

FOCUS ON MODERN WORLD HISTORY, BRITISH LITERATURE, ARTS & ANATOMY

# HIGH SCHOOL LESSONS

TRUTH TREK FOUR



half-a-hundred  
ACRE WOOD

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## Welcome to *High School Lessons: Truth Trek Four!*

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 from which you can choose: Bible, Modern World History, English, Advanced Science (Biology II: Anatomy or Astrophysics), Math (Pre-Calculus or Calculus), Philosophy (1 semester), and Visual/Performing Arts (Music and/or Filmmaking). As this is the final year of our program, it is a year of **options**. At this point, your student has likely completed almost every credit needed to fulfill your state's graduation requirements. Therefore, you may choose to complete all of the subjects included in these plans (if desired) or complete only the subjects needed for your student to fulfill his/her high school credits. To accommodate for learning style differences, we offer two curriculum options for science and math and three options for humanities (or visual/performing arts). This guide includes lesson plans for each option.

- Combined Modern World History, Bible, & English credit (full year, 3 Credits):

Modern World History: [Dave Raymond's Modernity](#) (video-based) with the following World and British Literature:

- |  |   |
|--|---|
| • <a href="#">Invitation to the Psalms</a> by Rolf A. Jacobson and Karl Jacobson   | • <a href="#">Pride and Prejudice</a> by Jane Austen          |
| • <a href="#">Goodbye, Mr. Chips</a> by James Hilton                               | • <a href="#">Das Marmelade</a> by George Eliot               |
| • <a href="#">The History of the Kings, Prince of Abnegation</a> by Samuel Johnson | • <a href="#">The Man Who Was Thursday</a> by G.K. Chesterton |
| • <a href="#">The Scarlet Pimpernel</a> by Baroness Emmuska Orczy                  | • <a href="#">Greenmantle</a> by John Buchan                  |
| • <a href="#">A Tale of Two Cities</a> by Charles Dickens                          | • <a href="#">The Lord of the Rings</a> by J.R.R. Tolkien     |
|  | • <a href="#">Mere Christianity</a> by C.S. Lewis             |
|  | • <a href="#">The Nine Tailors</a> by Dorothy Sayers          |
|  | • <a href="#">Live Not by Lies</a> by Rod Dreher              |

These plans also reference [Barron's English Literature \(EZ-101 Study Keys\)](#).

- Science: **Option 1:** [Apologia Exploring Creation with Advanced Biology](#) (Anatomy & Physiology) - [Textbook & Solutions Set](#) and [Student Notebook](#) with [Kaplan Anatomy Coloring Book](#) (full year lab science, 1 credit) or **Option 2:** [Introduction to Astrophysics](#) (full year non-lab science, 1 credit)
- Math - Advanced Math (full year, 1 credit or 2 credits): **Option 1:** [Math U See Precalculus](#) and/or **Option 2:** [Calculus for Everyone](#)
- Humanities: Visual/Performing Arts (Full Year Option, 1 credit): [Filmmaking from the First Directors](#)
- Humanities: Visual/Performing Arts (One semester Option, 1/2 credit in the fall): [The Story of Great Music](#)
- Humanities (One semester Option, 1/2 credit in the spring): [Philosophy: Consequences of Ideas](#) with the book [A History of Western Philosophy and Theology by John M. Frame](#)

Students will likely only need one credit in visual/performing arts or humanities. Options are provided so that the student can explore the arts that most capture their interest. It is not intended that students complete all the subjects listed in this lesson plan.

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. Some students may already have enough credits in a particular subject area (such as the arts), in which case you can skip those lessons. Also, if a course or subject is not working well, feel free to make adjustments. If you do make adjustments, parents should clearly state their new expectations for that particular course, keeping in mind that part of learning is persevering through tough tasks.

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 parent or co-op teachers through a discussion of the current week's topic and confirms that the student understands the material. The parent or co-op teacher will then introduce material for the next week's lessons if appropriate. As much as possible, student(s) should lead discussion during the meeting day.

