a built-in condenser lens and 5-hole disc diaphragm. Stage clips are locked on and spring mounted for ease of use. The microscope is 13¾ inches in height and weighs 7 lbs.; the base is 5 x 7½ inches. This is a high-quality scope deserving of its popularity.



This listing of lab equipment assumes that the student already owns a microscope and set of dissection tools. If you must make a choice of equipment to purchase, the most important item is the anatomy coloring book.

SLIDE SET (ITEM #79): \$68

The slide set includes:

- Blood smear
- Mouth, epithelial cells
- Striated muscle
- Heart muscle
- Cerebrum
- Tonsil with lymph nodes
- Lung
- Skin
- Skin with T.S. hairs
- Stomach
- Red bone marrow
- Testis
- Salivary gland
- Spermatazoa
- Bone tissue
- Liver tissue
- Blood typing kit



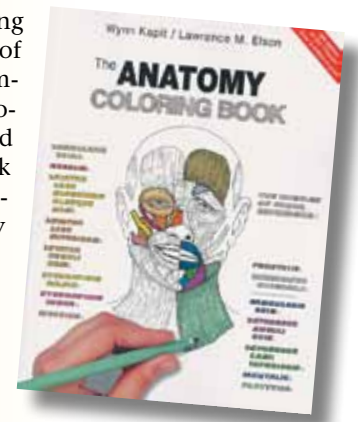
DISSECTION SPECIMENS (ITEM #80): \$32

The dissection specimens set includes:

- Cow Eye
- Cow Heart
- Fetal Pig (9–11 inches)

THE ANATOMY COLORING BOOK, 3rd Ed. (ITEM #81): \$22

This is not a child's coloring book! Use of this book is one of the best ways to learn and memorize anatomical details and nomenclature. Many college and medical students use this book in their study of human anatomy. A must-have for anatomy students!

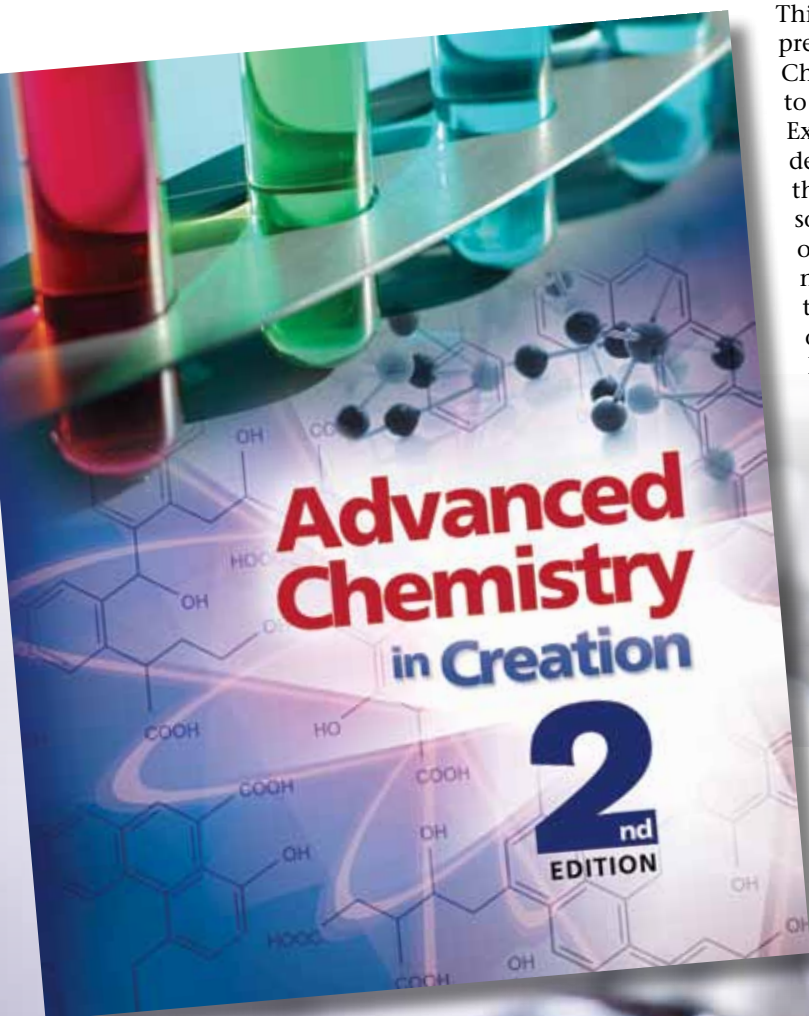


ORDERING INDIVIDUAL COMPONENTS

We have worked hard to provide you with a quality equipment set at a very low price. If you wish to order only specific pieces of a kit, please contact our equipment supplier, Nature's Workshop Plus, directly at:

Nature's Workshop Plus!
PO Box 425
Danville, IN 46122
Phone: (888) 393-5663
www.workshopplus.com

ADVANCED CHEMISTRY IN CREATION 2nd Edition



This chemistry course is designed to be taken after a college-preparatory chemistry course such as Exploring Creation with Chemistry. When both courses are taken, the student is prepared to take the AP (advanced placement) or CLEP (College Level Examination Program) chemistry exam. The course includes detailed discussions of stoichiometry (with limiting reactants), thermodynamics, kinetics, acids and bases, redox reactions, solutions, atomic structure, orbital hybridization, molecular orbitals, molecular geometry, chemical equilibrium, and nuclear chemistry. The student also receives an introduction to organic chemistry, focusing on the major functional groups, organic nomenclature, and polymer chemistry. There are 28 hours of laboratory exercises in the course, including the rate of an iodine clock reaction, distillation, chromatography, the common ion effect, measuring pH changes in a buffer, the electrolysis of copper sulfate, polymerization experiments, and the hydrolysis of sucrose.

This is a two-volume set. The hardcover student text (color illustrations) contains all student material, study questions, laboratory exercises, module study guides, and extra practice problems. The softcover Solutions and Tests Manual contains answers to module study guides, solutions to the extra practice problems, module tests, quarterly tests, and solutions to all the tests. A booklet containing an extra set of module tests is shrink-wrapped with the manual.

Author: Dr. Jay L. Wile

Format: Textbook with solutions manual

Prerequisites: Chemistry and Algebra 2

Recommended Grade: 12

\$85

CHEMISTRY LAB SET (ITEM #34): \$55

The laboratory equipment required for this course includes the following items: 5 dropper pipets, 5 plastic test tubes, 5 plastic test tube caps, copper strip (wire), zinc strip (wire), 9-volt battery cap, filter paper, starch packing peanuts, 10 cotton swabs, small funnel, chemical scoop, depression plate, test-tube rack, pH chart, chromatography paper, and safety goggles.

Chemicals found in this kit: Ammonium chloride, cobalt chloride, copper sulfate, ferric ammonium sulfate, lime water (calcium hydroxide solution), phenolphthalein solution, polyvinyl alcohol adhesive, potassium iodide solution, sodium borate (borax), sodium carbonate, sodium ferrocyanide, sodium sulfate, sodium thiosulfate, naphthalene, calcium chloride, and universal indicator solution.





ADVANCED PHYSICS IN CREATION

Students must have completed one year of high school physics and pre-calculus before taking this advanced physics course. This course should prepare students to take the AP (Advanced Placement) or CLEP (College Level Examination Program) test. The course covers kinematics, dynamics, rotational motion, gravity, oscillations, waves, optics, thermal physics, electrical forces, electrical potential, DC circuits, magnetic forces, atomic physics, and nuclear physics. The student is also given an introduction to the fascinating topics of special relativity and general relativity.

This is a two-volume set. The high-quality hardcover student text contains all student material, study questions, laboratory exercises, and module study guides with photos and illustrations. The softcover solutions-and-tests manual contains answers to module study guides, tests, and test solutions.

LABORATORY EQUIPMENT: None. This course uses household items for all labs. A complete list is available in the book and at www.apologia.com.

