

Homeschool Sales Tips & Parent Lesson Planner Information

By Kristen Pratt

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Benefits of Master Books PLP's

- (1) If your student loves experiments, they can do them. If not, you have the option of skipping as many activities as you want. Our philosophy is to let the parent choose according to the needs of their student.
- (2) Master Books offers unique, out-of-the-box materials, found nowhere else: Not only do we have the absolute best in Creation, history, and geography materials, we make them easy to use and flexible. Master Books titles are also enduring and cost effective. They can be used as curriculum and then put on the book shelf for years of use by the entire family.
- (3) Unique benefits of the Parent Lesson Planners:
 - The suggested schedule is given but the instructor sets the due dates.
 - Parents can easily see if the child has done their work by looking at the checkmarks.
 - Record keeping is easy with the grades kept in the same place as the schedule.
 - All of the materials (schedules, worksheets, quizzes, tests, and answers) are found in one place and are well organized.
 - **Worksheets, quizzes, and tests are perforated and three-hole punched — materials are easy to tear out, hand out, grade, store and reproduce.**
 - The Parent Lesson Planners replace expensive teacher guides and are more practical since they were specially designed for homeschoolers.
- (4) Master Books Curriculum is **flexible**:
 - Parents can choose whether to test or not, and when to allow open book testing to adjust the difficulty for younger students.
 - Parents can choose how many and which activities their student completes, or freely add and substitute other activities to fit their child's interests and aptitudes.
 - Parents set their own due dates.
 - Parents can add or reduce the number of lessons in a week.
 - Generally, our materials are not grade-specific. They can be used for a range of grades, keeping the needs and abilities of the student in mind, with multiple levels of difficulty in the provided tests and worksheets where applicable.

Master Books really does fit into almost any style or homeschool setting!

Educational Approaches

Charlotte Mason: Directed Learning, Self-discipline & Good Habits, Developing a love for learning

- Master Books is a great fit for those following the Charlotte Mason method of homeschooling. Some of our most appropriate titles are those that least resemble a textbook. The Attic Books are a good fit in particular, and our other beautifully illustrated books.
- Charlotte Mason, though a Christian, believed in evolution. For those using the Charlotte Mason method who want a Creation perspective, Master Books is a great source.

Classical Method: The Greek model based on the Trivium - Grammar Stage, Logic Stage, and Rhetoric Stage

- The Stobaugh materials (History, Literature, and Rhetoric) are written in the Classical Method.
- Other Master Books materials flow quite well with the three stages, and may be selected according to the stage instead of following the grade recommendations.

Unit Studies: Focuses all or most subjects around a theme (ex. Horses, the Bible, Manners, Florida)

- While our curriculum is not specifically designed around a unit study, many of our books are topical in nature and may be selected as additional reading, supplements / electives, or an entire core course depending on the scope of the unit study.

Traditional: Uses the classroom approach and materials

- Master Books titles make excellent supplements to the traditional classroom. The PLP's also fit well into a structured schedule, and can help parents who are new to homeschooling make the step into the role of a teacher.
- The PLP's are structured to be usable across a range of grades, with multiple levels of difficulty in tests and worksheets where applicable. This allows you, as a teacher, to determine the level of difficulty and orient the course towards your student's strengths.
- Master Books Parent Lesson Planners and history courses are designed for homeschoolers. This is in contrast to traditional materials. This makes Master Books easier to use and usually less expensive. Master Books courses are flexible. We allow the parent to determine the grade level and schedule. Parents also determine how many projects and activities their student should do.

Independent Study: Student learns with little direct teaching or interaction.

- Uses curriculum that is self-instructional.
- May adapt any style or materials into an independent study program
- The Parent Lesson Planners make it easy for a parent using the independent study approach. The parent has the option of being as involved as little or much as they desire.
- Independent materials are by specific grade level. Master Books suggests grade level ranges, making our materials far more flexible and adaptable to student needs.
- Master Books Parent Lesson Planners and history courses are designed for homeschoolers. Most Independent Study teacher materials are expensive and set up for a traditional class room setting. Master Books Parent Lesson Planners are affordable and easy to use. Our courses are flexible. We allow the parent to determine the grade level and schedule. Parents also determine how many projects and activities their student should do.

