

# WHAT CHILDREN LEARN WHEN

BY MEREDITH CURTIS

POWERLINEPROD.COM



MEREDITH CURTIS

This eBook is the “Basic Overview of What Children Need to Know When” Chapter of *Joyful & Successful Homeschooling!*



Purchase *Joyful and Successful Homeschooling* in print on **Amazon.com**. Purchase the E-book at [PowerlineProd](http://PowerlineProd.com).

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## Where This List Came From



This is my personal list of what my kids need to know when. Therefore, it is different from other lists. There are other resources in this area with slightly different lists. Feel free to add or subtract from my list and make it your own.

This list helps me to stay on target and evaluate at the end of each school year whether my children are on track or not. Keep in mind that children learn different subjects at different paces. They also learn on their own schedule, not necessarily just like “all the other homeschooled kids!”

You will notice this list is not divided up by grades, just early elementary, later elementary, middle school, and high school. Like most homeschoolers, I don’t necessarily think in terms of what to learn in what grade, but rather learning in sections and moving on to the next section.

You will find other lists that are different. I’m just a homeschool mom, not an “expert” so I share my list with you! Again, adapt it, make it your own!



# Early Elementary



- Learn Old Testament Stories
- Learn New Testament Stories
- Recognize Important Bible Men & Women (Jesus, Noah, Abraham, Moses, David, Daniel, Paul, etc.)

## *Reading*

- Read Phonetically, Sound Out Words, Learn Rule-Breakers & Sight Words
- Read a Wide Variety of Books to Build Vocabulary and Comprehension
- Read Aloud Fluently
- Read to Learn New Information, Perform a Task and for Enjoyment

## *Writing*

- Write with Legible Handwriting
- Nouns, Verbs, Adjectives, Adverbs
- Write Sentences (complete thought, noun, verb, start with capital, end with proper punctuation mark)
- Write Descriptive Paragraphs
- Topic Sentences
- Write Narrative Paragraphs
- Make Cards for Friends & Family Members
- Write Simple Stories & Poems

## *Math*

- Memorize Addition & Subtraction Facts
- Memorize Multiplication Facts
- Division
- Triple Digit Addition & Subtraction with Carrying and Remainders
- Basic Measurement & Geometry
- Whole Numbers to 10,000
- Word Problems Related to Real Life Situations
- Use Number Lines
- Money & Fractions
- Equal, Not Equal, More than, Less than

## *Language Arts*

- Listen Attentively and Remember
- Speak Clearly and Communicate Thoughts and Feelings
- Learn to Spell Simple Words
- Learn Basic Rules of Grammar: punctuation, capitalization, sentence structure
- Logic: play Checkers, Tic/Tac/Toe, & Battleship
- Vocabulary: learn new words and use them

## *Science*

- Observe & Collect Nature: air, water, soil, rocks, feathers, leaves, driftwood
- Enjoy Weather & Seasons
- Look at the Stars at Night
- Observe Animals & their Habitats
- Pet Care & Training
- Plant & Care for Garden
- Build Things That Will Bear Weight or Hold Things
- Make a Bird Feeder, Feed the Ducks, Catch Lizards
- Take Care of Body with Good Food, Sleep, Water, Exercise, Brushing Teeth

## *History/Geography*

- Learn the History Stories of the USA, Our Nation (Betsy Ross & the Flag; The First Thanksgiving; Pocahontas Saves John Smith)
- Learn the History Stories of other Nations
- “Meet” the People in History
- “Visit” Other Places in the World
- “Visit” Other Historical Time Periods
- Locate own Country, State, and City on Globe
- Make Own Maps of Room, House, Neighborhood
- Visit Places in the Community and Talk to People in Various Jobs (Dentist, Doctor, Fire Station, Police Station, Hospital, Airport, Cape Canaveral, St. Augustine, etc)
- Geography: Name & Locate Oceans, Continents, Equator
- Holidays & Celebrations