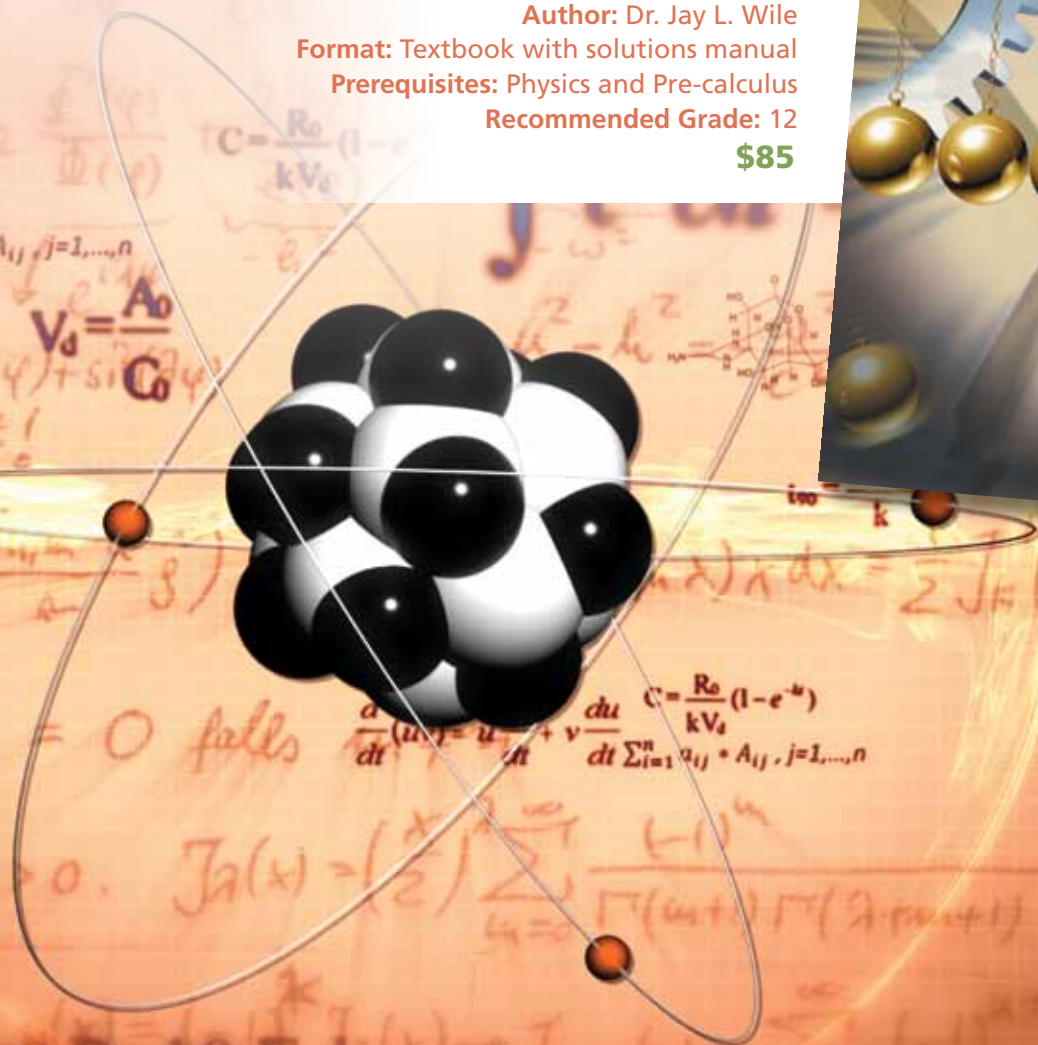
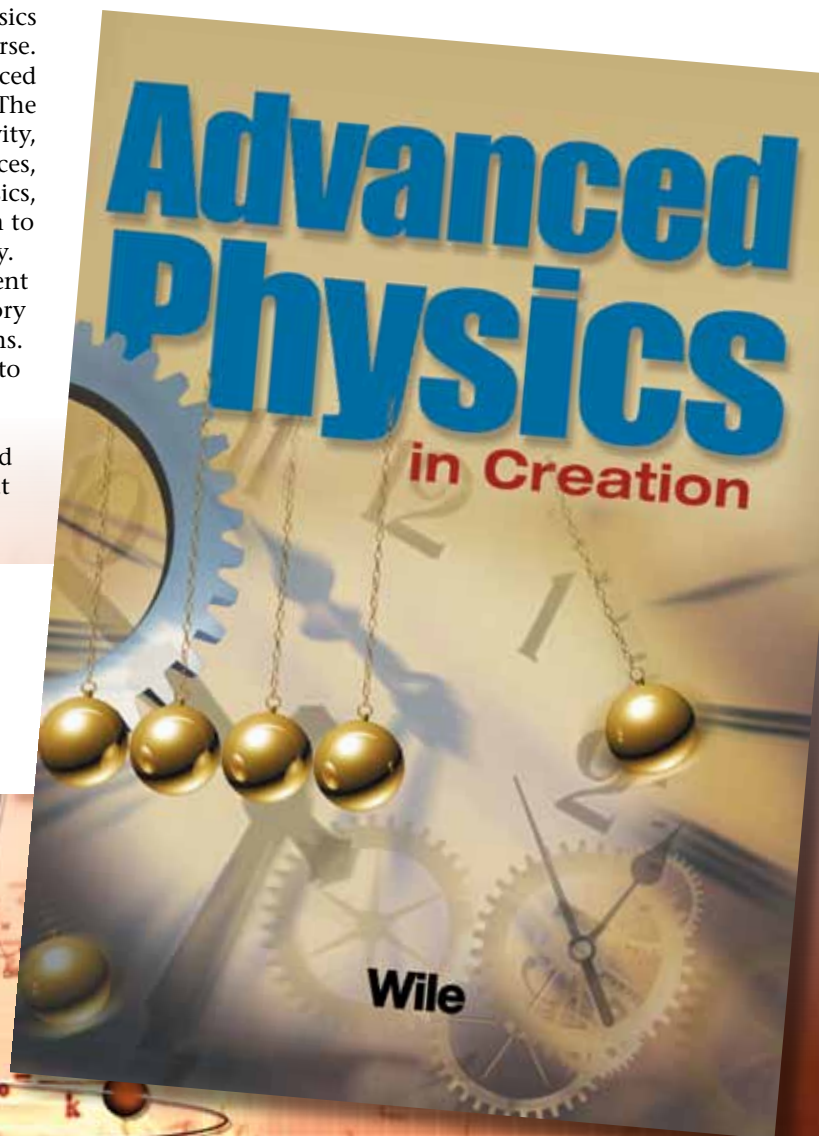
Author: Dr. Jay L. Wile

Format: Textbook with solutions manual

Prerequisites: Physics and Pre-calculus

Recommended Grade: 12

\$85





APOLOGIA SCIENCE ON CD-ROM

Different students have different learning styles. That's why Apologia provides a variety of format options for most of our secondary science courses. Here's a handy guide for choosing the format that's right for you.

IF YOU:	THEN YOU SHOULD CHOOSE:
Prefer to curl up in a chair and make notes on the page	Textbook
Enjoy working on the computer or prefer reading from the screen	Full-course CD
Want to use the book format but would also like the multimedia extras	Textbook + companion CD
Are an auditory learner or need some reading assistance	Full-course CD + audio CD or Textbook + audio CD

FULL-COURSE CD-ROM

This version of our science courses contains all of the text and information found in the print version of each course, PLUS multimedia add-ons such as animations, videos, narrations, and audio pronunciation guides. Study guides and tests found on the second CD are to be printed out for students to answer on paper. Answers are available to parents on the second CD for manual grading. The CD-ROM courses use a web browser but do not access the Internet. Everything you need is contained on the CDs. These are complete courses, not a supplement, and replace the printed textbook.

COURSE TITLE:	DESCRIPTION OF MULTIMEDIA CONTENT:
General Science	Animations of figures, videos including microscopic life and time-lapse plant growth, audio pronunciation guides
Physical Science	Animation of figures, narrated white-board animations of example problems, videos, audio pronunciation guides, videos of weather phenomena such as tornados, volcanoes, slow-motion lightning strikes
Biology	Animations of figures, videos including live micro-organisms, audio pronunciation guides
Chemistry	Animation of figures, narrated white-board animations of example problems, videos, audio pronunciation guides, lab demonstration videos for experiments not in the text, a song about the elements of the Periodic Table
Physics	Animations of figures, narrated white-board animations of example problems, videos, audio pronunciation guides, demonstration videos for experiments not in the text
Marine Biology	Animations of figures, underwater videos of marine life, audio pronunciation guides
Advanced Biology	Animation of human anatomy and models, videos of experiments (including a human cadaver dissection), audio pronunciation guides

COMPANION CD-ROM

This product contains the multimedia add-ons found on the full-course CD-ROM but excludes the text of the course. This product is for those who want to use a printed textbook but are interested in the extras that can be found on the CD-ROM. The videos and animations are viewed using a browser interface. Like the full-course CD-ROM, this CD-ROM does not use the Internet. This product is NOT a replacement for the textbook.

AUDIO CD

The audio CD versions of our science courses are complete audio recordings of the books. Each CD contains the text portion of each course and the study questions but does NOT contain the laboratory experiments, study guides, tests, or test solutions. The CD is a perfect accompaniment to the book for students who are auditory learners, slow readers, or who have a learning disability that makes reading difficult. Your CD player or computer CD-ROM drive MUST be MP3 compatible.



COURSE SEQUENCING

Knowing which science courses to offer your student at the secondary level and when to offer them can seem difficult. In reality, course sequencing for junior high and high school isn't that hard when you know one important fact: A student's mathematics level is the key factor for his or her success or failure in the high school sciences. If you make sure that your child is well prepared mathematically for the science course he or she will take, you will have gone a long way toward assuring your student's academic success.

