

Simply Charlotte Mason presents

Individual Studies

*A Year of Language Arts, Latin,
Personal Development, Math, Science*



Lesson Plans for Grade 8
Second Edition

by Sonya Shafer

*An entire year of day-by-day lesson plans
for language arts, Latin, science, math, and more!*



The convenient tips, reminders, and pre-planned lessons in this book make it simple to guide your student using Charlotte Mason's effective methods.

These Individual Studies will

- Encourage growth in language arts through living books and literature.
- Introduce Latin in short, interesting lessons.
- Help you get to know the possibilities and dangers within yourself.
- Guide you in science through nature study, conversational textbooks, and living books.
- Allow you to use the math curriculum of your choice.
- Provide a thorough education at an enjoyable pace.

*Combine these Individual Studies with our family-combined History Studies
and Enrichment Studies for a complete Charlotte Mason curriculum!*

Keep It
Simple

One lesson per book per day!

1.  History, Geography, & Bible
Creation to Current
2.  Enrichment Studies
Art, Music, Literature, & More
3.  Individual Studies
Language Arts, Math, & Science

Simply
Charlotte Mason

Individual Studies for Grade 8

*A Year of Lesson Plans for Language Arts, Latin,
Personal Development, Math, and Science*

Second Edition

by
Sonya Shafer

Individual Studies for Grade 8: A Year of Lesson Plans for Language Arts, Latin, Personal Development, Math, and Science, Second Edition
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About the Second Edition

This second edition of Individual Studies, Grade 8, includes lesson plans for *Discovering Design with Earth Science*, which replace the lesson plans for the out-of-print option, *Exploring Creation with Physical Science, 2nd edition*. Both books are by Dr. Jay L. Wile and are appropriate for 8th grade science.

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How to Use

Most school subjects can be taught to your whole family together, but some subjects are best taught individually so you can progress at the student's pace. This book of lesson plans contains suggestions and assignments for individual work for students in grade 8. Complete one lesson plan per day to finish these studies in a school year.

Grade 8 is a year when the individual work load continues to increase in preparation for high school. The lesson plans in this book cover language arts, science, Latin, personal development, and math. The eighth-grade student is also expected to work on creating his own Book of Centuries and Book of Mottoes/commonplace book as he progresses in all subjects.

Language Arts

Students will continue to focus on English grammar by analyzing sentences. They will also progress in spelling, capitalization, punctuation, and English usage guidelines using the literary passages presented in *Spelling Wisdom, Book 3*, and the guided discovery lessons in *Using Language Well, Book 3*. The second half of these books will be completed this year; the first half was covered in grade 7.

Written narration will be assigned to encourage your student to continue to progress in organizing his thoughts on paper and applying guidelines he has learned about English grammar, usage, and mechanics. Rubrics and further instructions are provided in the *Using Language Well, Book 3, Teacher Guide & Answer Key*.

(Students also have the option of including additional grammar studies using *Analytical Grammar*. The lessons in this book cover Units 18–35 of that course. Units 1–10 were covered in grade 6; Units 11–17 in grade 7.)

Latin

A gentle introduction to Latin is continued with lessons twice a week. The last half of *Getting Started with Latin* is completed this year; the first half was covered in grade 7.

Personal Development

Students will continue to read, narrate, and discuss *Self-Knowledge (Ourselves, Book 1)* by Charlotte Mason. We recommend the Youth Edition from Simply Charlotte Mason, which is divided into individual readings with sidenotes, points to narrate and discuss, and exam questions. The first half of the book was completed last year; the rest will be covered this year.

Science

In grade 8, science lessons are more in-depth and should be completed individually. We recommend the use of a conversational textbook with a study of *Discovering Design with Earth Science*, this year. The lesson plans include key ideas for narration as well as an optional living science book on Johannes Kepler, who is mentioned in the course of study. Four quarterly review tests are also scheduled.

Nature Study is an important part of science studies; be sure to include it. Use the nature notebook, *Journaling a Year in Nature*, to guide your weekly study. Nature Study can be done all together as a family, but we have included reminders in these individual plans too.

Math

Use the math curriculum of your choice. We recommend an algebra course, but some eighth-grade students will not be ready for algebra while others will be past it. Teach the child. These lesson plans will include reminders to work on the math course of your choice. As with other individual work, be sure to go at your student's pace.

