

FOCUS ON MODERN WORLD HISTORY, BRITISH LITERATURE, ECONOMICS & CHEMISTRY

HIGH SCHOOL LESSONS

TRUTH TREK TWO

SAMPLE



half-a-hundred
ACRE WOOD

BRANDY FERRELL

Table of Contents

Introduction	4
Co-op or Parent Meeting Day.....	5
Grading & Transcripts.....	5
One-Room Schoolhouse Option for Families with Younger Children.....	5
High School Credits.....	6
Scope and Sequence for <i>High School Lesson Plans Truth Trek Series</i>	8
CLEP Testing for College Credit.....	10
Getting Started: World History, English (World Literature & Composition) & Bible.....	10
Getting Started: Chemistry.....	11
Getting Started: Personal Finance (1st semester).....	13
Getting Started: Economics (2nd semester).....	13
Getting Started: Geometry & Latin.....	14
Getting Started Checklist.....	15
First Semester At-a-Glance.....	16
Second Semester At-a-Glance.....	18
Blank Planner Page.....	20
Gearing up for Week 1	21
Week 1 (Beginning of First Semester).....	27
Week 19 (Beginning of Second Semester)	135
Appendix	243
High School Credits Worksheet.....	244
Lab Report Template for <i>Discovering Design with Chemistry</i>	245
Example Socratic Questions for Literature Discussion.....	246
Transcript Template.....	247

Welcome to *High School Lessons: Truth Trek Two!*

You're about to embark on a journey geared toward seeking how God's Truth is revealed in all subjects and in all learning. We hope and pray that you will not only learn more about the Creator during this journey but that you will also develop a firm foundation for serving Him to further God's kingdom.

This one-year high school-level curriculum provides lesson plans for eight high school subjects: Bible, World History, English, Lab Science (Chemistry), Math (Geometry), Foreign Language II (Latin II), Personal Finance (1 semester), and Economics (1 semester). To accommodate for learning style differences, we offer two curriculum options for three of the subjects (History, Chemistry, and Economics). This guide includes lesson plans for each option.

- Two options for combined World History, Bible, & English credit (full year, 3 Credits) - Choose One:

Option 1: Condensed World History: Notgrass Exploring World History (textbook-based) with the following World Literature:	Option 2: Ancient World History: Dave Raymond's Antiquity (video-based) with the following Ancient World Literature:
<ul style="list-style-type: none"> The Cat in Rubasties by G.M. Henry The Art of War by Sun Tzu Shakespeare's Julius Caesar The Imitation of Christ by Thomas à Kempis Here I Stand by Roland Bainton A Tale of Two Cities by Charles Dickens North and South by Elizabeth Gaskell The Hiding Place by Corrie Ten Boom Bridge to the Sun by Gwen Terasaki Cry, the Beloved Country by Alan Paton Animal Farm by George Orwell The Abolition of Man by C.S. Lewis <p>Note: The curriculum + literature bundle from Notgrass includes all of the literature listed above.</p>	<ul style="list-style-type: none"> The Epic of Gilgamesh by Don Rick Paradise Lost by John Milton Tales of Ancient Egypt by Roger Lancelyn Green Edith Hamilton's Mythology Till We Have Faces by C.S. Lewis The Iliad translated by Robert Fagles The Odyssey translated by Robert Fagles The Aeneid translated by Sarah Ruden Shakespeare's Julius Caesar The Man Born to Be King by Dorothy Sayers Also available on Christian Book.

- Two options for Chemistry (full year lab science, 1 credit) - Choose One:

Option 1: Experience Chemistry	Option 2: Discovering Design with Chemistry
--	---

- Two options for Economics (2nd Semester, 1/2 credit) - Choose One:

Option 1: Economics for Everybody with optional Basic Economics textbook	Option 2: Notgrass Exploring Economics (just the Exploring Economics Curriculum Package and the Student Review Pack)
--	---

- Personal Finance (1st Semester, 1/2 credit): [Dave Ramsey Foundations in Personal Finance](#)
- Math - Geometry (full year, 1 credit): [Math U See Geometry](#)
- Foreign Language II (full year, 1 credit): [Visual Latin 2](#) along with [Lingua Latina \(Familia Romana\)](#).