Here is our recommended timeline for science courses:

GRADE	NOT SCIENCE ORIENTED	SCIENCE ORIENTED	MATH PREREQUISITES
7	General Science	General Science	None
8	Physical Science	Physical Science	7th grade math
9	Biology*	Biology	None
10	Chemistry*	Chemistry	Algebra 1
11	Physics*	Physics	Algebra 1, Geometry, basic Trigonometry functions
12	*	Adv. Biology or Adv. Chemistry or Adv. Physics or Marine Biology	None Algebra II Pre-calculus None

* An asterisk indicates that these 3 courses can be spread over 4 years for the student who is not science-oriented.

Your student's math level should drive this time line, especially if the student is science-oriented. When the student begins Algebra 1, that's when Biology begins.

Even if your student is not science-oriented, he or she will benefit from exposure to Biology, Chemistry, and Physics. You never know when a lifelong interest may be sparked!

"When researching available materials for a homeschool science curriculum, and after a serious review of ten finalists, our daughter selected Apologia. We asked what led to her decision, and she told us that the course covered a wide cross-section of subjects and provided hands-on experiments. We agreed with her that she had chosen the best value for the dollar. Today, she has completed the first course. What a fire it has ignited in her! We often hear that girls either do not do well in science or that they are not interested in science. Apologia has proven both these assumptions wrong. Thank you for producing such an excellent and godly science curriculum."

Parent

SYSTEM REQUIREMENTS FOR CD-ROMS

Apologia CD-ROMs are fully tested, and technical support is available for Windows 98SE and greater (XP, Vista, and Windows7). Apologia does not offer technical support for this product on the Macintosh or Linux platforms. However, the CD-ROMs have been fully tested on Mac OSX and higher and Linux running KDE or Gnome. Please see the read-me file on the root and .exe directories of each CD-ROM for further information.

You must have the following to use the Full Course or Multimedia Companion CDs:

- Drive capable of reading CD-ROMs (DVD drives can read CD-ROMs)
- Mouse or pointing mechanism
- Sound card
- Video/sound compression installed (part of Windows)





Marilyn Durnell

Marilyn Durnell and her husband, Stan, began homeschooling their last seven children in 1982. For many years, Marilyn taught elementary and secondary science and math to groups of homeschooled children, and in 1977 she founded a private Christian school. In 1998, she coauthored with Dr. Jay L. Wile the first edition of *Exploring Creation with Biology*. Marilyn holds a degree in medical technology from the Indiana University School of Medicine and is a member of the American Society of Clinical Pathologists. In 2002, 2004, 2006, and 2007, Marilyn was recognized in *Who's Who Among America's Teachers*.

Marilyn Shannon

Marilyn McCusker Shannon and her husband, Ron, are the homeschooling parents of nine children. Marilyn holds a Master's in human physiology from Indiana University's Medical Sciences Program. Since 1983, she has taught human anatomy and physiology at the college level. She is also the author of *Fertility, Cycles and Nutrition*, now in its third edition. The Shannon family's love for biology is practical—they live on a small farm where they keep a large garden and a herd of dairy goats, as well as sheep, chickens, and bees. The children are very active in 4-H, for which Marilyn is a local leader and board member. Marilyn is the co-author of *The Human Body: Fearfully and Wonderfully Made!*

Dr. Jay Wile

Jay Wile fell in love with chemistry when his parents bought him his first chemistry set. Many stink bombs and a few explosions later, he was hooked! He attended the University of Rochester to study chemistry and, while there, became fascinated with nuclear chemistry, eventually earning a Ph.D. in that field. For several years, he did research under the auspices of the Department of Energy and the National Science Foundation while serving as an assistant professor of chemistry. Dr. Wile has won many awards for excellence in teaching and research. In addition, he has authored or co-authored nine books.



THANK YOU FOR MAKING APOLOGIA #1

Readers of *Practical Homeschooling* have once again voted Apologia Science curriculum the best for homeschoolers of all ages. For more than 15 years, the authors and staff of Apologia have partnered in home education with families like yours, and it's our joy to serve you by publishing curriculum, books, and resources of the very highest quality.



Elementary Science



High School Science



Middle School Science



Creation Science



Frequently asked Questions

Does it really matter in which order we do the elementary courses?

For each elementary subject, you may choose your topic of interest—astronomy, botany, or zoology—and do them in any order you wish. If you would like your child to study zoology, we recommend starting with Zoology 1 because it contains terms that will be used in Zoology 2 and 3. However, if a parent has a general knowledge of life science and you do the zoology books out of order, the parent can just explain these terms as they're encountered.

Does your full course CD-ROM read the material to the student?

No, but there are programs that you can download that will allow you to select text on the computer and have it read to you. We have links to some on our website. In addition, keep in mind that our course audio MP3 CDs do read the course content to you, minus the experiments, figures & tables, and end-of-module questions.

Can the first edition book be used with the second edition audio?

No, the second-edition books and all associated CD products are different from the first-edition material.

How much algebra is needed for chemistry?

To be successful in chemistry, a student needs to be extremely proficient at using algebraic equations to solve for an unknown variable. Typically, this proficiency is achieved by the time a student has completed one year of an algebra course. Pre-algebra does not qualify as fulfilling this prerequisite.

What course should I use for my student?

See page 55 of this catalog for course sequencing information. Also, here are a couple of additional guidelines: You know your student and his/her abilities best. Our courses do not have science prerequisites until you reach Marine Biology and other advanced courses. It's okay to start right in with Biology, Chemistry, or Physics if your student is ready for that course. As always, we're happy to discuss your individual situation with you and make a recommendation for course placement. Just call the Apologia Help Line at 1-765-608-3280.

What books and equipment will I need?

Our elementary courses come as a single inclusive hardcover book. Also, we offer optional Notebooking Journals for these courses. There is no lab kit required as all of the student activities in the elementary courses (except Human Anatomy) use common household items. Our secondary courses (General Science and up) come as two-book sets that include a hardcover student text and a softcover solutions-and-tests manual. The course price includes both books, and these are all you need in terms of curriculum. Lab equipment comprises household items or a pre-selected set that you purchase. The required lab equipment for each course is described throughout this catalog.

How much should my student do each day in your secondary courses?

We chose not to include daily lessons in our curriculum in order to allow each student to work at his or her own pace. However, many students find the following program works for them: Each book includes 16 modules. If you work through each module in two weeks, you will complete the course in 32 weeks, which fits nicely into a typical school year. To break it down further, if you do science every day for five weekdays, you will have ten work days available every two weeks. Do the reading, the "on your own" problems, and experiments the first seven days, then review and do the study guide (review questions + practice problems) on days eight and nine, and take the test on day ten. Flex this schedule, when necessary, to work on harder concepts, review problem areas, or to move faster through the curriculum. Remember, it's okay to do it differently—that's the beauty of homeschooling! An online resource you might find helpful is www.donnayoung.org, where you can find free lesson schedules, tips, and worksheets. Donna Young is not affiliated with Apologia.

Do I have to do the lab experiments?

Laboratory experiments, properly done, help to reinforce concepts learned through reading. They are also especially helpful for the student who learns best by doing. However, they are not absolutely necessary. Scientific concepts can be learned without doing labs at this level of learning. On the other hand, students who intend to go to college will need the lab credits for college admission. Once again, this is one of the perks of homeschooling—you decide what is best for your student. We have included labs designed specifically so that you can do them at home with minimal equipment, and they are written to make them easy to do or even skip, if you so choose.

I don't know anything about chemistry (or physics or biology). How can I possibly do high school science at home with my student?

We wrote this curriculum just for you and your student. It is designed with the idea that the student is pretty much on his or her own with the course. This means that all of the explanation a teacher would normally give orally in class has been included in the book, step by step. This is why the course is written conversationally, to make the student feel like someone is speaking directly to him or her. If you want to work with the student and work through the course too, that's great.

We have additional and optional resources available to help your student including video instruction DVDs (page 46), recorded classes on DVD (page 68), and Apologia Academy's live online classrooms (pages 59–68).

If questions come up that you can't answer, we provide a free question-and-answer service. There's information in the front of the student textbook telling you how to reach us. You can also find answers to your questions, and more, online at www.apologia.com.



Online
Courses



Building a Strong Foundation

A recent television documentary I watched included an interesting segment on tornado- and hurricane-proofing homes. This intrigued me since I thought this was practically impossible. They built two homes in a gigantic wind tunnel and turned on the fans. You can guess the rest of the story: One home was blown to pieces, while the other was left standing. Why was one home virtually untouched by the tornado-force winds? Was it concrete walls or a high-tech superstructure? No. The difference-makers were simple metal straps used to bolt the roof to key areas of timber throughout the house. I was a little disappointed at first that the answer wasn't some kind of James Bond gadget or super-secret technological marvel. Just metal straps you can purchase at most hardware stores. That's it.

This brought to mind the Parable of the Two Builders from Matthew 7:21–28. The story told by Jesus explains how the wise man dug deep into the ground until he found solid rock on which to lay the foundation for his house. The foolish man, on the other hand, didn't bother laying a strong foundation and was satisfied to build his home on the sand. Again, you know the rest of the story. But what is the message behind the story? Simply this: Obeying the Word of God—not just hearing or reading it—is the equivalent of the metal strap.