Complete Year's Resources List

- *My Book of Centuries*
- *Spelling Wisdom, Book 3*
Students will complete the last half of the book this year; the first half was covered in grade 7.
- *Using Language Well, Book 3, Student Book*
Students will complete the last half of the book this year; the first half was covered in grade 7.
- *Using Language Well, Book 3, Teacher Guide & Answer Key*
- (optional) *Analytical Grammar, Student Book and Teacher Book*
A companion video is also available that features the authors teaching the units.
- *Discovering Design with Earth Science* by Dr. Jay L. Wile; Student textbook; Answer Key & Tests Booklet
- (optional) *Johannes Kepler, Giant of Faith and Science* by John Hudson Tiner
- (optional) *Journaling a Year in Nature* notebooks, one per student
- *Getting Started with Latin* by William E. Linney
Students will complete the last half of the book this year; the first half was covered in grade 7.
- *Self-Knowledge* by Charlotte Mason (*Ourselves, Book 1, Youth Edition*)
Students will complete the last half of the book this year; the first half was covered in grade 7. Alternately, a condensed one-year reading schedule is included in the youth edition. If you want to read the entire book this year, follow that two-days-a-week schedule.
- Math course of choice
- Book of Mottoes, or commonplace journal

Where to Find the Resources

Simply Charlotte Mason (simplycharlottesmason.com)

- *My Book of Centuries*
- *Spelling Wisdom, Book 3*
- *Using Language Well, Book 3, Student and Teacher books*
- (optional) *Journaling a Year in Nature*
- *Self-Knowledge (Ourselves, Book 1, Youth Edition)*

Analytical Grammar (analyticalgrammar.com)

- (optional) *Analytical Grammar, Student and Teacher (and companion video if desired)*

Berean Builders (bereanbuilders.com)

- *Discovering Design with Earth Science* by Dr. Jay L. Wile; Student textbook; Answer Key & Tests booklet

Note: A corresponding *Earth Science Lab Kit* is available from *Berean Builders* that contains many of the items your student will need to complete the experiments in *Discovering Design with Earth Science*.

Your Favorite Bookstore (such as amazon.com or rainbowresource.com)

- *Getting Started with Latin* by William E. Linney
- (optional) *Johannes Kepler, Giant of Faith and Science* by John Hudson Tiner
- Math course of choice
- A blank journal to use as Book of Mottoes/commonplace notebook

Term 1

(12 weeks; 5 lessons/week)

Term 1 Resources List

- *My Book of Centuries*
- *Spelling Wisdom, Book 3*
- *Using Language Well, Book 3, Student Book*
- *Using Language Well, Book 3, Teacher Guide & Answer Key*
- (optional) *Analytical Grammar, Student and Teacher Books*
- *Discovering Design with Earth Science*
- (optional) *Johannes Kepler, Giant of Faith and Science*
- (optional) *Journaling a Year in Nature* notebooks
- *Getting Started with Latin*
- *Self-Knowledge (Ourselves, Book 1, Youth Edition)*
- Math course of choice
- Book of Mottoes, or commonplace journal

Weekly Schedule

Day One	Day Two	Day Three	Day Four	Day Five
Math (30 min.)	Math (30 min.)	Math (30 min.)	Math (30 min.)	Math (30 min.)
Latin (10–15 min.)	Spelling Wisdom & Using Language Well (20 min.)	Self-Knowledge (20–30 min.)	Latin (10–15 min.)	Spelling Wisdom & Using Language Well (20 min.)
Earth Science (30 min.)	Earth Science (30 min.)	Earth Science (30 min.)	Earth Science (30 min.)	Earth Science & Nature Study (30+ min.)
(opt.) Analytical Grammar (20 min.)		(opt.) Analytical Grammar (20 min.)	(opt.) Analytical Grammar (20 min.)	

Note: For those who would like more in-depth grammar study, optional plans are given (beginning in Lesson 11) for adding the third portion (Units 18–35) of *Analytical Grammar*, a three-year course. The first two portions (Units 1–17) were covered in grades 6 and 7.

Lesson 1

Materials Needed

- Math course of choice
- *Getting Started with Latin*
- *Discovering Design with Earth Science*

Math: Work on your selected math curriculum for about 30 minutes.

Latin: Review by translating several sentences from Lessons 63–67 in *Getting Started with Latin*. Allow your student to refer to previous lessons and vocabulary.