**The year will kick-off with a "Gearing Up for Week 1" Co-op or Parent Meeting Day that should 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, you can either use the [Mission Faith Forgers program](#) which incorporates corresponding world history themes at the elementary and middle school levels, or the [Mission Lasting Liberty Program](#) which incorporates American history during the age of modernity. 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 *Our Universe* from [God's Design for Heaven and Earth](#) if your high schooler is taking Astrophysics or *The Human Body* from [God's Design for Life](#) if your high schooler is taking Anatomy & Physiology.



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

9th Grade - U.S. History, American Literature, and Biology	
Subject	Credits
Bible: Christian Living or the Gospels	1
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
<b>Total Credits</b>	<b>7</b>

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
<b>Total Credits</b>	<b>7</b>

**NOTE:** HSLDA recommends spending 150+ hours on an academic subject to qualify for one high school credit. For a non-academic course, students need to earn 120+ hours for 1 credit or 60+ hours for 0.5 credit.

Students may begin recording activities in a Physical Education Log in 9th grade. When they arrive at 60 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.

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 2	1
Elective: P.E.	1/2 or 1
Elective: Art	1/2 or 1
Elective: Career Readiness	1/2
<b>Total Credits</b>	<b>5 to 7.5</b>

12th Grade - Modern World History (with Modern U.S. History), British Literature, and Advanced Science	
Subject	Credits
(Bible: Poetry and Bible Overview)	(1)
(History: Modernity (Optional))	(1)
English: British Literature (continued)	1
Science: Advanced Biology, Chemistry, or Physics	1
Math: Precalculus or Calculus	1
Elective: Fine Arts (Great Music)	1/2
Elective: Fine Arts (Filmmaking)	1
Elective: Humanities (Philosophy)	1/2
<b>Total Credits</b>	<b>4 to 7</b>

WEEK ONE AT-A-GLANCE								
Bible Modern World History World & British Literature			Advanced Math (Choose One or Both)		Optional Electives (Choose one or both)		Optional Advanced Science (Choose One)	
Dave Raymond's Modernity			Precalculus	Calculus for Everyone	Filmmaking	Music	Advanced Biology: Anatomy & Physiology	Astrophysics
Bible	World History from 1600s	British + World Literature						
Psalms 1-8	Lesson 1.1-1.5: Orientation	<i>Goodbye, Mr. Chips</i>	Lesson 1: Introduction to Trigonometry	Chapter 1: The Problem Of Change	Lesson 1 – Documenting Life: Edison & Lumiere	Lesson 1: Renaissance	Module 1. Introduction to Anatomy and Physiology	Lesson 1 - What Is Astronomy?

WEEK 1 DAY 1		
H I S T O R Y - B I B L E  E N G L I S H	Dave Raymond's Modernity	<p>Watch lecture and complete assignment for Lecture 1.1 Introduction &amp; Note-Taking - Orientation (Video length = 23 min). Each lecture also has an assigned reading and question(s) to answer in the <i>Modernity Student Reader</i>. <b>For every assigned lecture this year, watch the video, take notes, and complete the corresponding assignment in the student reader.</b> The assignment is not complete until you have worked through the corresponding reader portion of the assignment and completed your written responses.</p> <p><b>Supplemental Bible study:</b> Read Psalm 1-2. Read <i>Invitation to the Psalms</i>, Introduction. Watch Bible Project Video - Psalms. For example prompts for study/journaling, see "Getting Up for Week One."</p> <p><b>Literature:</b> Read <i>Goodbye Mr. Chips</i> Chapter 1, annotating and/or keeping a journal of your thoughts and/or your favorite quotes and literary device descriptions. Search the Internet for the article "How to Mark a Book" by Mortimer Adler for additional details on how to read actively using annotation.</p>
M A T H	Option 1: Precalculus	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.
	Option 2: Calculus for Everyone	Watch Preface & Introduction (14 min video). Read Preface (pages xxiv-xxvii) and Chapter 1: The Problem Of Change (pages 1-14) in your textbook.
E L E C T I V E S	Visual/Performing Arts: Filmmaking from the First Directors	<b>Introduction.</b> Watch: Getting Started (21 min video). Reread What You'll Need For This Class and ensure you have the equipment required for this class. Read Setting up a Vimeo Account and set up your Vimeo or YouTube account.
	Visual/Performing Arts: The Story of Great Music	Read 1. Renaissance. Read and watch Early Church Music, Minstrels & Madrigals (35 min).
S C I E N C E	Advanced Biology: Anatomy	<b>Module 1. Introduction to Anatomy and Physiology.</b> Read pp. 1-8, answering On Your Own Questions 1.1-1.2. Check answers to "On Your Own" questions on pp. 32-33. Complete Coloring Book Exercises 1.1-1.2.
	Astrophysics	<b>Lesson 1 - What Is Astronomy?</b> Read <i>Intro to Astrophysics</i> pp. 4-9. Complete Exercise 1 on p. 21 in the Teacher Guide. After completing each exercise this semester, check your answers in the appendix and make corrections if needed.