## *Fine Arts*

- Color, Trace, Draw, Paint, Sculpt with Playdough
- Sing
- Piano lessons? Ballet lessons? Children’s Choir?
- Visit Museums, Concerts, Operas, Ballets
- Listen to Classical Music & All Kinds of Good Music

## WHAT CHILDREN LEARN WHEN

### *PE/Health*

- Play & Run Around Outside in the Fresh Air!
- Team Sports like Soccer & Kickball
- Bike Riding
- Swimming

### *Foreign Language*

- Listen to Language Spoken Correctly
- Learn Numbers, Colors, Greetings & Other Basics in Language
- Sing Songs in Language

### *Research*

- Use a Globe
- Use a Dictionary
- Use a Telephone Book or Phone Directory

### *Rhetoric*

- Converse Fluently with Correct Grammar & Gracious Manners
- Ask and Answer Questions with Parents
- Introductions & Greetings
- Show & Tell-Type Speaking in Front of Small Groups
- Read Aloud Fluently

### *Other*

- Use Family Computer
- Personal Chores (make bed, clean room) & Family Chores (set table, vacuum)

# Later Elementary



## *Bible*

- Learn All the Old Testament Stories
- Learn All the New Testament Stories
- Recognize Important Bible Men & Women less well known (Enoch, Hannah, John the Baptist, Twelve Disciples, Lazarus, etc.)
- Begin Learning about the Culture of the Old & New Testament Times
- Read Bible Devotionally on a Daily Basis (Quiet Times)

## *Reading*

- Read a Wide Variety of Written Material with Comprehension
- Narrate What is Read
- Read a Wide Variety of Written Material Aloud Fluently
- Read Literature for Pleasure, Read for Information, Read to Perform a Process or Task, Read to be Inspired
- Analyze Literature for Plot, Characters, Setting, Tone, & Theme
- Vocabulary Increase & New Words from Books Part of Daily Speech
- Read Classic Literature and Writing
- ENJOY Reading!

## *Writing*

- Write Paragraphs: Descriptive, Narrative, Informative, Persuasive
- Use Dictionary & Thesaurus & English Handbook Correctly for Writing & Editing
- Write for an Intended Audience
- Copy Bible Verses and Well-written Paragraphs from Classic Literature (helps with handwriting and writing!)
- Rewrite Bible Stories, Fairy Tales, Articles, Stories, and other Writings from Different Perspectives (the view of a mouse instead of the cat), in Different Time Periods, with a Twist to the Ending, or Adding Characters
- Write Poetry: Haiku, Sonnet, Limerick, Free Verse, Sense Poem, Ballad



## *Math*

- Complete Math Skills Quickly and Accurately (especially with addition, subtraction, multiplication and division of whole numbers)
- Remember the Addition & Subtraction Facts already Memorized
- Remember Multiplication Facts already Memorized
- Triple-Digit Division with Remainder
- Triple-Digit Multiplication with Carrying and Remainders
- Concept of Equivalent and Congruent
- Primes, Composites, Factors, & Multiples
- Mixed Numbers, Improper Fractions
- Add, Subtract, Multiply, and Divide Fractions & Decimals
- Measure Mass, Length, Angles, Perimeter, Area, & Volume
- Basic Probability and Statistics
- Word Problems Related to Real Life Situations
- Word Problems: “Is there enough information? And “What information do I need to solve this problem?”
- Mean, Median, Mode, Average
- Circle Graphs, Bar Graphs, Charts