Like the home that is protected by laying a foundation and securing the roof to the walls with tornado straps, so our lives can withstand the inevitable storms of life through hearing and obeying the Word of

God. Sounds easy, right?

It's also something of a Christian cliché, and we easily become complacent as a result of hearing common Christian phrases but not fully understanding what they mean in a practical sense. How can we truly obey God's Word? How do we actually "walk with Christ"?

You probably have already taken the first step: You are a born-again Christian with a desire to raise your family in a godly home. You have chosen to make Jesus Christ the foundation on which to build your life and your home. Now you need to reinforce the structure of your life and home to keep you firmly planted through good times and bad. You do this by obeying the Word of God. Some may think the "metal strapping" in this case is reading and studying the Word. Although these are of primary importance, reading and studying alone won't "tornado-proof" your life against sin and false teaching. You must also act on what you have read and studied.

For example, every Christian is called to be ready to make a defense of his or her faith (Philippians 1:7, 17; 1 Peter 3:15). Yet a working knowledge of apologetics is distressingly lacking in much of the Christian church and the lives of today's believers. The word apologetics





is derived from the Greek word *apologia*, which means “to defend” or “to make a defense.” This means you are called to give reasonable answers to questions regarding Christianity when speaking with non-believers (or anyone, for that matter). This does not mean you’re required to go to seminary or earn a Masters of Divinity degree, but it does mean that you should be ready and willing to give sound reasons for your beliefs.

Our Mission

Apologia Academy is committed to providing products, resources, and services that help homeschool families learn, live, and defend the Christian faith. We offer online courses in apologetics for junior high and high school students—as well as adults—to provide the next generation with rational grounds for believing the truth claims of Christianity and to respond to objections raised against the true knowledge of God (2 Corinthians 10:3-5). Learning to defend the Christian faith is a great way for young people to put their faith into action and become doers of the Word (James 1:22)!

In addition, Apologia Academy offers college-preparatory programs in basic and advanced sciences, Bible, and Christian worldview through a dynamic virtual-classroom experience that combines Apologia’s acclaimed curriculum and experienced teachers with the latest technology. Apologia Academy’s unique virtual classrooms effectively unite the benefits of teacher-led, real-time instruction with the advantages of highly convenient and multimedia-rich Internet delivery. Your family can choose to participate in live classes delivered to your computer or listen to the recorded sessions at your convenience. In our live classes, students can ask questions in real time while interacting with the teacher and other students. However you choose to view our courses, Apologia Academy’s virtual-classroom environment will provide your student with an unparalleled overall learning experience.

Larry Blythe

“An awesome experience! I couldn’t wait for the next class. I cannot recommend Apologia Academy enough. Please go and check it out!”

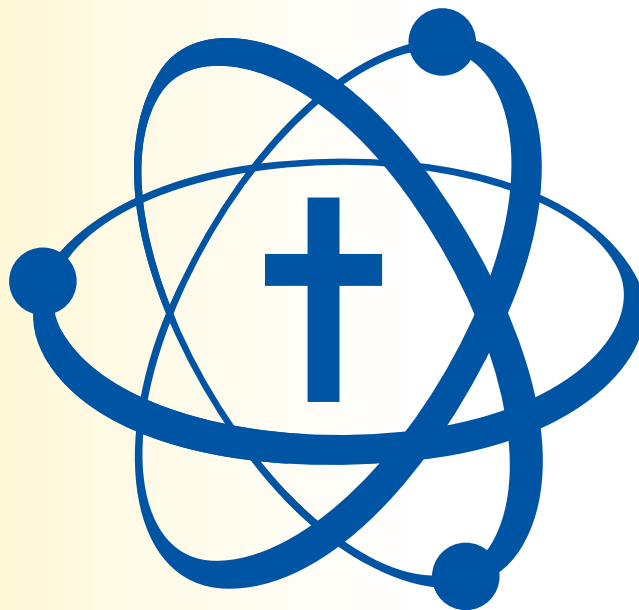
Student

About Our Online Classes

Apologia Academy offers college-preparatory programs in basic and advanced sciences, Bible, apologetics, and Christian worldview through a dynamic virtual-classroom experience that combines Apologia’s acclaimed science curriculum, outstanding Bible and apologetics curriculum, and experienced Apologia teachers with the latest technology.

Our unique virtual classrooms effectively unite the benefits of teacher-led, real-time instruction with the advantages of highly convenient and multimedia-rich Internet delivery. Apologia Academy gives your family the choice of live classes delivered to your computer or recorded sessions that can be listened to at your convenience.

In the live classes, students may ask questions in real time while interacting with the teacher and other students. Combined with the best creation-based science, Bible, apologetics, and Christian worldview curriculum in the industry, Apologia Academy’s virtual classroom environment will provide your student with an unparalleled overall learning experience.





Science Classes

Apologia science curriculum is built on a creationist foundation. These are not secular courses with a few Scripture verses thrown in. The view of God as the Master Designer of the wonders we see around us is integral to each course. In addition, we cover topics relevant to the Christian life. For example, the historical accuracy of the Bible is discussed in *Exploring Creation with General Science*; age-of-earth theories are discussed in *Exploring Creation with Physical Science*; the creation-versus-evolution controversy is discussed in *Exploring Creation with Biology*; the incredible design of the atmosphere is discussed in *Exploring Creation with Chemistry*; and the amazing design of the human eye is discussed in *Exploring Creation with Physics*. Apologia Academy will offer the following courses in the 2011–12 academic year:

EXPLORING CREATION WITH GENERAL SCIENCE

This course is designed for seventh-grade home-educated students, although it can be used with eighth-graders as well. This class is designed to be a student's first systematic introduction to science. We will cover such topics as the scientific method, designing experiments, simple machines, archaeology, geology, paleontology, biology, human anatomy, and physiology. Students who have limited experience with comprehensive written exams that require mastery of course material might find this course particularly challenging. However, the study skills required for this course are essential for success in high school and beyond. Students must complete 20–25 pages of reading per module, one set of study guide questions per module, one experiment report per school quarter, experiment activities in a laboratory report notebook, and an online test at the end of each module. There will also be an online semester exam at the end of the first and second semesters.

Text: *Exploring Creation with General Science, 2nd Edition*

Prerequisite: None

EXPLORING CREATION WITH PHYSICAL SCIENCE

This course is designed to be the last the student takes before high school biology. Following the Apologia text of the same name, the course studies such topics as the atmosphere, the hydrosphere, weather, the structure of the earth, environmentalism, the physics of motion, gravity, Newton's laws, light, sound, and astrophysics. This course is excellent preparation for the rigors that await the student in biology, chemistry, and physics.

Text: *Exploring Creation with Physical Science, 2nd Edition*

Prerequisite: 7th grade math

EXPLORING CREATION WITH BIOLOGY

This is a college-preparatory high school biology course, which provides a general survey of the five taxonomic kingdoms and covers the following topics: classification, the definition of life, features of the organisms in each kingdom, an introduction to biochemistry, cell structure and function, cellular reproduction, DNA, protein synthesis, cellular respiration, and genetics. The course employs experiments designed to be done at home. Students perform approximately 20 lab activities per year. Labs include simple experiments using household items and four dissection experiments using a purchased dissection kit. Students have the option of performing microscope labs using a sophisticated microscope and associated equipment, but these are optional lab activities. Students must complete 20–25 pages of reading per module, one set of study guide questions per module, one experiment report per school quarter, module experiment activities in a laboratory report notebook, and an online test at the end of each module. There will also be an online semester exam at the end of the first and second semesters.

Text: *Exploring Creation with Biology, 2nd Edition*

Prerequisite: None



EXPLORING CREATION WITH CHEMISTRY

This course is a first-year high school course that gives students a rigorous foundation in chemistry, preparing them for college-level work. The class covers the following topics: nomenclature, significant figures, units, classification, molar calculations, stoichiometry, thermochemistry, thermodynamics, kinetics, acids and bases, redox reactions, solutions, atomic structure, Lewis structures, molecular geometry, gas laws, and equilibrium. The course contains 31 experiments which can all be performed at home with household chemicals. Formal lab reports will be required.

Text: *Exploring Creation with Chemistry, 2nd Edition*

Prerequisite: Algebra 1

EXPLORING CREATION WITH PHYSICS

This college-preparatory physics course offers a detailed introduction to the methods and concepts of general physics, providing the student with a strong background in units, measurement, one- and two-dimensional motion, Newton's laws and their application, gravity, work and energy, momentum, periodic motion, waves, optics, electrostatics, electrodynamics, electrical circuits, and magnetism. The course includes approximately 30 hours of laboratory work, including study of velocity, acceleration, free fall, two-dimensional motion, torque, Hooke's Law, periodic motion, and the Law of Reflection. The lab work (which can be done using household products) also includes making and using an electroscope and determining whether a substance is diamagnetic, paramagnetic, or ferromagnetic.