WEEK 1 DAY 2		
H I S T O R Y - B I B L E - E N G L I S H	Dave Raymond's Modernity	<p>Watch lecture and complete assignment for Lecture 1.2 Why Life? (Video length = 12 min).</p> <p>Watch lecture and complete assignment for Lecture 1.3 Why School? (Video length = 18 min).</p> <p><b>Supplemental Bible study:</b> Read Psalm 3-4. Read <i>Invitation to the Psalms</i>, Chapter 1: Why Is My Bible Repeating Itself? Learning to Understand Hebrew Poetry</p> <p><b>Literature:</b> Read <i>Goodbye, Mr. Chips</i> Chapter 5-9, annotating and/or keeping a journal of your thoughts and/or your favorite quotes and literary devices/descriptions.</p>
M A T H	Option 1: Precalculus	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.
	Option 2: Calculus for Everyone	Watch Chapter 1 Lesson (40 min video).
C U L T I V	Visual/Performing Arts: Filmmaking from First Directors	<p><b>Lesson 1 – Documenting Life: Edison &amp; Lumiere.</b> Watch: The Big Picture (13 min video), Films – “Let’s Go to the Movies” (5 min video), Films – Muybridge, Lumiere &amp; Edison (20 min video), Film – “How You See” (8 min video), Production (1 min video), and Assignment: Filmmaking Action (2 min video). Total video length: 59 minutes.</p>
	Visual/Performing Arts: The Story of Great Music	Read and watch Palestrina and Monteverdi (40 min).
S C I E N C E	Advanced Biology: Anatomy	Read pp. 9-17, answering On Your Own Questions 1.3-1.8. Check answers to “On Your Own” questions on pp. 32-33.
	Astrophysics	Read <i>Intro to Astrophysics</i> pp. 9–14.



WEEK 1 DAY 3		
H I S T O R Y - B I B L E - E N G L I S H	Dave Raymond's Modernity	<p>Watch lecture and complete assignment for Lecture 1.4 Why History? (Video length = 16 min).</p> <p><b>Supplemental Bible study:</b> Read Psalm 5-6. Read <i>Invitation to the Psalms</i>, Chapter 2: What Is a Psalm? Learning to Understand Different Psalm Genres — Part 1</p> <p><b>Literature:</b> Read <i>Goodbye, Mr. Chips</i> Chapter 10-13, annotating and/or keeping a journal of your thoughts and/or your favorite quotes and literary devices/descriptions.</p>
M A T H	Option 1: Precalculus	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.
	Option 2: Calculus for Everyone	Complete Chapter 1 Study Questions #1-15 in your textbook. Make a note of the questions you would like to discuss on co-op/parent meeting day.
V I S U A L A R T S	Visual/Performing Arts: Filmmaking from the Great Directors	<b>Lesson 1: Documenting Life: Edison &amp; Lumiere.</b> Start Lesson 1 Assignment: Filming an action. The finished film is due tomorrow.
	Visual/Performing Arts: The Story of Great Music	Read and watch <i>English Music in the Renaissance</i> (35 min).
S C I E N C E	Advanced Biology: Anatomy	Complete Coloring Book Exercise 1.3. Read pp. 17-21, answering On Your Own Question 1.9. Check answer to “On Your Own” question on pp. 32-33.
	Astrophysics	Complete Exercise 2 on pp. 23–24 in the Teacher Guide.