If you are using a different curriculum from those assigned in this book for any subject, a blank planner page is provided for you to write your own customized weekly lesson plans. Just make 36 copies of that page and insert those pages in the plans as needed.

As with all curriculum and lesson plans, you should adjust this framework to fit your family.

These lesson plans are meant to be used as a framework for keeping you and your student on track throughout the school year. However, you should customize the course of study to fit your family. If something is not working well, feel free to make adjustments. If needed, you can wait for a future year to tackle a particular course. Just keep in mind that part of learning is persevering through tough tasks. If you do make adjustments, be sure to clearly state your new expectations for that particular course.

As you embark on this journey, keep the big picture in mind. Even though plan does not equal reality, without a plan, we lack vision or direction or goals. As a family, we ask for God to teach us to number our days aright that we may gain hearts of wisdom (Psalm 90:12). Part of numbering our days aright is planning well. Part of numbering our days aright is letting go of those plans when God has something else in store for our family. So... as we plan, we also hold onto those plans loosely realizing that the Lord's purposes are greater than our purposes. As we head into this study, we are "confident of this very thing, that He who has begun a good work in you will complete it until the day of Jesus Christ;" (Philippians 1:6)

Co-op or Parent Meeting Day

During a typical week, a student will complete the daily assignments independently with parental guidance as needed. Each week incorporates a "Co-op or Parent Meeting Day" that walks parents or co-op teachers through a discussion of the current week's topics and confirms that the student understands the material. The parent or co-op teacher will then introduce material for the next week's lessons as appropriate. As much as possible (students) should lead discussion during the meeting day. The year will kick-off with a "Getting Up for Week 1" Co-op or Parent Meeting Day that will be completed before Week 1.

Grading & Transcripts

Students should check their work after completing each daily assignment. After students complete essays, quizzes, projects, and tests, the parent should check that work and assign a grade. For suggestions regarding grading for each subject, refer to the corresponding teacher's guide for each curriculum/subject.

A transcript template and high school credits worksheet is provided in the appendix of this guide to help you track your student's progress through high school.

One-Room Schoolhouse Option for Families with Younger Children

For families with children in Grades 1-8, the [*Mission World Wonders program*](#) teaches corresponding history themes at the elementary and middle school levels. This provides a unified approach to teaching and learning in the home as all students in Grades 1-12 study similar content areas. To provide students in Grades 1-8 with a corresponding science, we recommend *Properties of Atoms and Molecules* and/or *Properties of Matter* from [*God's Design for Chemistry & Ecology*](#).

Scope and Sequence for *High School Lesson Plans Truth Trek Series*

9th Grade - U.S. History (to 1900), American Literature, and Biology	
Subject	Credits
(Bible: Readings and responses within other subjects)	(1/2)
History: American History	1
English: American Literature	1
Science: Biology	1
Math: Algebra I	1
Foreign Language I: Latin I	1
Elective: Health	1/2
Elective: Government	1/2
Total Credits	6 or 6.5

10th Grade - World History or Ancient World History, World Literature, and Chemistry	
Subject	Credits
Bible: Bible Overview or Old Testament Focus	1
History: World History or Ancient World History	1
English: World Literature	1
Science: Chemistry	1
Math: Geometry	1
Foreign Language II: Latin II	1
Elective: Personal Finance	1/2
Elective: Economics	1/2
Total Credits	7

NOTE: Students may begin recording activities in a Physical Education Log in 9th grade. When they arrive at 70 hours of activity, they may receive one semester of credit for P.E. Refer to <https://www.halfahundredacrewood.com/high-school-lessons-supplements/> to download a resource for tracking P.E. activities. Students may also add an elective credit for Driver's Education depending on your state's education standards.

HSLDA recommends spending approximately 150 hours on a subject to qualify for high school credit.