Text: *Exploring Creation with Physics, 2nd Edition*

Prerequisites: Algebra 1, Geometry, Beginning Trigonometry

EXPLORING CREATION WITH MARINE BIOLOGY

This course concentrates on marine wildlife and marine habitats and provides a survey of members of each biological kingdom that live in marine environments. The student will learn about the microscopic organisms that make life in the ocean possible, their habits, and their life cycles. The student will also explore the anatomy of macroscopic marine creatures such as clams, starfish, and sharks. Students perform approximately 31 lab activities at home. Labs include simple experiments using household items, three dissection experiments using a purchased dissection kit, and microscope labs using a sophisticated microscope and associated equipment. Students must complete 20–25 pages of reading per module, one set of study guide questions per module, one experiment report per school quarter, module experiment activities in a laboratory report notebook, and an online test at the end of each module. There will also be an online semester exam at the end of the first and second semesters.

Text: *Exploring Creation with Marine Biology*

Prerequisite: 1st year Biology

ADVANCED BIOLOGY: THE HUMAN BODY

This is our advanced biology course. Combined with *Exploring Creation with Biology*, it gives the student the equivalent of a university biology course. In other words, these two courses together cover the entire advanced-placement (AP) curriculum.

It covers both the anatomy and the physiology of the human body's eleven organ systems in detail.

Text: *The Human Body: Fearfully and Wonderfully Made!*

Prerequisites: Biology and Chemistry

ADVANCED CHEMISTRY IN CREATION

In order to take this course, the student must have already had one year of high school chemistry. When added to our first-year course, this course provides the student the equivalent of the first year of college chemistry. The course covers detailed descriptions of limiting-reagent stoichiometry, atomic and molecular orbitals, intermolecular forces, solutions, equilibria, acids and bases, redox reactions, nuclear chemistry, and organic chemistry.

Text: *Advanced Chemistry in Creation, 2nd Edition*

Prerequisites: Chemistry and Algebra 2

ADVANCED PHYSICS IN CREATION

In order to take this course, a student must have already completed a high school physics course, preferably *Exploring Creation with Physics*. When added to that first-year course, this course provides the student the equivalent of one year of university-level physics. The course provides detailed descriptions of kinematics, dynamics, rotational motion, gravity, oscillations, waves, optics, thermal physics, electrical forces, electrical potential, DC circuits, magnetic forces, atomic physics, and nuclear physics. The student is also given an introduction to the fascinating topics of special relativity and general relativity.

Text: *Advanced Physics in Creation*

Prerequisites: Physics and Pre-Calculus



Bible, Apologetics, and Worldview

All courses in this area are designed for grades 7–12 and adults unless otherwise noted. In some courses, students in grades 7–8 have the option of choosing a smaller, less comprehensive syllabus. Adult students will have all privileges that junior and senior high students enjoy.

Apologia Academy offers the following two-semester (full-year) courses. NOTE: Not all courses will be offered every year. Check the latest schedule online at www.apologiaacademy.com.

APOLOGETICS 101

SEMESTER 1: INTRODUCTION TO APOLOGETICS

This course is a survey of the evidences for the central truths of Christianity, the existence of God, the deity and resurrection of Christ, and the authority and truth of the Bible. The evidence for truth, God, and the Bible will be examined in logical order and in a simple, non-technical, engaging style.

SEMESTER 2: WHEN CRITICS ASK **NEW!**

Peter urged believers, “Always be ready to give a defense to everyone who asks you of the reason for the hope that is in you” (1 Peter 3:15). We need to be prepared with answers for those who criticize or question God’s Word. In this course you will learn how to defend the authority and inspiration of Scripture, from Genesis to Revelation.

ADVANCED APOLOGETICS

SEMESTER 1: CREATION VS. EVOLUTION

Has science finally discovered God? Why is the creation-versus-evolution debate so important? Why should all Christians be prepared to answer skeptics? Do the latest scientific discoveries form a solid basis for believing in God, or do they prove He does not exist? In this advanced online/live apologetics course, students will learn how new discoveries in cosmology, cellular biology, astronomy, physics, and DNA research point to an incredible complexity best explained by the existence of a Creator. Fossil records and other scientific discoveries that contradict evolution will be discussed. Part 2 consists of “Creationist Apologetics.” Students will cover the most common criticisms of Intelligent Design and Creation teachings and learn how to refute the arguments.

SEMESTER 2: CREATIONIST APOLOGETICS

Students will cover the most common criticisms of Intelligent Design and Creation teachings and learn how to refute the arguments.

INTRODUCTION TO WORLDVIEWS

SEMESTER 1: WORLDVIEWS VS. THE CHRISTIAN WORLDVIEW

Students will learn to clearly understand ideas and forces that are shaping our times. They will learn the truths associated with the Christian worldview and how they compare with the beliefs and practices of other leading worldviews of our day, including Islam, Secular Humanism, Marxism, New Age, and Postmodernism.

SEMESTER 2: COUNTERING THE CULTURE

Students will be equipped to take a reasoned stand for biblical principals in the community, the classroom, and the workplace. Focusing on the ideas of secular humanism, neo-Marxism, and New Age, they will discover how biblical Christianity serves as the only solution to the troubling trends in our culture. This class will prepare your student for life on a college campus.

WORLD RELIGIONS, CULTS, & ISLAM **NEW!**

SEMESTER 1: WORLD RELIGIONS & CULTS

This is a survey of world religions, major cults, and other doctrines that challenge the historic Christian faith, including new religious movements. Students will be trained to defend the exclusive truth of Christianity as they study the basic beliefs of major cults and world religions followed by biblical critique.

SEMESTER 2: ISLAM—JIHAD OR JESUS?

Students will learn why Islam has grown to become the second-largest religion in the world. This course will examine the Qur’an, Mohammad, Mecca, the history of Islam, and how Christians should respond to Muslims. Emphasis will be on how to answer Islamic criticisms of the Bible and Christianity and how to share the gospel with Muslims.



PHILOSOPHY & LOGIC

SEMESTER 1: INTRODUCTION TO PHILOSOPHY

To understand our culture today, students need to know the ideas espoused by ancient thinkers like Plato and Aristotle, Christian philosophers like Augustine and Aquinas, and molders of modern thought such as Kant and Nietzsche. This course will reveal the influence their ideas have had on world events, theology, and our everyday lives. NOTE: Although junior high students can take this course, it is better suited for students from 9th grade through adult.

SEMESTER 2: INTRODUCTORY LOGIC

Students will develop critical thinking skills while learning to think logically in all areas of life and study. Students will learn to define terms, recognize basic types of statements, use syllogisms, and identify fallacies.

DISCOVERING THE BIBLE

SEMESTER 1: GENERAL INTRODUCTION TO THE BIBLE

Most Christians understand that the Bible they hold in their hands is the inspired Word of God. Yet very few have an understanding of the origins of the Bible. The purpose of this class, therefore, is to show how the Bible came to be and why it can be accepted as the unerring, authoritative Word of God.

SEMESTER 2: HERMENEUTICS

This semester will focus on how to properly understand and interpret the Bible. Many Christians are unaware that there is a science and art to interpreting and applying the Word of God. Students will learn to approach the text of Scripture with specific rules or principles to assist them in properly applying God's Word to their lives and avoiding misinterpretations.

KNOWING THE BIBLE

SEMESTER 1: OLD TESTAMENT SURVEY

The world of the Old Testament can seem hard to understand, especially for people living in times and places so far removed from the ancient Middle East. This course will bring the Old Testament alive, helping students to know and appreciate God's revealed Word. This is a "survey" class, which means students will gain a general understanding of the Old Testament and not a detailed study of each book.

SEMESTER 2: NEW TESTAMENT SURVEY

Along with a book-by-book study of the New Testament, this semester includes a chronological study of the life of Christ, a look at political forces and ideologies of the first-century Roman world, and a glimpse into the inter-testament period. To clarify the order and pattern of the New Testament, this course will link each epistle to its historical base, the book of Acts.

A HISTORY OF CHRISTIANITY

SEMESTER 1: THE 100 MOST IMPORTANT EVENTS IN 2000 YEARS

From the burning of Rome in Nero's time to the twenty-first century, this course highlights the major people, events, and ideas that have shaped the church. Students and adults will gain a unique perspective perhaps never before considered as the mighty hand of God is seen throughout history.

SEMESTER 2: THE LIFE OF CHRIST

The life of Jesus Christ on earth will be studied thematically and chronologically in the light of its historical background, geographical setting, political situation, and religious conditions. Attention will also be given to current issues relating to the "historical Jesus" debate, *The Da Vinci Code*, and other aberrant belief systems. This course will also include archaeological, textual, and extra-biblical evidence, providing a strong case for the existence and deity of Jesus.