Science: Read in *Discovering Design with Earth Science*, pages iii-v, the “Introduction,” “How to Use This Book,” “Experiments and Activities,” “Experiment Supplies,” “Course Website,” and “Question/Answer Service” sections. Take a few moments to look over the materials that will be needed for the experiments in Chapter 1: “Basic Concepts Required to Study Earth Science” and gather them.

Note: A list of what materials are needed for the experiments in each chapter can be found in Appendix B, pages 517–523.

Tip: Allow your student to take notes as he reads the *Discovering Design with Earth Science* pages if desired. Answers to the *On Your Own* questions are included at the end of the module, but encourage your student to answer in his own words.

Lesson 2

Materials Needed

- Math course of choice
- *Spelling Wisdom, Book 3*
- *Using Language Well, Book 3, Student Book*
- *Using Language Well, Book 3, Teacher Guide & Answer Key*
- *Discovering Design with Earth Science*
- *My Book of Centuries*

Math: Work on your selected math curriculum for about 30 minutes.

Spelling and Grammar: Complete *Using Language Well, Book 3, Lesson 71*.

Tip: The lessons assigned in *Using Language Well, Book 3*, are designed to be completed independently. Check your student’s work and oversee the dictation portion when he is ready. See the *Using Language Well, Book 3, Teacher Guide & Answer Key* for details.

Book of Centuries Timeline

Aristotle (323–385 B.C.) determines through his observations that the earth is a sphere.

Eratosthenes (c. 276–194 B.C.) determines the distance around the earth by measuring the shadows of a stick in different locations on a specific day and at a specific time.

Science: Read in *Discovering Design with Earth Science*, Chapter 1, the “Introduction” and “The Earth’s Shape” sections and narrate them. Complete Experiment 1.1: “Hull Down” when you come to it in the reading. Answer Comprehension Check questions 1.1 and 1.2 either orally or in writing.

Enter Aristotle and Eratosthenes in *My Book of Centuries*. Use the suggestions in the Book of Centuries Timeline column here or customize your entry.

Tip: *Many of these lesson plans are scheduled with reading on some days and experiments on other days, providing plenty of time to set up, do the experiment(s), and clean up afterward. For some lessons, the plans will require both reading and an experiment on the same day.*

Lesson 3

Materials Needed

- Math course of choice
- *Self-Knowledge* (Ourselves, Book 1, Youth Edition)
- *Discovering Design with Earth Science*

Math: Work on your selected math curriculum for about 30 minutes.

Personal Development: Complete the Review on Readings 1–31 on page 230 in *Self-Knowledge*.

Tip: *A compressed one-year reading schedule is included in the youth edition. If your student did not read the first half of the book last year and you want to read the entire book this year, follow that two-days-a-week schedule.*

Science: Read in *Discovering Design with Earth Science*, Chapter 1, the “Chemicals” section and narrate it. Complete Experiment 1.2: “Very Similar but Very Different!” when you come to it in the reading. Answer Comprehension Check questions 1.3, 1.4, and 1.5 either orally or in writing.

Reminder: *Give your student some time today to make sure his Book of Centuries is caught up in all of the subjects: historical people and events, literary figures or authors, scientists, inventors, explorers, artists, composers, mathematicians, poets, and anyone or anything else meaningful from his studies.*

Lesson 4

Materials Needed

- Math course of choice
- *Getting Started with Latin*
- *Discovering Design with Earth Science*

Math: Work on your selected math curriculum for about 30 minutes.

Latin: Complete Lesson 68 in *Getting Started with Latin*.

***Tip:** During this gentle introductory Latin course, feel free to allow your student to refer to previous lessons and vocabulary as he translates sentences.*

Science: Read in *Discovering Design with Earth Science*, Chapter 1, the “It’s Just a Phase,” “Units,” “The Metric System,” and “Math With Units” sections and narrate them. Answer Comprehension Check questions 1.6, 1.7, and 1.8 either orally or in writing.

Lesson 5

Materials Needed

- Math course of choice
- *Spelling Wisdom, Book 3*
- *Using Language Well, Book 3, Student Book*
- *Using Language Well, Book 3, Teacher Guide & Answer Key*
- *Discovering Design with Earth Science*
- (optional) *Journaling a Year in Nature* notebooks

Math: Work on your selected math curriculum for about 30 minutes.