11th Grade - Christendom History, British Literature, and Physics	
Subject	Credits
(Bible: New Testament)	(1)
History: Christendom (Optional)	1
English: British Literature	1
Science: Physics	1
Math: Algebra II	1
Elective: P.E.	1/2
Elective: P.E.	1/2
Total Credits	6 or 7

12th Grade - Modern World History with Modern History, British Literature, and Advanced Science	
Subject	Credits
(Bible: Prophecy)	(1)
History: Modernity (Optional)	1
English: British Literature (continued)	1
Science: Earth Science or Advanced Biology, Chemistry, or Physics	1
Math: PreCalculus or Calculus	1
Elective: Fine Arts	1/2
Elective: Fine Arts	1/2
Total Credits	6 or 7

WEEK ONE AT-A-GLANCE								
World History & Literature (Choose One History + Literature Combo)				Chemistry (Choose One)		Personal Finance	Geometry Lesson	Latin
Notgrass Exploring World History		Dave Raymond's Antiquity		Experience Chemistry	Discovering Design (Experiments at Home)			
World History	World Literature	Ancient History	Ancient Literature					
Lesson 1-7	None	Lesson 1.1-1.5 Orientation	<i>Eternity in Their Hearts</i> Chapter 1-7	Lesson 1: Introduction to Chemistry & the Scientific Method; Lab 1	Chapter 1: Measuring Up; Experiment 1.1	Chapter 1 - Introduction to Personal Finance (Lesson 1-5)	1	Lesson 31: Nouns - 5th Declension & Superlatives; Lingua Latina Ch 1

WEEK 1 DAY 1		
HISTORY - BIBLE ENGLISH	Option 1: Exploring World History	Read Unit 1 Introduction and choose unit project. Read Lesson 1 and Lesson 2. Complete assignments for Lesson 1 and Lesson 2, including the Student Review questions for each lesson. (The Student Review is not optional for this course. Throughout this year, complete the Student Review questions for each lesson, either through discussion with a family member or with written responses.) Start working on Unit 1 Project. To receive credit for High School English, you will need to complete at least one writing assignment as your project for every three units. You may want to look ahead to view the project options for Units 1-3 to determine which essay you would like to write before writing an essay, review "Advice on Writing" in the textbook introduction.
	Option 2: Antiquity	Watch lectures and complete assignment for Lecture 1: Introduction & How to Take Notes (video length 9 min). Each lecture also has an assigned reading and question(s) to answer in the <i>Antiquity Student Reader</i> . For every assigned lecture this year, watch the video, take notes, and complete the corresponding assignment in the student reader. The assignment is not complete until you have worked through the corresponding reader portion of the assignment and completed your written responses. Supplemental Bible reading: Romans 15:4. Literature: Read <i>Eternity in Their Hearts</i> Chapter 1-2, annotating and keeping a journal of your thoughts and/or your favorite quotes and descriptions from each chapter. Search the Internet for the article "How to Mark a Book" by Mortimer Adler for additional details on how to read actively using annotation.
SCIENCE	Option 1: Experience Chemistry	Lesson 1: Introduction to Chemistry & the Scientific Method. Watch the Lesson 1A video (24 min) and the Lesson 1B video (26 min), taking notes on the corresponding Outline & Notes Page in your Experience Chemistry Guidebook. Review Flashcards of New Terms.
	Option 2: Discovering Design with Chemistry	Read Chapter 1 (pp. 1-5), answering Comprehension Check problems 1 & 2. Check answers to Comprehension Check on p. 27-31. Refer to "Experiment Supplies" on pp. v-ix to check that you have supplies for Chapter 1.
Personal Finance		Video: Chapter 1 - Introduction to Personal Finance, Lesson 1 (13 minutes); Textbook: Personal Finance and You
Math: Geometry		Watch Lesson 1 and read Lesson 1 in the Instruction Manual. Complete Lesson Practice 1A. Check answers in Instruction Manual and correct missed exercises. Make a note of any questions you have to ask on co-op/parent meeting day.
Latin		Watch 31A - Grammar video (7 min) and complete Lesson 31A worksheet(s). Double-check answers in Worksheet Answers book and make corrections. Use Quizlet for vocabulary review or make & study your own vocabulary flash cards. Study 5th Declension chart on Dwane's Awesome Latin Lists . Also visit Free Latin Resources from Compass Classroom, including a video on memorizing 5th Declension noun endings.