"We wanted to let you know what an encouragement you have been to our family. Our daughter's desire to know God and make Him known has increased tenfold since taking your classes. Thank you for your dedication, your obvious love for what you do, and the faithfulness to lead, teach, and encourage others to know truth."

Parent

"Apologia's support of its students is the gold standard. Thank you so much!"

Parent



Academy Teachers



Larry Blythe

Teacher, Apologia Academy Director

Larry studied pastoral theology at Pacific Coast Baptist Bible College in Southern California where he received his B.A. in 1982. He served for fifteen years as an Associate Pastor/Student Ministries (Youth Pastor).

During that time, he spoke at numerous youth rallies, camps and other junior high and high school events, including teaching seminars for youth pastors with Word of Life Clubs and other student ministry organizations. After years of witnessing to Jehovah's Witnesses, Mormons, and other people deceived by false religions, Larry developed a counter-cult ministry, reaching many Jehovah's Witnesses for Christ. This led him to seeking out further education in the area of apologetics—i.e., defending the historical Judeo-Christian faith. Larry earned his M.A.A. (Master of Arts in Apologetics) from Southern Evangelical Seminary in 2002.

Larry has been a regular guest speaker at the National Christian Apologetics Conference and the Spiritual Counterfeits Conference. He has served as an instructor of Church History and World Religions and New Religious Movements at Southern Evangelical Bible College. He

was the founder/director of the Lay Institute for Biblical Studies where he taught on various topics including cults, apologetics, theology, the Old and New Testaments, and social disciplines. He is one of the editors of the *Baker Encyclopedia of Christian Apologetics*.



Rusty Hughes

Rusty and his wife, Cheryl, have homeschooled their six children since 1997. He serves on the board of directors for their local support group and tutors homeschooled students in the sciences. In addition to teaching chemistry and physics classes for Apologia Academy,

Rusty is currently writing a chemistry and physics elementary-grade-level textbook for Apologia's acclaimed Young Explorer Series. He holds a degree in chemistry from Purdue University and earned his secondary teaching license from Indiana University. A Hoosier born and raised, Rusty's interests include coaching baseball, playing golf, refereeing high school football and basketball, and crafting heirloom-quality furniture in his woodshop.



Tabatha Jones

Tabatha graduated from Western Michigan University in 1999 with a Bachelor of Science degree in Secondary Education. In 2008, she earned her Master's degree in Education with a focus on Technology in Science from Indiana University/Purdue University of Indianapolis. Tabatha has

taught in public schools in both Michigan and Indiana and holds a license to teach in both states. She has taught physical science, biology, advanced biology, and chemistry to students in grades 9–12. Tabatha has a passion for learning and teaching others how the Bible is scientifically accurate. She and her husband, Curtis, live in Indiana and are blessed with three amazing children. Tabatha enjoys gardening, scrapbooking, volunteering at her children's school, serving as vice-president of the Parent Teacher Fellowship, acting in church plays, and coaching community soccer and softball teams.



After graduating with honors from Western Carolina University with a degree in biology, Becky married Rick in 1991. She worked as a physical therapy assistant until the birth of their first child in 1994. Thus began her career as a stay-at-home mom and homeschool teacher. Becky and Rick have had numerous opportunities to encourage others regarding the blessings of parenting by God's grace and according to His Word. They also speak locally on the practical how-to's of biblical child training.

While homeschooling their four children, Becky tutored high school and college students in algebra and biology. When her own children were old enough to begin their science studies, she founded the Danville School of Arts and Sciences, a community-wide homeschool organization where she taught Apologia science.

Becky's four great loves are Christ, family, teaching, and science. Through Apologia Academy she has the wonderful opportunity of seeing those four loves wed into one united front. Here she is given the great privilege of assisting families in teaching quality, Christ-centered science to their children. Becky's prayer is that her students will not only enjoy science but will also walk away with a better understanding of God's universe and their place in it.

Becky Edmondson



Mike earned an M.A. in philosophy from Southern Evangelical Seminary and is pursuing a Ph.D. from the University of Kansas. He has been a staff writer for *Worldwide Challenge Magazine* in Orlando where he wrote articles and edited their monthly newsletter. Mike has also worked for Josh McDowell Ministry where he researched, wrote, and answered questions regarding *The New Evidence That Demands a Verdict* and developed several chapters for the book. He served as a staff member for Campus Crusade for Christ from 1994-2004.

Mike's first academic love was science. Although he pursued degrees in philosophy, he has never lost sight of his gifts, talents, and knowledge in the sciences. He is a public speaker and gifted communicator. Mike and his wife, Lauri, live with their four children in Kansas.

Mike Clapper



Pastor Derrick comes to us from Fort Mill, SC, where he is the pastor of The Gathering. He received a degree in Mechanical Engineering from Virginia Tech and is currently studying for his Master's degree in biblical studies from Reformed Theological Seminary. Derrick was a U.S. Navy Nuclear Submarine Officer, Lieutenant. (He saw the fish up-close and in person!) Derrick has taught Apologia chemistry, physics, biology, and physical science in Christian Schools and at home. He has also developed classes in oceanography and marine biology. Most importantly, Derrick is married to Lisa and has four sons: Aaron, Caleb, Noah, and Jonah.

Derrick Bucy





APOLOGIA ACADEMY 2011-2012 PRICE SCHEDULE

SCIENCE DEPARTMENT	BIBLE DEPARTMENT
ONE TWO-SEMESTER COURSE: \$450 tuition + \$25 (one-time, non-refundable registration fee)	ONE TWO-SEMESTER COURSE: \$250 tuition + \$25 (one-time, non-refundable registration fee)
TWO COURSES: Class #1 = \$450 + \$25 (one-time, non-refundable reg. fee) Class #2 = \$425 + \$25 (if same student, no \$25 reg. fee)	TWO COURSES: Class #1 = \$250 + \$25 (one-time, non-refundable reg. fee) Class #2 = \$225 + \$25 (if same student, no \$25 reg. fee)
THREE COURSES: Class #1 = \$450 + \$25 (one-time, non-refundable reg. fee) Class #2 = \$425 + \$25 (if same student, no \$25 reg. fee) Class #3+ = \$400 + \$25 (if same student, no \$25 reg. fee)	THREE COURSES: Class #1 = \$250 + \$25 (one-time, non-refundable reg. fee) Class #2 = \$225+ \$25 (if same student, no \$25 reg. fee) Class #3+ = \$200 + \$25 (if same student, no \$25 reg. fee)

10% DISCOUNT FOR RETURNING STUDENTS AND MILITARY & MISSIONARY FAMILIES

PAYMENT PLANS

1. Pay in full today
2. Pay \$100 today, remaining balance by Aug. 31 in equal monthly payments (add 5% to total bill)
3. Pay \$100 today, remaining balance by Oct. 31 in equal monthly payments (add 10% to total bill)

DROPPING/WITHDRAWAL FROM REGISTERED CLASS(ES)

Dropping a class before the first day of class: Forfeit the \$25 registration fee plus 5% of total paid.

Dropping a class during the first 5 weeks of class: Forfeit the \$25 registration fee plus 20% per week of total paid

REGISTRATION PROCESS

When registering for a science course, the screen will show one full-year course at the full-year price.

When registering for a Bible course, the screen will show each semester separately at a price which is half of the full-year amount.

REGISTRATION OPEN DATES

March 28 for returning students and full-time missionary & military
April 1 for all others

BOOK DISCOUNTS

40% discount for current Academy students on Apologia textbooks for courses in which the student is enrolled.

VISIT WWW.APOLOGIAACADEMY.COM FOR THE LATEST SCHEDULE

APOLOGIA ACADEMY AND RED WAGON TUTORIALS

Apologia Academy and Red Wagon Tutorials have teamed up to provide the following programs to meet the homeschooling family's needs:

- \$450 Apologia Academy Course
 - » Thirty-two 90-minute LIVE-feed Internet-based classes are presented. Course fee includes access to the following: Windows Media class recordings, printable class notes, online multimedia, and instructor formal lab report. Test and exam grading is also provided.
- \$200 Recorded Classes DOWNLOADABLE Science Classes (*)
 - » Thirty-two 90-minute DOWNLOADABLE RECORDED classes are presented. Price includes access to the following: Windows Media class recordings, printable class notes, and online multimedia. Grading and updates (for one year) are also included.
- \$150 Recorded Classes DVD Science Classes (*)
 - » Thirty-two 90-minute RECORDED classes on a DVD. Price includes access to the following: Windows Media class recordings, printable class notes, and online multimedia. Grading is not included.
- \$30 Individual Modules
 - » Two 60-90-minute DOWNLOADABLE RECORDED classes are presented. Price includes access to the following: Windows Media class recordings, printable class notes, and online multimedia. Parent-graded online test and answer page is also provided.
- \$30 Lesson Links
 - » Thirty-two printable extended content lessons are included. These are quality lessons for the homeschooling parent or cooperative teacher to present to his or her students.

* The courses currently available are General Science, Physical Science, Biology, Marine Biology, and Chemistry. Physics is planned for the near future. Shipping and handling charges will be added to the DVD order.