One Room Schoolhouse: Multiple grade levels are taught at the same time

- Master Books is ideal for teaching several grade levels at the same time. Our courses offer a range of suggested grade levels for each course. Materials may be adjusted according to the needs of your students, removing or simplifying activities for younger students or assigning most of the activities for older students.

Eclectic: Uses a variety of materials and philosophies in their home schools

- Master Books curriculum, with its flexible design, is a great choice as a stand-alone course with room for you to add supplemental materials as desired, or as a supplement to your existing core materials
- Master Books offers a variety of courses, styles, and grade ranges

Unschooling or Relaxed: Child directed

- Master Books materials are engaging to students while still teaching the core lessons!
- DVD's and illustrated books hold your child's interest while presenting the lesson in an easy-to-understand fashion.

Learning Styles

Multiple Intelligences: Different ways in which students learn

- Auditory Learners learn best through hearing
- Visual Learners learn best through seeing
- Kinesthetic Learning learn best by feeling or experiencing it physically
- Personality traits may also be considered

Master Books curriculum is oriented primarily toward visual learning, with an emphasis on activities in the Parent Lesson Planners that help kinesthetic learners apply the concepts. Auditory learners will need extra parental involvement or group studies to read through the material and process it audibly. Some of our courses include DVD lessons which is helpful for both visual and auditory learners.

Transcript Course & Credit Tips

- (1) Credits are given for grades 9-12
- (2) Credits are based on this system:
 - Electives-120 hours is one credit, 60 hours is a half credit, and so on.
 - Academic Core course (such as History or English) - 150 hours to earn one credit (50 minutes a day, five days a week for 36 weeks equals 150 hours for core courses.)
 - Science with Lab course-180 hours for one credit.
 - Simply state the course name and how many credits the course is worth (Example: American History 1 Credit)
- (3) For science courses with labs, assign one credit even though the student typically spends 180 hours for the one credit rather than 150 hours. (Example: Biology with Lab 1 Credit)
- (4) Parents can use the course name assigned by Master Books or give it a new name. The name simply needs to describe the course content.
- (5) Science courses can be classified by many types such as physical science, general science, earth science, biology, chemistry, physics, anatomy, microbiology, etc. Instructors should make sure their student has courses in a variety of subject areas and appropriate for intended diploma type (i.e. General Diploma, College Prep Diploma, Rigorous College Prep Diploma)
- (6) More information can be found at <http://www.hslda.org/highschool/brochures.asp>. We also suggest contacting colleges your students are interested in for advice on course suggestions.

General FAQs and More

Q. Is there any extra reading? Is that reading required?

- A. Most Master Books courses do not have any extra reading. However, some do. Most extra reading assignments are listed the Activities sections and are optional. Literature has required extra reading. Please see each course description for information on required extra reading assignments.

Q. My child is not a good reader, is this good for them? Can it be modified for a weak reader?

- A. We suggest parents look at the materials and assess whether or not the course is appropriate for their student. Parents may read some of the material to their student if needed. Generally speaking, Master Books materials are not reading intense. However, every student is different. The parent needs to make this determination.

Q. History Curriculum isn't enough reading.

- A. We recommend parents add their own reading selections, if they feel it is necessary.

Q. History Curriculum: Answers are not in the reading. I have them in the teacher's guide but where is the student supposed to find them?

- A. Students are required to use reasoning skills. They must take what they have learned and apply logic to formulate their answers. This is a departure from standard question/answer format and may require a little bit of time for the student to adjust. The goal is to develop higher level thinking skills. While answers may vary some from the answer key, the student should show that they have an understanding of the material and can apply it logically. Parents may want to offer study suggestions to the student before taking quizzes and tests.