WEEK 1 DAY 2		
HISTORY - BIBLE - ENGLISH	Option 1: Exploring World History	Read Lesson 3 and Lesson 4 and complete assignments. Continue working on Unit 1 Project.
	Option 2: Antiquity	Watch lecture and complete assignment for Lecture 1.2 Why Do We Study? (14 min video). Watch lecture and complete assignment for Lecture 1.3 Why Do We Study History? (9 min video). Literature: Read <i>Eternity in Their Hearts</i> Chapter 3-4.
SCIENCE	Option 1: Experience Chemistry	Complete the Reading Assignment: Modern Chemistry, Chapter 1 Section 1 and Chapter 2 Section 1. Review Flashcards of New Terms.
	Option 2: Discovering Design with Chemistry	Read Chapter 1 (pp. 6-9) starting at "Using Significant Figures in Mathematical Problems" and ending at "Converting Between Units." Answering Comprehension Check Problems 3 and 4 and performing Experiment 1. Determining the Relationship Between Inches and Centimeters . Record your results/observations in a lab journal. An example of a formal lab report is included in the appendix of this guide. Sample calculations for Experiment 1.1 are on p. 32. Check answers to Comprehension Check on p. 27-31.
Personal Finance		Video: Chapter 1 - Introduction to Personal Finance, Lesson 2 (14 minutes); Textbook: A History of Credit and Debt Activity: History of Credit in America (40 minutes)
Math: Geometry		Complete Lesson Practice 1B and 1C. Check answers in Instruction Manual and correct missed exercises. Make a note of any questions you have to ask on co-op/parent meeting day.
Latin		Watch 31B - Sentences video (10 min) and complete Lesson 31B worksheet(s). Double-check answers in Worksheet Answers book and make corrections. Use Quizlet for vocabulary review or make & study your own vocabulary flash cards.

WEEK 1 DAY 3		
H I S T O R Y - B I B L E - E N G L I S H	Option 1: Exploring World History	Read Lesson 5 and complete assignments. Take Unit 1 Quiz and give to parent for grading. Unit 1 Project due.
	Option 2: Antiquity	Watch lecture and complete assignment for Lecture 1.4 What Each Student Needs (Video length = 7 min). Supplemental Bible reading: Ecclesiastes 12:13-14. Literature: Read <i>Eternity in Their Hearts</i> Chapter 5-6.
S C I E N C E	Option 1: Experience Chemistry	Take Lesson 1 Quiz. Complete the homework questions and give to parent for grading. Ensure you have the supplies needed for this week's lab.
	Option 2: Discovering Design with Chemistry	Read Chapter 1 (pp. 9-10) starting at "Converting Between Units" and ending at "Scientific Notation." Answering Comprehension Check questions 5 & 6. Check answers to Comprehension Check on p. 27-31.
	Personal Finance	Video: Chapter 1: Introduction to Personal Finance, Lesson 3 (13 minutes); Textbook: It's Time for a Change
	Math: Geometry	Complete Lesson Practice 1D. Read "Honors Application Pages" section in student workbook and complete Honors Lesson 1H. Check answers in Instruction Manual and correct missed exercises. Make a note of any questions you have to ask on co-op/parent meeting day.
	Latin	Watch 31C - Reading video (5 min) and complete Lesson 31C worksheet(s). Double-check answers in Worksheet Answers book and make corrections. Use Quizlet for vocabulary review or make & study your own vocabulary flash cards.