* You can register for the LIVE Academy courses at www.ApologiaAcademy.com

* You can order the DOWNLOADABLE science classes, individual modules, and lesson links at www.redwagontutorials.com

* You can order the DOWNLOADABLE Bible, woldview, and apologetics classes at www.ApologiaAcademy.com, then click on the "Course Video Products" link.

* You can order the RECORDED DVD classes at www.ApologiaAcademy.com, then click on the "Course Video Products" link.



Missions^{and} Scholarships



Building the Kingdom

Through the years, Apologia has joined in kingdom-building efforts around the world. In 2009 we launched Apologia Mission, a 501(c)(3) non-profit organization dedicated exclusively to building into homeschool families serving in a missionary capacity. In addition to discounting and donating curriculum to missionaries, Apologia is also supporting homeschool families in the U.S. by providing annual scholarships to homeschooled seniors who have demonstrated excellence in academics, character, and community involvement.

Missions

Working with missionary families from around the world is one of the most exciting things we do at Apologia Mission. These families are helping to translate the Bible into new languages, reaching out to communities of orphans, and building local churches—all while they homeschool—and we are privileged to lock arms with them. Here are just a few of the activities we have participated in over the past year:

- Providing curriculum to missionaries in Mexico, Palau, Indonesia, China, Thailand, Kenya, and Russia
- Supporting the missionary efforts of organizations such as SHARE, International China Concern, Friends of China, and Lifework Forum
- Awarding stipends to Apologia team members to facilitate participation in short-term mission trips to Brazil, Thailand, Italy, and China

Early this year we are sending more than a dozen of our own staff to serve homeschooling missionary families in Hungary!

From the beginning, Apologia Mission has sought the leading of God, and He has brought some exciting opportunities. If you have a creative idea for how

Apologia Mission might support homeschooling missionary families, or to learn more about our missionary discounts, please e-mail kyle@apologia.com.

Scholarships

Each year, we give the Apologia Award for Academic Excellence to an Indiana student who has been homeschooled throughout his or her high school years and plans to attend a four-year college or university. Currently, the award recipient receives \$2,000 per year for a total of four years.

Last year, Apologia instituted the Impact360 Scholarship, which awards a \$2,000, one-time grant to a homeschool graduate anywhere in the U.S. who demonstrates servant-leadership potential. This scholarship enables the student to attend Impact360, a gap-year program located in Pine Mountain, Georgia, and designed to equip the next generation to become servant-leaders who change the world by living out their Christian worldview with passion and purpose.

In order to encourage training in missions and ministry among home-educated students from the state of North Carolina, Apologia Mission has established a \$1,000 scholarship, renewable up to four years. To be eligible for this award, a student must graduate from a North Carolina home school and plan to be trained for the ministry or mission field.

Since 1998, Apologia Educational Ministries and Apologia Mission have provided awards totaling \$63,000 to outstanding homeschooled students to help them further their educational goals. For more information on our scholarships, visit us at www.apologia.com/scholarships.php.

Donations

You can support the kingdom-building work of Apologia Mission with a tax-deductible donation. Send your donation to:

Apologia Mission
c/o Ruth Komer, DGA-CPA
PO Box 156
Matthews, NC 28106

May His kingdom come as you serve in your family and around the world!

Giving, Going, Sharing, and Sowing!

Kyle McManamy



MyFirstMission Trip^{to}China

Growing up in a homeschooling family, I've spent many wonderful days listening to my mother read books. My siblings and I are like sponges taking in every word. I remember one particular book she read when I was eight. *Mei Fu* is the tale of a little girl (named Mei Fu) who lived in China, and her story changed my life. One day, Mei Fu visited the Great Wall of China where she heard babies crying. She asked her baby-sitter, Amah, what this could mean, and Amah told Mei Fu the tragic story of little baby girls being abandoned because of superstition. You see, many Chinese people consider newborn girls to be bad luck.

Ever since I heard the story of Mei Fu, I have wanted to go to China and help abandoned children. So I decorated a box to serve as my China mission fund and started saving money for a trip sometime in the future. When I was nine years old, I had a providential meeting with the president of an organization that helps disabled and abandoned children in China. I asked for information about the ministry and kept saving my money. Later that year, I started a small business called "Cookies for Christ" to raise money for the mission. As the years rolled by, the mission fund grew and my hopes rose higher. When I was eleven, I began formally learning the Chinese language and culture. It wasn't easy, and I'm still learning today.



Last year, on July 23, now fourteen years old, I boarded an airplane with my mom to begin a twenty-three-day mission to China. We toured Beijing first, then went down to Changsha to work in an orphanage for more than two weeks with International China Concern, the same organization I had learned about five years earlier. The experience was simply amazing! The children and young adults were great, and while I was there God gave me a vision for what I can do in China to glorify His awesome name.

One of the lessons God taught me during this time was how truly blessed I am. We take so much for granted in America—things as simple as eating and drinking. It doesn't take much more than a meal in a Chinese orphanage to realize how blessed we are as

United States citizens. Not only do we live in a wealthy country, but we also have the freedom to worship the one true God, to know Him as our King who loves us so much that He sent His Son Jesus to die for our sins that we may have life!

I've never really thought of myself as a Gladys Aylward or Eric Liddle, great Christian missionaries who served in China. But who knows what God will do with me next? The same

goes for you! God can do anything. I hope and pray that my story which is only just beginning, encourages you to consider the great and wonderful things God is calling you to do. Remember, you can do all things through Christ who gives you strength (Philippians 4:13).

Savannah Anne Carman

PRODUCT & PRICE INDEX

	Price	Page		
7 Tools for Cultivating Your Child's Potential	\$15.00	14	I Don't Have Enough Faith to Be an Atheist	
Advanced Chemistry in Creation			Student Workbook	28
Textbook set	\$85.00	52	Geisler/Turek Book	28
Equipment set	\$55.00	52	Jump In!	
Advanced Physics in Creation			Textbook set	\$40.00 20
Textbook set	\$85.00	53	Additional student workbook	\$30.00 20
Apologia Academy Price Schedule		68	Marine Biology, Exploring Creation with	
Apologia Lab Coats	\$32.00	38	Textbook set	\$85.00 48
Apologia Live 2011 Registration		9	Full-Course CD-ROM	\$65.00 48
Apologia Live 2009 audio CDs			Companion CD-ROM	\$15.00 48
Complete set of 5	\$35.00	10	Audio CD	\$15.00 48
Individual sessions	\$8.00	10	Prepared Slide Set	\$50.00 49
Apologia Live 2010 audio CDs			Dissection Specimens	\$52.00 49
Complete set of 6	\$35.00	10	Microscope	\$220.00 51
Individual sessions	\$8.00	10	Physical Science, Exploring Creation with	
Around the World in 180 Days			Textbook set	\$85.00 41
Textbook set	\$40.00	20	Full-Course CD-ROM	\$65.00 41
Additional student workbook	\$30.00	20	Companion CD-ROM	\$15.00 41
Astronomy, Exploring Creation with			Audio CD	\$15.00 41
Textbook	\$39.00	32	Physics, Exploring Creation with	
Notebooking Journal	\$24.00	32	Textbook set	\$85.00 47
Junior Notebooking Journal	\$24.00	32	Full-Course CD-ROM	\$65.00 47
Beyond Survival	\$12.00	21	Companion CD-ROM	\$15.00 47
Biology, Exploring Creation with			Audio CD	\$15.00 47
Textbook set	\$85.00	42	Read for the Heart	\$17.00 14
Full-Course CD-ROM	\$65.00	42	Reaping the Harvest	\$12.00 21
Companion CD-ROM	\$15.00	42	Seasons of a Mother's Heart	\$14.00 18
Audio CD	\$15.00	42	SoundBites from Heaven	\$13.00 15
Complete Microscope Set	\$270.00	43	Ultimate Daily Planner for Students, The	\$14.00 17
Microscope Slide Set Only	\$80.00	43	Ultimate Guide to Homeschooling, The	\$20.00 16
Prepared Slides Only	\$62.00	43	Ultimate Guide to Homeschooling Teens, The	\$20.00 16
Dissection Kit	\$40.00	43	Ultimate Homeschool Planner, The	\$24.00 17
Dissection Specimens Only	\$16.00	43	Ultimate Weekly Planner for Teens, The	\$19.00 17
Botany, Exploring Creation with			Who Am I? (And What Am I Doing Here?)	
Textbook	\$39.00	33	Textbook	\$39.00 26
Notebooking Journal	\$24.00	33	Notebooking Journal	\$24.00 26
Chemistry, Exploring Creation with			Coloring Book	\$8.00 26
Textbook set	\$85.00	44	Who Is God? (And Can I Really Know Him?)	
Full-course CD-ROM	\$65.00	44	Textbook	\$39.00 25
Companion CD-ROM	\$15.00	44	Audio CD	\$15.00 25
Audio CD	\$15.00	44	Notebooking Journal	\$24.00 25
Video Instruction DVD	\$125.00	46	Coloring Book	\$8.00 25
Laboratory Equipment Set	\$55.00	45	Who Is My Brother? (And Why Do We Need Each Other?)	
Optional Secondary Equipment	\$125.00	45	Textbook	\$39.00 27
Educating the WholeHearted Child	\$22.00	18	Notebooking Journal	\$24.00 27
General Science, Exploring Creation with			Coloring Book	\$8.00 27
Textbook set	\$85.00	40	Zoology 1: Flying Creatures of the Fifth Day	
Full-course CD-ROM	\$65.00	40	Textbook	\$39.00 34
Companion CD-ROM	\$15.00	40	Notebooking Journal	\$24.00 34
Audio CD	\$15.00	40	Zoology 2: Swimming Creatures of the Fifth Day	
Good Morning, God	\$14.00	19	Textbook	\$39.00 35
"Good Morning, God" Coloring Book	\$4.00	19	Notebooking Journal	\$24.00 35
How to Have a HEART for Your Kids	\$13.00	15	Zoology 3: Land Animals of the Sixth Day	
Human Anatomy, Exploring Creation with			Textbook	\$39.00 36
Textbook	\$39.00	37	Notebooking Journal	\$24.00 36
Notebooking Journal	\$24.00	37		
Junior Notebooking Journal	\$24.00	37		
Human Body, The (Advanced Biology)				
Textbook set	\$85.00	50		
Full-course CD-ROM	\$65.00	50		
Companion CD-ROM	\$15.00	50		
Audio CD	\$15.00	50		
Slide set	\$68.00	51		
Dissection Specimens	\$32.00	51		
Anatomy Coloring Book	\$22.00	51		