Q. How about my handicapped child who is years behind?

- A. We suggest parents look at the materials and assess whether or not they are appropriate for their student. Parents may alter the assignments, read the materials to the student, or make any number of alterations to the course to teach their student. Master Books provides flexibility, allowing the parent the ability to direct each course as necessary.

Q. What makes Master Books science a biology curriculum?

- A. Master Books biology courses are presented in an engaging, non-traditional manner. Biology topics are covered in several of our courses. Instructors should assess their student's needs and select courses based on their own transcript plan. Labs may be added and are highly recommended for biology, chemistry, and physics courses.

Q. How do I fill out the transcript for your science?

- A. Simply state the title of the course (including Labs if it has one) and the credit. For example: Advanced Pre-Med Studies with Lab - 1 Credit

Q. Why do you use the same Exploring books for both Jr. High and High School? How do you do that with same content and only the number of days/week being the difference? Even the tests are the same.

A. Master Books offers flexible plans. Similar to Saxon Math, our courses may be used for more than one grade level. A Jr. High student may be ready for more challenging material. We base our recommended grade levels on the difficulty of material, but factor in variable ranges of ability. Credits are assigned based on the number of hours the student is expected to do in order to successfully master the material. In addition, we offer a multiple of extra Activities throughout each course. It is expected that high school students will complete many of the Activities while younger students will complete fewer.

Q. Regarding the ½ credit courses.... What am I supposed to do with the other ½ credit?

A. Parents may simply assign ½ credit. Another ½ credit course may be added to give a full credit. Parents may list each ½ credit course by the name given by Master Books or they may combine them and assign a new course name. Some Master Books courses are part of a series. We suggest seeing if a full credit course is available in the series an additional option.

Q. Is the ACT/SAT a college prep course?

A. Yes. Other curriculum providers offer similar type high school courses. This course may be listed as an elective on a high school transcript.

Q. Do your science courses include labs?

A. Our science courses include optional lab suggestions for credit as lab science curriculum. Suggested lab kits are listed with each course. For convenience we have suggested materials from one supplier (www.HomeTrainingTools.com), but you may want to check with local homeschool co-ops and your public school to see if they offer lab facilities or have other options available for you.

General Course and Parent Lesson Planner Info

While each Parent Lesson Planner is specifically tailored towards each course, the features include:

- Daily Schedule
- Worksheets (Materials to be completed by the student)
- Quizzes and Tests
- Answer Keys
- Instructions and tips for teaching the course

The Parent Lesson Planners replace expensive teacher guides and are more practical since they are specifically designed for homeschoolers. Parent Lesson Planners are flexible, giving the parent instructors freedom to tailor the program to their family.

You will love how well organized the Parent Lesson Planners are:

- A suggested schedule is given, but the instructor sets the due dates and can adjust the schedule and materials to fit within your educational program.
- Parents can easily see if the child has done their work by looking at the checkmarks.
- Record keeping is easy with the grades kept in the same place as the schedule
- All of the materials (schedules, worksheets, quizzes, tests, and answer keys) are found in one place and are well organized.
- Worksheets, quizzes, and tests are perforated and three-hole punched — materials are easy to tear out, hand out, grade, and store.
- Parents are free to rename a course. Course names are suggestions.
- Most courses include additional activities which may include reports, experiments, and other applied learning assignments. Parents decide which, if any, of these activities to assign to their student.

Grade Levels are recommendations. Instructors should keep the needs and abilities of the student in mind when selecting materials.

Optional Labs: There are a variety of companies that offer science labs that complement our courses. The recommended items are only suggestions, not requirements, and they are not included in the daily schedule. We have tried to find materials that are free of evolutionary teaching, but please review any materials you may purchase.

There are a variety of companies that offer science materials including Home Science Tools and Nature's Workshop Plus, etc. For convenience we have suggested materials from one supplier, www.HomeTrainingTools.com. This is not an endorsement but rather a convenience for our customers. Please shop the homeschool market for your lab needs.

- You may also want to check with local homeschool co-ops and other groups providing labs.
- Some public schools allow use of their labs for Home schooled children.

