

Simply Charlotte Mason presents

Individual Studies

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



Lesson Plans for Grade 7
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 7

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

Second Edition

by
Sonya Shafer

Individual Studies for Grade 7: A Year of Lesson Plans for Language Arts, Latin, Personal Development, Math, and Science

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About the Second Edition

This second edition of Individual Studies, Grade 7, includes lesson plans for *Science in the Atomic Age*, which replace the lesson plans for the out-of-print option, *Exploring Creation with General Science*, 2nd edition. Both books are by Dr. Jay L. Wile and are appropriate for 7th 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 7. Complete one lesson plan per day to finish these studies in a school year.

Grade 7 is a year when the individual work load begins to increase in preparation for high school. The lesson plans in this book cover language arts, science, Latin, personal development, and math. The seventh-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 a 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 first half of these books is completed this year; the rest will be covered in grade 8.

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 during Term 2 cover Units 11–17 of that course. Units 1–10 were covered in grade 6.)

Latin

A gentle introduction to Latin is begun with lessons just twice a week. The first half of the book, *Getting Started with Latin*, is completed this year; the rest will be covered in grade 8.

Personal Development

Students will begin 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 side notes, points to narrate and discuss, and exam questions.

The first half of the book is completed this year and the second half in grade 8.

Science

In grade 7, science lessons become more in-depth and should be completed individually. We recommend introducing the use of a conversational textbook with a study of *Science in the Atomic Age* this year. The lesson plans include key ideas for narration as well as an optional living science book on Blaise Pascal, who is mentioned in the course of study.

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 a pre-algebra course, but some seventh-grade students will not be ready for pre-algebra and 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 first half of the book this year; the rest is covered in grade 8.
- *Using Language Well, Book 3, Student Book*
Students will complete the first half of the book this year; the rest is covered in grade 8.
- *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.
- *Science in the Atomic Age* by Dr. Jay L. Wile: Student textbook; Answer Key & Tests booklet
- (optional) *A Piece of the Mountain: The Story of Blaise Pascal* by Joyce McPherson
- (optional) *Journaling a Year in Nature* notebooks, one per student
- *Getting Started with Latin* by William E. Linney
Students will complete the first half of the book this year; the rest is covered in grade 8.
- *Self-Knowledge* by Charlotte Mason (*Ourselves, Book 1, Youth Edition*)
Students will complete the first half of the book this year; the rest is covered in grade 8.
- 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*
- (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)

- *Science in the Atomic Age* by Dr. Jay L. Wile: Student textbook, Answer Key & Tests booklet

Note: A corresponding *Science in the Atomic Age Lab Kit* that contains many of the items your student will need to complete the experiments in *Science in the Atomic Age* is available from *Nature's Workshop Plus* (workshopplus.com).

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

- *Getting Started with Latin* by William E. Linney
- (optional) *A Piece of the Mountain: The Story of Blaise Pascal* by Joyce McPherson
- 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*
- *Science in the Atomic Age*
- (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.)
Spelling Wisdom & Using Language Well (20 min.)	Self-Knowledge (20–30 min.)	Latin (10–15 min.)	Spelling Wisdom & Using Language Well (20 min.)	Latin (10–15 min.)
Science (30 min.)	Science (30 min.)	Science (30 min.)	Science (30 min.)	Science & Nature Study (30+ min.)

Lesson 1

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*
- *Science in the Atomic Age*

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

Spelling and Grammar: Complete *Using Language Well, Book 3, Lesson 1*.

***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.*

Science: Read in *Science in the Atomic Age*, 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 and gather them.

***Note:** A list of what materials are needed for the experiments in each chapter can be found in Appendix B, pages 465-472.*

***Tip:** Allow your student to take notes as he reads the *Science in the Atomic Age* pages if desired. Answers to the *Comprehension Check* questions are included at the end of the module, but encourage your student to answer in his own words. The *Comprehension Check* questions are designed to help students think logically and apply what they have learned.*

Lesson 2

Materials Needed

- Math course of choice
- *Self-Knowledge (Ourselves, Book 1, Youth Edition)*
- *Science in the Atomic Age*
- *My Book of Centuries*

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

Book of Centuries Timeline

Robert Grosseteste (1175-1253) introduces the idea of testing conclusions about the natural world

Roger Bacon (1220-1292) is called the father of the scientific method for agreeing with Grosseteste regarding testing conclusions about the natural world.

Russell Humphreys (1942) correctly predicts the magnetic fields of Uranus and Neptune.

Edwin Hubble (1889-1953) gives evidence that the universe is expanding.

Albert Einstein (1879-1955) changes his ideas on the universe being "static" because of Hubble's evidence.