## *Language Arts*

- Copy Bible Verses and Well-written Paragraphs from Classic Literature (helps with handwriting and writing!)
- Speak with Correct Pronunciation and Grammar
- Use Research skills with Dictionary, Thesaurus, Encyclopedia, and other Reference Materials at Home, Library, & Internet
- Memorize How to Spell the Most Common Words in the English Language (whatever method you choose!)
- All Grammar Rules for Speaking and Writing involving Nouns, Verb Forms & Tenses, Subject, Predicate, Adjectives, Adverbs, Prepositions, Prepositional Phrases, Gerunds, Fragments, Run-ons, Capitalization, Conjunctions, Interjections, Contractions, Objects
- Review Phonics Rules (especially as they apply to grammar, syllabication, and spelling)
- Roots, Suffixes & Prefixes (including Greek & Latin)
- Compound Words, Synonyms, Antonyms, Homophones
- Alphabetical Order
- Vocabulary: Learn New Words & Use Them
- Logic & Reasoning: Play Chess, Checkers, Battleship, Mind Trap, Card Games, Scrabble, Sudoku (or any game that requires strategy to win, rather than chance alone)

## *Science*

- Continue to:
  - Observe & Collect Nature: air, water, soil, rocks, feathers, leaves
  - Enjoy Weather & Seasons
  - Look at the Stars at Night
  - Observe Animals & Their Habitats
  - Pet Care & Training
  - Plant & Care for Garden
  - Build Things That Will Bear Weight or Hold Things
  - Make a Bird Feeder, Feed the Ducks, Catch Lizards
  - Take Care of Body with Good Food, Sleep, Water, Exercise, Brushing Teeth
- Experiments!
- Earth's Basic Geography: Land, Water, Mountains, Rivers
- Rocks, Soil, Water, Air, Erosion
- Weather, Climate, Water Cycle, & Ocean Currents
- Solar System, Seasons, Day, & Night
- Life Cycles of Living Things
- Human Body Cells, Tissue, Organs, Systems, Health, Growth, & Aging
- Sound Vibrations, Pitch, & Transmission
- Energy, Movement, Force, Work
- Animals & their Habitats, Ecosystems & Interdependence
- Classifying & Categorizing
- Magnets & Electricity
- Elements, Atoms, Molecules, Compounds, Cells
- Physical & Chemical Changes
- Use a Microscope & a Telescope; Measure & Weigh Things; Dissect
- Scientific inquiry & Investigation: Hypothesize, Observe, Experiment, Analyze, Theorize

## *Fine Arts*

- Color Art Masterpieces or “Copy” Art Masterpieces
- Draw
- Paint with Watercolors, Oils, & Acrylic
- Sing
- Piano lessons? Other Instrument Lessons? Ballet lessons? Children's Choir? Children's Band?
- Visit Museums, Concerts, Operas, Ballets
- Listen to Classical Music & All Kinds of Good Music
- Wide Variety of Art Experiences with Different Media

## *History/Geography*

- Geography: Hemispheres, Latitude & Longitude (Prime Meridian, Tropic of Capricorn, Tropic of Cancer, Location using line of L & L), Water (rivers, lakes, bays, harbors, channels, seas, geysers), Landforms (mountains, hills, valleys, canyons, plains, beaches, cave, delta, peninsula), Volcanoes, Earthquakes, Tornadoes, Floods, Hurricanes, Tidal Waves, Maps, Charts, Graphs, & National Cultures around the World.
- USA History: Native Americans, Jamestown, Pilgrims, Colonial Times, French & Indian War, Revolutionary War, Early Growth & Development of American Nation, Exploration West, Civil War, Victorian Age, Wild West, World War I, World War II, Twentieth Century.
- World History: Creation, Flood, Ancient Israel, Egypt, Greece, Roman Empire, Jesus Christ & Early Church, Middle Ages, Renaissance, Reformation, Exploration & Colonization of the World, European History from 1200 to 2000, & Chinese Empire.
- Read Declaration of Independence, Magna Charta, Preamble to the Constitution, & other important documents.
- State History, Geography, & Economy. Visit different historical and recreational sites in state!