Calculating Credits: Be sure to count any additional hours spent on added research, essay writing assignments, or suggested lab work, if assigned during each course. Elective courses that take 60 hours are commonly assigned ½ credit, while those 120 hours or more are assigned a full credit; core courses require over 150 hours for a credit. Based on whether this is being used as a core or elective course, make your final credits calculation based on the total hours of coursework completed in the year.

Specific Course Information

High School History

Biblical Archaeology – 1 Credit

Recommended Grades: 10-12

Includes: *Unwrapping the Pharaohs; Unveiling the Kings of Israel; The Archaeology Book*

<http://www.nlpg.com/biblical-archaeology-curriculum>

Alternative Names:

- Historical Archaeology
- History of the Ancient World
- Cultural Studies of the Ancient World
- Ancient Egyptian and Israeli History and Archaeology

Parents may assign this as a History or Elective credit. It could possibly be used as a science credit due to the central Archaeology them.

Unwrapping the Pharaohs includes a DVD.

This is a challenging course. The student must have good reading comprehension and critical thinking skills. The Activities include building a timeline, map skills, and writing a variety of reports.

Christian Heritage – 1 Credit

Recommended Grades: 8-12

Includes: *For You They Signed*

<http://www.nlpg.com/christian-heritage-curriculum>

Alternative Names:

- For You They Signed
- History of the Signers of the Declaration of Independence
- Character Studies of the Signers
- U. S. Spiritual Heritage Studies

Parents may assign this as a History or Elective credit.

This course easily adapts to multi-age/grade level learning. The course can also be used for family devotions. As a high school course, it is recommended students complete research reports on several of the Signers. Younger students can answer fewer questions and take open book tests.

High School Science

Advanced Pre-Med Studies – 1 Credit

Recommended Grades: 10-12

Includes: *Building Blocks in Life Science; Genesis of Germs; Body by Design; The History of Medicine*

<http://www.nlpg.com/advanced-pre-med-studies-curriculum>

Alternative Names:

- Medical Science
- Life Science
- Genetics, Biology, and Life Science
- Foundations of Medical Science

Parents may assign this as a Science or Elective credit. The description “with Lab” may be added to course title if student completes about 30 hours of lab work. We highly recommend adding the Lab work to this course.

This is a challenging course. The student must have good reading comprehension and critical thinking skills. I would recommend this course for the student who loves the study of biology, medicine, and the human body. It is especially good for any high school student who is planning on a career in the medical field.

Optional Labs (Highly Recommended)

We highly recommend the purchase of good microscope and general slide sets.

Scientific coloring books may also be helpful.

(Materials Available from www.HomeTrainingTools.com)

The History of Medicine

[BE-BACKIT](#) Bacteria Experiment Kit
[CM-HUMXRAY](#) True-to-Life Human X-Rays Set

Recommended Microscope Slides:
[MS-SETHPAT](#) Human Pathology Slide Set

Building Blocks in Life Science

[CM-DNAMOD](#) DNA Molecular Model Kit
[KT-ISDNAEX](#) DNA Extraction Kit
[LM-GROFROG](#) Grow-A-Frog Kit

Recommended Microscope Slides:
[MS-SETBIO](#) Biology Slide Set
[MS-SETHPAT](#) Human Pathology Slide Set

The Genesis of Germs

Choose from:

[KT-BACSOAP](#) Bacteria Hand Washing Experiment Kit
[KT-MICLIFE](#) Microscopic Life Kit
[BE-BACKIT](#) Bacteria Experiment Kit

Recommended Microscope Slides:
[MS-SETWAT](#) Water Life Slide Set
[MS-SETHPAT](#) Human Pathology Slide Set
(Also used for Life Science)

Body By Design

[CB-GRAYSCB](#) Gray’s Anatomy Coloring Book
[CM-DNAMOD](#) DNA Molecular Model Kit
(Also used for Life Science)
[KT-SWDNA](#) Science Wiz DNA Kit
[CM-VIMAN](#) Visible Man Model, 16"
[CM-TORSOSM](#) Human Body Model, Small