All prices are subject to change without notice. Solutions Manuals may be purchased separately for \$20 plus the cost of shipping.

ORDERING, SHIPPING & RETURN POLICIES

HOW TO ORDER

Phone: 765-608-3280 or toll-free 888-524-4724

Fax: 765-608-3290

E-mail: mailbag@apologia.com

Web: <http://www.apologia.com>

Mail Order:

On the next page is an order form.

Just fill it out and mail it to:

Apologia Educational Ministries, Inc.

1106 Meridian Plaza, Suite 220/340

Anderson, IN 46016

Shipping Your Order

We endeavor to ship out all orders within 48 hours or 2 business days. July and August are the busiest months of the year, so please allow an extra few days during this season for your order fulfillment.

Shipping Rates

For your convenience we now offer multiple shipping options, giving you more control over how quickly you receive your order. We strongly recommend that you place your order by visiting our website at www.apologia.com or calling our office toll-free at (888) 524-4724. Calling or ordering through our website can allow you to track your package, choose when it will arrive, and more. This will also help us to process and ship your order in a more timely fashion.

If you cannot place your order via the website or phone, we do accept mail orders. Shipping and handling rates will be assessed according to the chart located on the order form in this catalog. Please be aware that using this method means that your package will be shipped using the most economical means available, meaning it could take several weeks to arrive and we will be unable to provide you with tracking information. Additionally, the package will not be insured, and therefore you will be responsible for filing a claim with the post office if the package is damaged. All orders must be pre-paid.

Curriculum Payment Information

We accept cash, check, money order, MasterCard, Visa, American Express, and Discover. Return shipping instructions are included with each order. Sorry, we do not refund shipping charges. Damaged items WILL NOT be accepted. Returns made to our office location WILL NOT be accepted.

Returns Policy

Returns may be made within 90 days of the purchase date, provided the materials are in resalable condition and accompanied by a receipt. Return shipping instructions are included with each order. Shipping charges will not be refunded. Damaged items and opened CDs will not be accepted for return or credit. In case of damage, the shipper will be responsible for filing a claim with their carrier. Schools and groups are subject to a 15% restocking fee. We DO NOT accept returns at our office location.

Technical Support for CD-ROM Products

Internet self-help is available for all versions. Visit the support section of our website at www.apologia.com to access our Frequently Asked Questions (FAQs) or search the knowledge base. E-mail support is provided for the current version of all products that have been purchased directly from Apologia or one of our retailers. E-mail cdhelp@apologia.com to utilize this service. Phone support is also provided for the current version of all products which have been purchased directly from Apologia or one of our retailers. Please note that you will need to register your CD-ROM upon purchasing it in order to receive technical support. Please call the phone number listed on the printed insert in your CD case. Our full technical support policy can be found on our website at www.apologia.com.

Satisfaction Guaranteed

If you are not satisfied with our curriculum, return it in resalable condition within 90 days of purchase and we will cheerfully refund your money. Please contact our office for return authorization and shipping instructions. We are unable to accept open CD returns. We do not accept returns at our office location.

DATE: _____

PHONE (Required) _____

BILL TO:

SHIP TO (if different):

Qty.	Description	Price Each	Total Price

SHIPPING RATES:
 Within the 48-Contiguous U.S.: 10% of order or \$10, whichever is greater.
 For AK, HI, APO, FPO: 20% of order or \$10, whichever is greater.
 Canada: 20% of order or \$10, whichever is greater.
 Other International: 30% of order or \$15, whichever is greater.
 All mail orders are shipped using the most economical means available. Mail order shipping rates are not valid for group, school, or retail orders. Call for rates. All International orders must be pre-paid and in U.S. funds. Please read information regarding mail order shipping on previous page before sending.

SUBTOTAL	
IN Residents add 7% sales tax	
SHIPPING & HANDLING	
TOTAL	

- Payment enclosed (check or money order)
- Please charge my order to my credit card: (circle one)



CREDIT CARD ACCOUNT NUMBER: _____
EXP. DATE: _____ (mm/yy) **CID#:** _____ (last 3 digits of code on back of card)
CARDHOLDER NAME (print) _____
CARDHOLDER SIGNATURE _____

Mail your order to:
 Apologia Educational Ministries
 1106 Meridian Plaza, Suite 220/340
 Anderson, IN 46016
 or fax to (765) 608-3290

Thank you for your order, and God bless you.

Building Together

Homeschooling doesn't have to be an isolating experience, and really, it shouldn't be. Granted, choosing to homeschool means adopting a lifestyle that is eternally rewarding yet difficult for many friends and neighbors to understand. Even the most seasoned home educators need advice and encouragement from time to time. We need to surround ourselves with people who share our hopes, aspirations, and joys, as well as our challenges, concerns, and trials. We need each other.

The front lines for encouragement are local support groups and homeschool co-ops. There we find fellow homeschoolers who can answer our questions, calm our fears, and point us in the right direction, and we have an opportunity to do the same for others. If you haven't already done so, locate and join a homeschool association in your community.

We also encourage you to participate in your state homeschool organization. Your state organization can help you locate local support groups and direct you to special interest activities, and most importantly, they work toward protecting your legal right to teach your children at home. These groups need your support as much as you need theirs.



www.apologia.com/newsletter.php



www.facebook.com/apologiaworld

Facebook is a registered trademark of Facebook, Inc.

Follow us on Twitter



www.twitter.com/apologiaworld

www.youtube.com/apologiaworld

Apologia staff and authors speak regularly at local, regional, and state meetings to support homeschoolers. But there's no denying the influence of the online community among today's home educators, so Apologia is active there, too, serving the homeschool community with uplifting articles, helpful ideas, and encouraging and empowering resources for home, education, and life.



Apologia World

The Apologia World monthly e-newsletter features contributions from your favorite Apologia authors, including Zan Tyler, Debra Bell, and Jeannie Fulbright. Each issue also brings you the latest about new Apologia books and curriculum, course offerings from Apologia Academy, upcoming events, science news, and even contests! It's 100% spam-free and comes at no cost to you! Just point your browser to www.apologia.com to sign up today.

Facebook, Twitter, and YouTube

Join our fan page on Facebook, where we post frequent updates of interest in the world of science, Christian apologetics, and home education. Our Twitter feed will clue you into new items on our website, links from our Facebook page, and other hints for your homeschooling journey. Visit www.facebook.com/apologiaworld to become a fan, or www.twitter.com/apologiaworld to follow our feed. We also have seminars and workshops available on our YouTube channel. We even have some student-directed promotional videos, just for fun. Click on www.YouTube.com/apologiaworld to see it for yourself!

New Apologia Home Page

The Apologia website is being completely redesigned in 2011 to better serve you! Visit our site regularly to enter contests, listen to full-length messages from previous Apologia Live events, participate in free online seminars, read back issues of Apologia World and much more. And we've made it easier than ever to purchase your favorite Apologia books and curriculum! Just direct your browser to www.apologia.com.

Hal Young

APOLOGIA EDUCATIONAL MINISTRIES

1106 Meridian Plaza, Suite 220 / 340
Anderson, IN 46016

Toll Free: 888.524.4724

Phone: 765.608.3280

Fax: 765.608.3290

Email: mailbag@apologia.com

Web: www.apologia.com