## *PE/Health*

- Play & Run Around Outside in the Fresh Air!
- Team Sports like Soccer, Basketball, Baseball, Volleyball & Kickball
- Bike Riding, Skateboarding & Rollerblading
- Active Games like Airsoft, Man Hunt, Paint Ball, Red Rover
- Swimming, Diving
- Dance

## *Foreign Language*

- Listen to Language Spoken Correctly
- Learn Basics with a Lot of Speaking & Listening
- Sing Songs in Language
- Listen to Books Read Aloud in Language
- Watch Movies in Language with English subtitles
- Learn about Culture where Language is Spoken

## *Research*

- Use Research skills with Dictionary, Thesaurus, Encyclopedia & other Reference Materials at home, library & on internet (language arts)
- Use Dictionary & Thesaurus & English Handbook correctly for writing & editing (writing)
- Look up Phone Numbers & Addresses in the Phone Book; Locations & Directions on Map Quest; Available Movies at Blockbuster; Movie Times at the Dollar Theatre; Countries, Cities, & Rivers on Maps, Globe, & Atlas

## *Rhetoric*

- Speak Graciously with Correct Pronunciation and Grammar
- Ask and Answer Questions; Participate in Group Discussions; Make Presentations to a Small Group (oral book report, demonstration speech)
- Listen to Good Speakers
- Read Great Speeches Aloud (“Give Me Liberty or Give Me Death”—Patrick Henry or “The Gettysburg Address”—Abraham Lincoln)
- Read Aloud Fluently

## *Other*

- Basic Manners (introductions, table setting, greeting, phone etiquette, rising when older people enter a room, giving up seats to adults)
- Completing “Five Things” before Breakfast each Day (making beds, cleaning rooms, dressing, personal hygiene, & personal devotions)
- Resolving Conflict with Family Members & Friends
- Care of Personal Property
- Family Chores (cleaning bathrooms, dusting, dishwasher)
- Serving Others at Home, Church, & Community



## **Middle School/Junior High**



### *Bible*

- Study Bible Exegetically
- Enjoy and Receive Encouragement from Personal Devotions
- Teach Simple Bible Stories and Truths to Younger Children

### *Reading*

- Read the Classics
- Grow in Vocabulary & Comprehension
- ENJOY reading a Wide Selection of Books, Magazines, Newspapers, Reports, Essays (discuss them with intelligent insight)
- Written Narration of What is Read (write book summaries, taking notes on what is read)
- Read a Wide Variety of Written Material Aloud Fluently
- Analyze Literature for Plot, Characters, Setting, Tone, & Theme in Writing
- Increase Vocabulary and Have New Words from Books Making Their Way into Daily Speech
- Read Classic Literature and Writing
- ENJOY Reading!

### *Writing*

- Write a Short Novel
- Write Short Stories
- Write MANY Essays
- Research and Write Reports
- Write Newspaper Articles & Interviews
- Write Interesting and Engaging Letters

## *Math*

- Integers (natural numbers & their additive inverses & 0)
- Rational Numbers
- Complete Math Skills Quickly & Accurately
- Remember the Addition & Subtraction Facts already Memorized
- Remember Multiplication facts already memorized
- Square Roots & Powers
- Division of Decimals
- Measure Using Geometry Formulas (surface area & volume for more difficult shapes, including circles, cones, spheres, pyramids, & triangles of all kinds)
- Estimation & Prediction
- Percent, Ratio, Rates, Direct Proportion, Statistics
- Interpret Data using Patterns, Clusters, Sequences, & Slopes on Graphs & Charts
- Solve Multi-Step Equations
- Use Variables
- Difficult Word Problems Related to Real Life Situations
- Apply Reflections, Rotations and Translations to Two-dimensional Figures.
- PRE-ALGEBRA

## *Language Arts*

- Continue Copying, Narrating & Summarizing
- Continue to **Memorize** how to Spell **ALL** the most common Words in English Language (any method that works best!)
- Review Grammar Rules & add Sentence Diagramming, Clauses, & Advanced Punctuation Rules
- Formal Logic

## *Science*

- Earth Science
- Life Science
- Physical Science
- Botany
- Oceanography
- Astronomy