WEEK 1 DAY 4		
H I S T O R Y - B I B L E - E N G L I S H	Option 1: Exploring World History	Read Unit 2 Introduction and choose unit project. Read Lesson 6 and Lesson 7 and complete assignments. Start working on Unit 2 Project.
	Option 2: Antiquity	Watch Lecture 1.5 Course Assignments (Video length = 6 min) and Lecture 1.6 Portfolio (4 min). Take Exam #1. Begin your portfolio and add your first portfolio entry on the study of history. You may use your responses to the assignment and/or exam questions this week to create your first entry. Supplemental Bible reading: Ephesians 2:10. Literature: Read <i>Eternity in Their Hearts</i> Chapter 7. Composition (if not using another English composition program): For every two lessons in this course (except during the thesis paper project in Weeks 20-28), you will need to choose one exam or lecture question to convert to a 300-500 word essay. Determine if you will use a question from Lesson 1 for this essay. If so, write the essay.
S C I E N C E	Option 1: Experience Chemistry	Read "Laboratory Safety Guidelines" in the Experience Chemistry Lab Book. Read and perform Lesson 1 Lab, Reaction in a Bag, Part 1 , referring to the lab video (14 min) as needed. If you are unable to perform the lab in person, watch the lab supplement video (14 min). Record data and observations in the Experience Chemistry Lab Book. Write a lab report, referring to the Lab Report Guide in the Experience Chemistry Lab Book.
	Option 2: Discovering Design with Chemistry	Read chapters pp. 13-14 starting at "Scientific Notation" and ending before Experiment 1.2, answering Comprehension Check questions 7-8. Complete answers to Comprehension Check on p. 27-31. If attending a co-op, read Experiment 1.2 and Experiment 1.3 in preparation for class. For each week throughout this year, ensure you have read any experiments that will be conducted on Co-op Meeting Day prior to your class.
Personal Finance		Video: Chapter 1 - Introduction to Personal Finance, Lesson 4 (13 minutes); Textbook: The Road to Financial Success Video: Chapter 1 - Introduction to Personal Finance, Lesson 5 (8 minutes); Textbook: Financial Literacy
Math: Geometry		Take Lesson 1 Test and give to parent for grading. Correct any missed test questions. Make a note of any questions you have to ask on co-op/parent meeting day.
Latin		Review vocabulary. Take Lesson 31 Quiz and give to parent for grading. Read <i>Lingua Latina</i> Chapter 1. Use https://www.lingvalatina.com/ each week for assistance with <i>Lingua Latina</i> translation and video explanations of exercises.

WEEK 1 CO-OP OR PARENT MEETING DAY		
H I S T O R Y - B I B L E - E N G L I S H	Option 1: Exploring World History	<p>Present Unit 1 Project.</p> <p>Discuss Lessons 1-7, referring to questions in the Student Review book (also in the <i>Guide for Parents / Answer Key</i> download) and/or the writing prompts on the <i>Project Ideas</i> download. If you have not already done so, click here to download these files. The project idea writing prompts are also listed at the beginning of each unit in the <i>Exploring World History</i> textbook.</p>
	Option 2: Antiquity	<p>Students should share their first portfolio entry. Also discuss the following topics:</p> <ul style="list-style-type: none"> • What is the purpose of life? • What is the purpose of education? • List and define at least four (4) reasons for the study of history. <p>Discuss <i>Eternity in Their Hearts</i>. Share annotations and journal entries.</p>
S C I E N C E	Option 1: Experience Chemistry	Discuss Lesson 1 reading assignment, homework questions, quiz, and what you learned from this week's lab.
	Option 2: Discovering Design with Chemistry	<p>Discuss results of Experiment 1.1: Determining the Relationship Between Inches and Centimeters and Chapter 1 Comprehension Check problems 1-8. When moving questions from each chapter, students should lead the discussion by explaining how to answer the question. Review expectations regarding lab journal entries and/or lab reports. Refer to the appendix of this guide for an example lab report.</p> <p>If attending a co-op, also perform and record data for Experiment 1.2: Determining the Relationship Between Cubic Centimeters and Milliliters and Experiment 1.3: Density. Remind students that, in future weeks, they will need to read through all experiments to familiarize themselves with each experiment prior to the co-op day when they will be performed in class. Also note that sample calculations for some experiments are provided in the textbook at the end of each chapter (before the chapter review questions). Sample calculations for Experiment 1.1-1.3 are on p. 32-33.</p>
Personal Finance		Discuss this week's assignments and activities. If needed, use this chapter's Lesson Guide, Family Table Talk prompt, Devotional, and/or Case Study under the Teacher Resources section of the Dave Ramsey website.
Math: Geometry		<p>Work problems together based on student questions. Each student should explain how to work a problem from this lesson to parent or classmates.</p> <p>Decide if student(s) will complete the honors section of each lesson. Regardless of whether the honors lessons are completed at home through the week, the honors lessons may be used as discussion during co-op/parent meeting day.</p>
Latin		<p>Review and discuss concepts introduced this week (Nouns 5th Declension & Superlatives). Review vocabulary and Dwane's Awesome Latin Lists.</p> <p>Review the resources mentioned in "Gearing Up for Week 1."</p> <p>If time permits, discuss <i>Lingua Latina</i> Chapter 1, completing select exercises from Pensa A-C, referencing https://www.lingvalatina.com/ as needed.</p> <p>If in a co-op, students should also take turns reading Latin aloud and translating the passage from Lesson 31C.</p>