Recommended Microscope Slides:
[MS-SETANA](#) Anatomy Slide Set
[MS-SETHPAT](#) Human Pathology Slide Set
(Also used for Life Science & Genesis of Germs)

Survey of Astronomy – 1 Credit

Recommended Grades: 10-12

Includes: *The Stargazer’s Guide to the Night Sky; Taking Back Astronomy; Our Created Moon* (Book & DVD);
Created Cosmos (DVD)

<http://www.nlpg.com/survey-of-astronomy-curriculum>

Alternative Names:

- Astronomy
- Astronomy 101
- The Study of Astronomy
- High School Astronomy

Parents may assign this as a Science or Elective credit. The description “with Lab” may be added to course title if student completes about 30 hours of lab work.

Optional Lab Equipment

A good telescope is highly recommended.

(Materials Available from www.HomeTrainingTools.com)

AS-ASTRLAB Astrolabe Kit

AS-STARLOC Star and Planet Locator

Survey of Astronomy – 1/2 Credit

Recommended Grades: 7-9

Includes: *The Stargazer's Guide to the Night Sky*

<http://www.nlpg.com/intro-to-astronomy-curriculum>

Alternative Names:

- Basic Astronomy
- Beginning Astronomy

Parents may assign this as a Science or Elective credit. The description “with Lab” may be added to course title if student completes about 15 hours of lab work.

A full year course is also available: **Survey of Astronomy**

<http://www.nlpg.com/survey-of-astronomy-curriculum>

Optional Lab Equipment

A good telescope is highly recommended.

(Materials Available from www.HomeTrainingTools.com)

AS-ASTRLAB Astrolabe Kit

AS-STARLOC Star and Planet Locator

Life Science Origins & Scientific Theory – 1 Credit

Recommended Grades: 10-12

Includes: *Evolution: The Grand Experiment; Living Fossils*

<http://www.nlpg.com/life-science-origins-scientific-theory-curriculum>

Alternative Names:

- The Study of Origins
- Life Science of Origins
- Origins & Scientific Theory
- Paleontology & Origins

Parents may assign this as a Science or Elective credit. The description “with Lab” may be added to course title if student completes about 30 hours of lab work.

We consider this a “Must Have” course for Christian families. It is a foundational course in understanding the evolution/Creation debate. It can be adapted to multi-level teaching. Younger students would answer fewer questions and take open-book quizzes.

Optional Labs

(Materials Available from www.HomeTrainingTools.com)

Evolution: The Grand Experiment Volume 1

[CM-DNAMOD](#) DNA Molecular Model Kit

[RM-TRILKIN](#) Fossil Trilobite

Living Fossils Evolution: The Grand Experiment Volume 2

[RM-FOSSIL2](#) General Fossil Collection, 15 Specimens

Natural Science: The Story of Origins – 1/2 Credit

Recommended Grades: 10-12

Includes: *Evolution: The Grand Experiment*

<http://www.nlpg.com/natural-science-the-story-of-origins>

Alternative Names:

- The Study of Origins I
- Life Science of Origins I
- Origins & Scientific Theory I
- Paleontology & Origins I

We consider this a “Must Have” course for Christian families. It is a foundational course in understanding the evolution/Creation debate. It can be adapted to multi-level teaching. Younger students would answer fewer questions and take open-book quizzes.

A full year course is also available in this series: **Life Science Origins & Scientific Theory**

<http://www.nlpg.com/life-science-origins-scientific-theory-curriculum>

Parents may assign this as a Science or Elective credit. The description “with Lab” may be added to course title if student completes about 15 hours of lab work.

Optional Labs

(Materials Available from www.HomeTrainingTools.com)

CM-DNAMOD DNA Molecular Model Kit

RM-TRILKIN Fossil Trilobite

The Parent Lesson Planner for this course is available for free at:

<http://www.nlpg.com/plp-natural-science-the-story-of-origins>.