Personal Development: Read, narrate, and discuss Reading 1 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 *Science in the Atomic Age*, Chapter 1, the "Introduction," "The Scientific Method," "Laying Down the Law," and "Scientific Theories and Laws Can Be Wrong" sections and narrate them. Answer Comprehension Check questions 1.1, 1.2, and 1.3 either orally or in writing.

Enter Robert Grosseteste, Roger Bacon, Russell Humphreys, Edwin Hubble, and Albert Einstein in *My Book of Centuries*. Use the suggestions in the Book of Centuries Timeline column here or customize your entry.

Tip: If the number of entries for *My Book of Centuries* is too much for one day, feel free to spread the entries out over the next few days.

Lesson 3

Materials Needed

- Math course of choice
- *Getting Started with Latin*
- *Science in the Atomic Age*

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

Latin: Complete Lesson 1 in *Getting Started with Latin*.

Science: Read in *Science in the Atomic Age*, Chapter 1, the "How Science Can Relate to Concepts That Aren't Part of the Natural World" and "Doing Experiments" sections and narrate them. Complete Experiment 1.1: "Getting the 'M's' off M&M's" when you come to it in the reading. Answer Comprehension Check question 1.4 either orally or in writing.

Book of Centuries
Timeline

Reminder: Give your student some time today to make sure his Book of Centuries is caught up in all 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
- *Spelling Wisdom, Book 3*
- *Using Language Well, Book 3, Student Book*
- *Using Language Well, Book 3, Teacher Guide & Answer Key*
- *Science in the Atomic Age*

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

Spelling and Grammar: Complete *Using Language Well, Book 3, Lesson 2*.

Science: Read in *Science in the Atomic Age*, Chapter 1, the “Documenting Experiments,” “How to Document the Previous Experiment,” “Lab Reports in Other Science Courses,” and “Advice for the Rest of the Course” sections and narrate them. Answer Comprehension Check question 1.5 either orally or in writing.

Lesson 5

Materials Needed

- Math course of choice
- *Getting Started with Latin*
- *Science in the Atomic Age*
- (optional) *Journaling a Year in Nature* notebooks

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

Latin: Complete Lessons 2 and 3 in *Getting Started with Latin*.

Science: Review and narrate Chapter 1: “The Scientific Method and Experimentation” in *Science in the Atomic Age* either orally or in writing. Try to cover these points: scientific method, hypothesis, theory, scientific law, Law of Energy Conservation, Law of Mass Conservation.

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

Book of Centuries
Timeline

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
- *Spelling Wisdom, Book 3*
- *Using Language Well, Book 3, Student Book*
- *Using Language Well, Book 3, Teacher Guide & Answer Key*
- *Science in the Atomic Age*

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

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

Science: Look over the Chapter Review for Chapter 1 in *Science in the Atomic Age* and answer any questions listed that weren't included in your narration.

***Reminder:** Assign your student to write two narrations this week from his history, geography, Bible, or science readings. Use Rubric 3.1 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
- *Self-Knowledge (Ourselves, Book 1, Youth Edition)*
- *Science in the Atomic Age*

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

Personal Development: Read, narrate, and discuss Reading 2 in *Self-Knowledge*.

Science: Complete the Test for Chapter 1 of *Science in the Atomic Age* either orally or in writing.

***Tip:** Tomorrow is a catch-up day that you can use to complete Chapter 1 as needed.*

Lesson 8

Materials Needed

- Math course of choice
- *Getting Started with Latin*
- *Science in the Atomic Age*

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

Latin: Complete Lesson 4 in *Getting Started with Latin*.

***Tip:** Throughout the book you will find explanations of various Latin expressions that are still common today. Encourage your student to read those as he comes across them in the book, or read and discuss them together.*

Science: Use today to catch up and finish Chapter 1 of *Science in the Atomic Age* as needed. Look over the materials needed for the experiments in Chapter 2 and gather them.

Lesson 9

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*
- *Science in the Atomic Age*
- *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 4*.

Science: Read in *Science in the Atomic Age*, Chapter 2, the "Introduction" and "Learning That Atoms Are Made of Different Particles" sections and narrate them. Complete Experiment 2.1: "Making Charges" when you come to it in the reading. Answer Comprehension Check questions 2.1 and 2.2 either orally or in writing.

Enter John Dalton in *My Book of Centuries*. Use the suggestion in the Book of Centuries Timeline column here or customize your entry.

*John Dalton (1766-1844)
suggests a hypothesis of atoms
that seems to explain how
matter behaves*

Lesson 10

Materials Needed

- Math course of choice
- *Getting Started with Latin*
- *Science in the Atomic Age*