Spelling and Grammar: Complete *Using Language Well, Book 3*, Lesson 72.

Science: Read in *Discovering Design with Earth Science*, Chapter 1, the “Volume” and “Converting Between Metric Units” sections and narrate them. Answer Comprehension Check questions 1.9, 1.10, and 1.11 either orally or in writing.

Nature Study: Take the whole family outside for nature study. Use the prompts in *Journaling a Year in Nature* to guide your weekly study.

***Reminder:** Encourage your student to record at least two lines each week in his Book of Mottoes/commonplace journal. The lines should be personally selected quotations, poetry, excerpts, or Scripture passages that are meaningful to him. Explain that you will be checking each week to see that he has added at least two lines and is developing this good habit of culling ideas and inspiration from his reading.*

Lesson 6

Materials Needed

- Math course of choice
- *Getting Started with Latin*
- *Discovering Design with Earth Science*

Math: Work on your selected math curriculum for about 30 minutes.

Latin: Complete Lesson 69 in *Getting Started with Latin*.

Science: Read in *Discovering Design with Earth Science*, Chapter 1, the “Converting Between Unit Systems,” “The Importance of Factor-Label Method,” and Identifying Measurements Based on Units” sections and narrate them. Answer Comprehension Check questions 1.12, 1.13, and 1.14 either orally or in writing.

Reminder: Assign your student to write two narrations this week from his history, geography, Bible, or science readings. Use Rubric 3.5 from Using Language Well, Book 3, Teacher Guide & Answer Key to help you evaluate his writing. Continue oral narrations daily.

Lesson 7

Materials Needed

- Math course of choice
- *Spelling Wisdom, Book 3*
- *Using Language Well, Book 3, Student Book*
- *Using Language Well, Book 3, Teacher Guide & Answer Key*
- *Discovering Design with Earth Science*

Math: Work on your selected math curriculum for about 30 minutes.

Spelling and Grammar: Complete *Using Language Well, Book 3*, Lesson 73.

Science: Read in *Discovering Design with Earth Science*, Chapter 1, “It’s Not the Heat” section and narrate it. Complete Experiment 1.3: “Movement You Do Not See” when you come to it in the reading. Answer Comprehension Check question 1.15 either orally or in writing.

Lesson 8

Materials Needed

- Math course of choice
- *Self-Knowledge (Ourselves, Book 1, Youth Edition)*
- *Discovering Design with Earth Science*

Math: Work on your selected math curriculum for about 30 minutes.

Personal Development: Read, narrate, and discuss Reading 32 in *Self-Knowledge*.

***Tip:** If your student is unfamiliar with Charlotte Mason's style of writing, you may want to ease into these assignments. Start by reading the selection aloud, and then have your student narrate and discuss it orally. After a few weeks, ask your student to read a portion aloud. Gradually increase the amount your student reads aloud over the weeks until he seems comfortable with the writing style. At that point, you might begin to assign the readings to be done independently with written narrations, but keep doing oral discussions together. Or, if it works best for your student, just continue to do all of the readings, narrations, and discussions aloud together. The focus of personal development is on comprehension and life application more than academics. It is more important that your student grasps the ideas in *Self-Knowledge* than that he reads it silently and writes a narration.*

Science: Read in *Discovering Design with Earth Science*, Chapter 1, the "Measuring Temperature," "Measuring Density," and "Measuring Concentration" sections and narrate them. Answer Comprehension Check questions 1.16, 1.17, 1.18, and 1.19 either orally or in writing.

Lesson 9

Materials Needed

- Math course of choice
- *Getting Started with Latin*
- *Discovering Design with Earth Science*
- (optional) *Johannes Kepler, Giant of Faith and Science*

Math: Work on your selected math curriculum for about 30 minutes.

Latin: Complete Lesson 70 in *Getting Started with Latin*.

Science: Review and narrate Chapter 1: "Basic Concepts Required to Study Earth Science" in *Discovering Design with Earth Science* either orally or in writing. Try to cover these points: the shape of the earth, how ancient people knew the shape of the earth, chemical bonds, molecules, chemical reactions, chemical formulas, phases, units of measurement, volume, temperature, and concentration.

(optional) Johannes Kepler: Read the first half of chapter 1 in *Johannes Kepler, Giant of Faith and Science*, "The Boy Nobody Wanted," approximately pages 1–10, and write a narration.