### *Fine Arts*

- Drawing Skills
- Painting Techniques
- Formal Music Instruction
- Vocal Training
- Pursue Art & Music of Interest

### *History/Geography*

- Thorough study of World Geography including Making Maps of the Entire World (labeling cities, rivers, nations, seas, & islands)
- Study One or More Countries in Detail, including History, Economy, & Government
- Fill in any Gaps in World History & USA History
- Current Events
- Basic Economic Principles
- Manage Personal Finances, including Tithing & Giving

### *PE/Health*

- Workout 3-5 Times a Week with cardio, stretching, balance and weight training
- Learn about Emotional & Physical Changes of Puberty
- Team Sports like Soccer, Basketball, Baseball, & Volleyball
- Bike Riding, Skateboarding & Rollerblading
- Active Games like Airsoft, Man Hunt, Paint Ball, Red Rover
- Swimming, Diving
- Tennis, Golf, Running
- Dance, Gymnastics

### *Foreign Language*

- Latin
- Foreign Language Formal Instruction

### *Research*

- Research and Write Reports
- Use Research Skills with Dictionary, Thesaurus, Encyclopedia, and other Reference Materials at Home, Library, & Internet (language arts)
- Use Dictionary & Thesaurus & English Handbook Correctly for Writing & Editing (writing)
- Research Topics of Personal Interest
- Bible Word Studies & Exegetical Studies

*Rhetoric*

- Group Discussions & Extemporaneous Speaking
- Presentations to Large Group

# High School



## *Bible*

- Old Testament
- New Testament
- Church History
- Apologetics/World View
- Great Commission
- Languages: Greek/Hebrew

## *Literature*

- American Literature
- British Literature
- Western Literature
- Bible as Literature
- Shakespeare
- Short Stories
- Great Books (Augustine/Jefferson/Adams/Aristotle/Bacon/Locke)
- ENJOY Reading!

## *Writing*

- Several Formal Essays: Informative, Definition, Descriptive, Cause & Effect, Comparison & Contrast, Persuasion
- Paraphrase and Précis
- Formal Writing & Informal Writing
- Research, Note Taking, /Note cards, Outline, Thesis, Statement, Footnotes, Bibliography
- Formal Research Paper
- Formal Literary Research Paper

- Letters (business, inquiry, complaint, application, memo, to editor)
- Resume
- Short stories/Poetry/Prose/Play
- Novel
- Write and Give Speeches: Demonstration, Extemporaneous, Persuasive, Testimony, Information
- Create a Web Page

### *Math*

- Algebra
- Algebra II
- Geometry
- Trigonometry/Pre-Calculus
- Calculus
- Consumer Math
- Statistics

### *Language Arts*

- Vocabulary for SAT preparation
- Review Grammar & Spelling Rules

### *Science*

- Biology
- Chemistry
- Physics
- Human Anatomy
- Specialization: Zoology, Oceanography, Botany, Astronomy

### *History/Geography*

- USA History
- World History
- 20<sup>th</sup> Century History
- Economics, Business, Personal Finance
- Government, Law/Politics
- Current Events
- Career Exploration & Preparation

### *Fine Arts*

- Art History
- Art Appreciation
- Music History
- Music Appreciation
- Drawing/Painting
- Music Lessons (piano/guitar/flute)
- Singing
- Culture Appreciation (museums, concerts, ballets, operas, art shows)

### *PE/Health*

- Workout 3-5 Times a Week with cardio, stretching, balance and weight training
- Life Sport
- Daily Exercise
- Good Eating Habits & Nutritional Knowledge for Healthy Adulthood
- Preparation for Body Changes & Sex in Marriage

### *Foreign Language*

- Two Years of a Foreign Language
- Speak in Foreign Language/Carry on Conversation
- Exposure to the Culture of the Language Studying

### *Research*

- Numerous Opportunities to Research using Library, Books at Home, and Internet
- Create own Web Page with Links to Supplemental Sites
- Use Primary Sources, including Interviews & Historical Documents
- High School Research Paper
- Literary Research Paper