Paleontology: Living Fossils – 1/2 Credit

Recommended Grades: 10-12

Includes: *Living Fossils*

<http://www.nlpg.com/paleontology-living-fossils>

Alternative Names:

- The Study of Origins II
- Life Science of Origins II
- Origins & Scientific Theory II
- Paleontology & Origins II

We consider this a “Must Have” course for Christian families. It is a foundational course in understanding the evolution/Creation debate. It can be adapted to multi-level teaching. Younger students would answer fewer questions and take open-book quizzes.

A full year course is also available in this series: **Life Science Origins & Scientific Theory**

<http://www.nlpg.com/life-science-origins-scientific-theory-curriculum>

Parents may assign this as a Science or Elective credit. The description “with Lab” may be added to course title if student completes about 15 hours of lab work.

Optional Labs

(Materials Available from www.HomeTrainingTools.com)

Living Fossils Evolution: The Grand Experiment Volume 2

RM-FOSSIL2 General Fossil Collection, 15 Specimens

The Parent Lesson Planner for this course is available for free at:

<http://www.nlpg.com/paleontology-living-fossils-plp>.

Survey of Science Specialties – 1 Credit

Recommended Grades: 10-12

Includes: *The Cave Book*; *The Fossil Book*; *The Geology Book*; *The Archaeology Book*

<http://www.nlpg.com/survey-of-science-specialties-curriculum>

Alternative Names:

- Geology, Paleontology & Archaeology
- Survey of Geology, Paleontology & Archaeology
- Survey of Natural Science
- General Science of Geology, Paleontology & Archaeology

Parents may assign this as a Science or Elective credit. The description “with Lab” may be added to course title if student completes about 30 hours of lab work.

This is a great science course for that student who is more interested in geology and archaeology than some of the more traditional science courses. It is an “out of the box” type course that will liven up your student’s transcript.

Optional Labs

(Materials Available from www.HomeTrainingTools.com)

The Cave Book

RM-CRYSGAR Flowering Rock Crystal Garden

The Fossil Book

RM-FSTUDY Fossil Study Kit

The Geology Book

RM-GEOBAG Geology Field Trip in a Bag

RM-ROCKMIN Rocks & Minerals of the U. S. Basic Set

Survey of Science History & Concepts – 1 Credit

Recommended Grades: 10-12

Includes: *Exploring the World of Biology; Exploring the World of Chemistry; Exploring the World of Mathematics; Exploring the World of Physics*

<http://www.nlpg.com/survey-of-science-history-concepts-curriculum>

Alternative Names:

- Survey of Science
- General Science
- Survey of Biology, Chemistry, Physics, and Mathematics
- General Science of Biology, Chemistry, Physics, and Mathematics

Parents may assign this as a Science or Elective credit. The description “with Lab” may be added to course title if student completes about 30 hours of lab work.

This is a great science course for that student who is better at concepts than calculations. It is an “out of the box” type course that will liven up your student’s transcript.

Optional Labs

We highly recommend the purchase of good microscope and general slide sets.

Scientific coloring books may also be helpful.

(Materials Available from www.HomeTrainingTools.com)

The World of Biology

DE-KIT01 Introductory Dissection Kit
(Intermediate & Advanced Kits available.)

PM-OWLKIT Owl Pellet Study Kit

LM-BFLYGAR Butterfly Garden

Recommended Microscope Slides:

MS-SETBIO Biology Slide Set

The World of Chemistry

CM-ELEMATS Laminated Placemat Size Chart-The Elements Periodic Tables

KT-CHEM1K Chem C1000 Kit

The World of Physics

KT-PHYSKIT Physics Workshop Kit

Geology & Biblical History – 1 Credit

Recommended Grades: 8-9

Includes: *Your Guide to the Grand Canyon, Your Guide to Yellowstone, Your Guide to Zion & Bryce Canyon National Parks; Explore the Grand Canyon, Explore Yellowstone, Explore Yosemite & Zion* (DVDs)

<http://www.nlpg.com/geology-biblical-history-curriculum>

Alternative Names:

- Geology of US National Parks
- US Geology & History
- Ecology, Geology, and History of US National Parks
- Geologic Survey of US National Parks

Parents may assign this as a Science or Elective credit. It could possibly be used as a history credit since it covers so much history of the parks. It is an “out of the box” type course that will liven up your student’s transcript.