WEEK 1 DAY 4		
H I S T O R Y - B I B L E - E N G L I S H	Dave Raymond's Modernity	<p>Watch Lecture 1.5 Course Assignments (Video length = 8 min). Complete Exam #1.</p> <p>Begin your portfolio and add your first portfolio entry on the study of history, referring to the Portfolio Grading Sheet in the <i>Modernity Teacher's Guide</i> to fulfill expectations. You may use your responses to the assignment and/or exam questions this week to create your first entry.</p> <p><b>Supplemental Bible study:</b> Read Psalm 7-8. Read <i>Invitation to the Psalms</i>, Chapter 3: What Is a Psalm? Learning to Understand Different Psalm Genres — Part 2</p> <p><b>Literature:</b> Read <i>Goodbye, Mr. Chips</i> Chapter 14-18, annotating and/or keeping a journal of your thoughts and/or your favorite quotes and literary devices/descriptions.</p> <p><b>Composition (if not using another English composition program):</b> For every two lessons in this course (except during the Speech on Traditions Project in Weeks 11-16 and the writing of the thesis paper in Weeks 21-28), you will need to choose one exam or lecture question to convert to a 300-500 word essay (which is approximately 3 to 5 paragraphs). Determine if you will use a question from Lesson 1 for this essay. If so, write the essay.</p>
M A T H  E L E C T I V E S	Option 1: Precalculus	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.
	Option 2: Calculus 1	Complete Chapter 1 Study Questions 16-30 in your textbook. Make a note of the questions you would like to discuss on co-op/parent meeting day.
	Visual/Performing Arts: Filmmaking from the First Directors	<p><b>Lesson 1 – Documenting Life: Edison &amp; Lumiere.</b> Finish Lesson 1 assignment: Filming an Action Lesson 1 film due. Upload your film to Vimeo or YouTube and submit the link to your film in the <a href="https://mycompassclassroom.com">mycompassclassroom.com</a> Filmmaking group. Also watch: Films – Lumiere &amp; Edison Films (external links).</p>
	Visual/Performing Arts: The Story of Great Music	Watch a Work of Renaissance Music and Listen: Renaissance Recordings. Keep a log of the composers/performers and pieces you've listened to this week and highlight your favorites. Take Quiz: The Renaissance.
S C I E N C E	Advanced Biology: Anatomy	Read pp. 21-26, answering On Your Own Questions 1.10-1.11. Check answers to "On Your Own" questions on pp. 32-33.
	Astrophysics	Read <i>Intro to Astrophysics</i> pp. 15–18.

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	Dave Raymond's Modernity	<p>Students should share their first portfolio entry and lead a discussion based on their responses for Exam #1.</p> <p>Refer to each lecture's assignment/question and the corresponding exam questions in the <i>Modernity Teacher's Guide</i> for discussion ideas and possible answers. Some of this week's topics include:</p> <ul style="list-style-type: none"> <li>• J.R.R. Tolkien's thoughts of the purpose of life.</li> <li>• The purpose of education and what we should do with our learning.</li> <li>• The reasons we pursue wisdom and delight in education.</li> <li>• Four reasons we study the past.</li> </ul> <p><b>Literature:</b> Discuss <i>Goodbye, Mr. Chips</i>. Share annotations and journal entries from this week's literature reading. Refer to the appendix for example Socratic questions regarding setting, characters, conflict, plot, theme, context, and worldview.</p> <p>Next week: Students will begin reading <i>The History of Rasselas, Prince of Abissinia</i>.</p>
	Option 1: Precalculus	<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>
M A T H	Option 2: Calculus for Everyone	<p>Discuss concepts from this lesson, referring to the chapter's Study Questions/Exercises as needed. Each student should explain concepts they highlighted from this week's assignment.</p>
E L E C T I V E S	Visual/Performing Arts: Filmmaking from the First Directors	<p>Watch student's finished film for Lesson 1 Assignment: Filming an Action. What did the student learn from Lesson 1 – Documenting Life: Edison &amp; Lumiere?</p>
	Visual/Performing Arts: The Story of Great Music	<p>Review Renaissance music and discuss student's favorite composers/performers and pieces from this week.</p>
S C I E N C E	Advanced Biology: Anatomy	<p>Discuss Module 1 On Your Own Questions 1.1-1.11 and Coloring Book Exercises 1.1-1.3. When reviewing questions from each module, student(s) should lead the discussion and be capable of explaining the answer to each question.</p>
	Astrophysics	<p>Discuss concepts introduced this week, using Lesson 1 Exercise 1-2 questions as needed.</p>