### *Rhetoric*

- Write and Give Speeches: Demonstration, Extemporaneous, Persuasive, Testimony, Information
- Present Information after Research to Different Audiences
- Participate in Group Discussions with Skill and Ease
- Informal Debating
- Formal Debate

*Other*

- Learn to Drive
- Apply to Colleges
- Career Exploration
- Community Service
- Ministry at Church



# Powerline Productions



Powerline Productions exists to serve you! We want you to grow in your relationship with Jesus, experience joy and success in your homeschooling journey, and fulfill the Great Commission with your family in your home, church, and community. We offer homeschooling books, unit studies, high school courses, curriculum, Bible studies, fiction, timelines, and cookbooks just for you!

## Our Websites

[powerlineprod.com/](http://powerlineprod.com/)

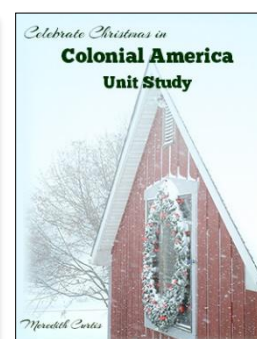
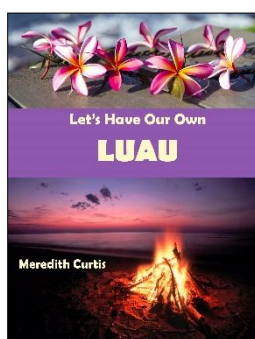
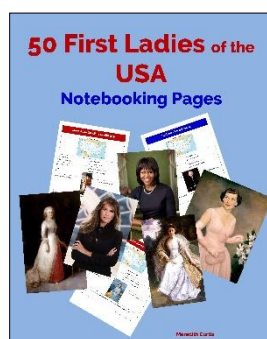
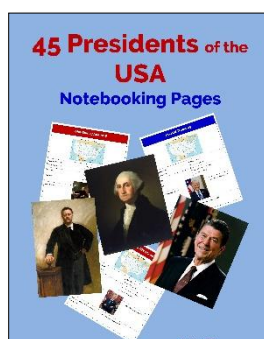
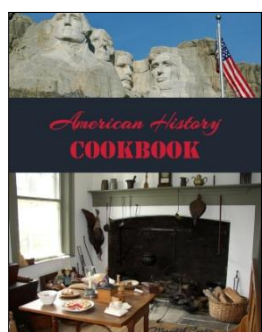
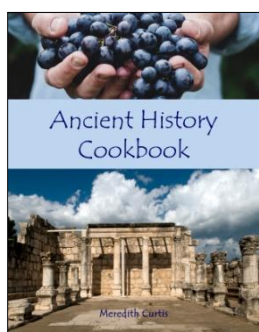
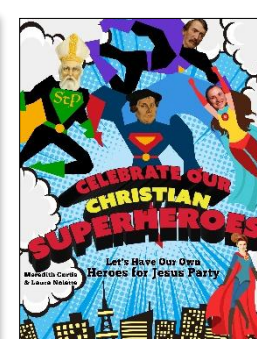
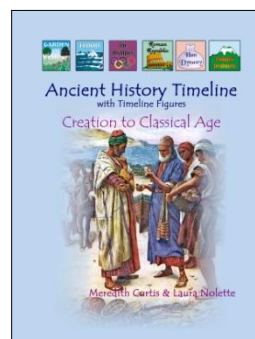
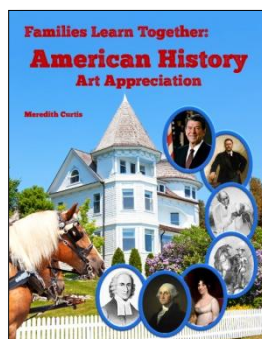
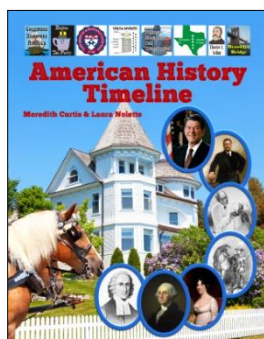
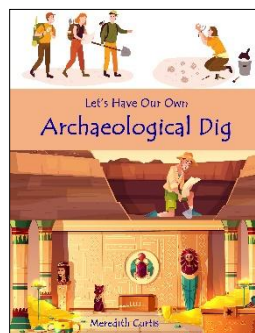
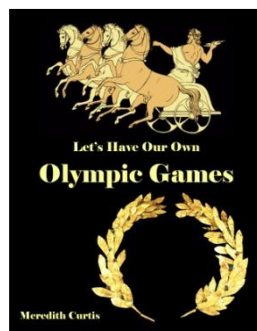
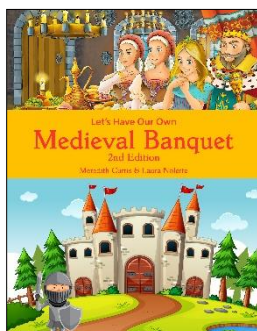
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## Teach History the Fun Way