It is expected that high school students will complete many of the extra Activities while younger students will complete fewer of them.

Students who enjoy this course may also like the full series of Awesome Science DVDs:

Explore Glacier National Park

<http://www.nlpg.com/explore-glacier-national-park-with-noah-justice>

Explore Rocky Mountain National Park

<http://www.nlpg.com/explore-rocky-mountain-national-park-with-noah-justice>

Explore Meteor Crater & Petrified Forest

<http://www.nlpg.com/explore-meteor-crater-and-petrified-forest-with-noah-justice>

Explore Mount Saint Helens

<http://www.nlpg.com/explore-mt-st-helens-with-noah-justice>

Explore John Day Fossil Beds

<http://www.nlpg.com/explore-john-day-fossil-beds-with-noah-justice>

Basic Pre-Med Studies – 1/2 Credit

Recommended Grades: 8-9

Includes: *Building Blocks in Life Science; Genesis of Germs*

<http://www.nlpg.com/basic-pre-med-curriculum>

Alternative Names:

- Medical Science I
- Life Science I
- Genetics & Life Science
- Life Science Foundations and the Genetics of Disease

Parents may assign this as a Science or Elective credit. The description “with Lab” may be added to course title if student completes about 15 hours of lab work. We highly recommend adding the Lab work to this course.

This is a challenging topic. We recommend this course for the student who loves the study of medicine and genetics. It is especially good for any high school student who is planning on a career in the medical field. This course can easily be paired with another ½ year course for a full year course.

A full year course is also available in this series: **Advanced Pre-Med Studies**

<http://www.nlpg.com/advanced-pre-med-studies-curriculum>

It is expected that high school students will complete many of the extra Activities while younger students will complete fewer of them.

Optional Labs:

We highly recommend the purchase of good microscope and general slide sets.

Scientific coloring books may also be helpful.

(Materials Available from www.HomeTrainingTools.com)

Building Blocks in Life Science

[CM-DNAMOD](#) DNA Molecular Model Kit

[KT-SWDNA](#) Science Wiz DNA Kit

[LM-GROFROG](#) Grow-A-Frog Kit

Recommended Microscope Slides:

[MS-SETBIO](#) Biology Slide Set

[MS-SETHPAT](#) Human Pathology Slide Set

The Genesis of Germs

Choose from:

[KT-BACSOAP](#) Bacteria Hand Washing Experiment Kit

[KT-MICLIFE](#) Microscopic Life Kit

[BE-BACKKIT](#) Bacteria Experiment Kit

Recommended Microscope Slides:

[MS-SETWAT](#) Water Life Slide Set

[MS-SETHPAT](#) Human Pathology Slide Set

(Also used for Life Science)

The Science of Life: Biology – 1/2 Credit

Recommended Grades: 8-9

Includes: *Building Blocks in Life Science; Building Blocks in Science*

<http://www.nlpg.com/the-science-of-life-biology-curriculum>

Alternative Names:

- Survey of Life Science
- Survey of Biology & Life Science
- Intro. to Life Science
- Life Science Foundations

Parents may assign this as a Science or Elective credit. The description “with Lab” may be added to course title if student completes about 30 hours of lab work. We highly recommend adding the Lab work to this course.

This is a great science course for that student who wants something other than the more traditional science courses. It is an “out of the box” type course that will liven up your student’s transcript. This course can easily be paired with another ½ year course for a full year course.

It is expected that high school students will complete many of the extra Activities while younger students will complete fewer of them.

Optional Labs:

We highly recommend the purchase of good microscope and general slide sets.

Scientific coloring books may also be helpful.