## Teach Geography the Fun Way



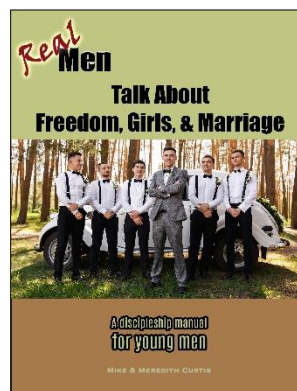
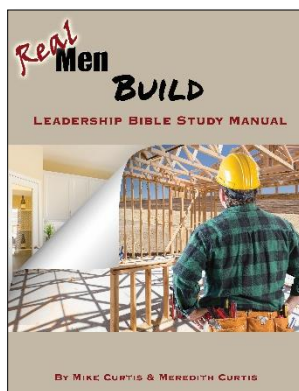
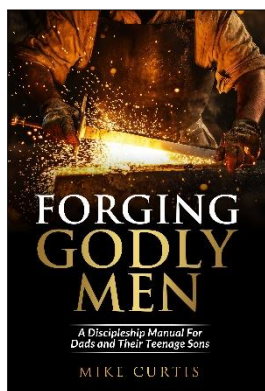
## High School & Middle School





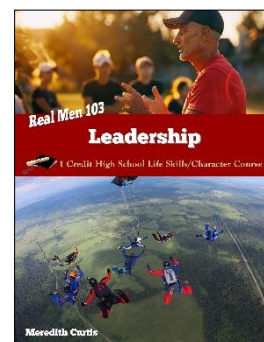
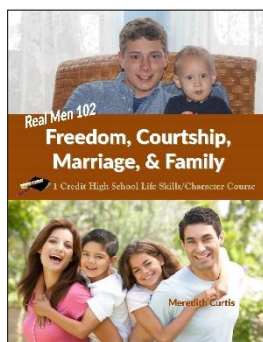
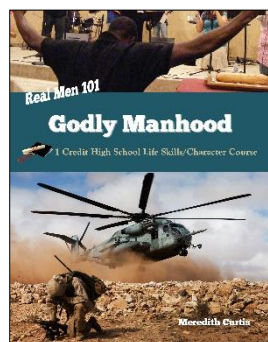
## Real Men Discipleship Manuals

God calls fathers to impart life to their sons, passing the baton in the race of faith. These Bible studies were created for fathers (or mentors) to go through this material with their sons. Pastor Mike Curtis used these materials to mentor his own son and other young men in the church. These manuals cover tough issues that fathers and sons need to talk about and live out in their lives.



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Do you want to prepare your sons to become godly husbands, fathers, church leaders, and pillars in their communities? These one-credit high school life skills classes build character and prepare young men for the future. Using living books, Scripture, and practical assignments, young men will learn to become the man God has called them to be.



## God's Girls Bible Studies & Classes