(Materials Available from www.HomeTrainingTools.com)

Building Blocks in Science

[KT-ISDNAEX](#) DNA Extraction Kit

[BE-BLDTEST](#) Blood Test Kit, Individual

Building Blocks in Life Science

[CM-DNAMOD](#) DNA Molecular Model Kit

[KT-SWDNA](#) Science Wiz DNA Kit

[LM-GROFROG](#) Grow-A-Frog Kit

Recommended Microscope Slides:

[MS-SETBIO](#) Biology Slide Set

[MS-SETHPAT](#) Human Pathology Slide Set

Intro to Archaeology & Geology – 1/2 Credit

Recommended Grades: 7-9

Includes: *The Archaeology Book*; *The Geology Book*

<http://www.nlpg.com/intro-to-archaeology-geology-curriculum>

Alternative Names:

- Survey of Archaeology & Geology
- Archaeology & Geology

Parents may assign this as a Science or Elective credit. The description “with Lab” may be added to course title if student completes about 30 hours of lab work.

This is a great science course for the student who wants something more than a traditional science course. This is an “out of the box” type courses that will liven up your student’s transcript. This course can easily be paired with another ½ year course in this series for a full year course.

A full year course is also available in this series: **Survey of Science Specialties**

<http://www.nlpg.com/survey-of-science-specialties-curriculum>

It is expected that high school students will complete many of the extra Activities while younger students will complete fewer of them.

Optional Labs

(Materials Available from www.HomeTrainingTools.com)

RM-GEOBAG Geology Field Trip in a Bag

RM-ROCKMIN Rocks & Minerals of the U. S. Basic Set

Intro to Meteorology & Astronomy – 1/2 Credit

Recommended Grades: 7-9

Includes: *The Weather Book*; *The Astronomy Book*

<http://www.nlpg.com/intro-to-meteorology-astronomy-curriculum>

Alternative Names:

- Survey of Meteorology & Astronomy
- Meteorology & Astronomy

Parents may assign this as a Science or Elective credit. The description “with Lab” may be added to course title if student completes about 30 hours of lab work.

This is a great science course for the student who wants something more than a traditional science course. This is an “out of the box” type course that will liven up your student’s transcript. This course can easily be paired with another ½ year course in this series for a full year course.

It is expected that high school students will complete many of the extra Activities while younger students will complete fewer of them.

Optional Labs

(Materials Available from www.HomeTrainingTools.com)

The Weather Book

KT-WESTUDY Weather Study Kit

The Astronomy Book

KT-SPACEXP Space Exploration Kit

Intro to Oceanography & Ecology – 1/2 Credit

Recommended Grades: 7-9

Includes: *The Ocean Book*; *The Ecology Book*

<http://www.nlpg.com/intro-to-oceanography-ecology-curriculum>

Alternative Names:

- Survey of Oceanography & Ecology
- Oceanography & Ecology

Parents may assign this as a Science or Elective credit. The description “with Lab” may be added to course title if student completes about 30 hours of lab work.

This is a great science course for the student who wants something more than a traditional science course. This is an “out of the box” type courses that will liven up your student’s transcript. This course can easily be paired with another ½ year course in this series for a full year course.

It is expected that high school students will complete many of the extra Activities while younger students will complete fewer of them.

Optional Labs

(Materials Available from www.HomeTrainingTools.com)

The Ocean Book

[LM-SEAMONK](#) Sea Monkey Ocean Zoo

[PM-OSTRACO](#) "Sea-Firefly" Bioluminescence Kit (Requires microscope)

[BE-SEALIFE](#) Sea Life Shell Collection

The Ecology Book

[BE-ANALYZE](#) 4-Way Soil Analyzer

[LM-BOTDISC](#) Botanical Discoveries

[BE-TREEKIT](#) Tree & Leaf Identification Kit

[BE-TREERNG](#) Tree Ring Kit

Intro to Speleology & Paleontology – 1/2 Credit

Recommended Grades: 7-9

Includes: *The Cave Book*; *The Fossil Book*

<http://www.nlpg.com/intro-to-speleology-paleontology-curriculum>

Alternative Names:

- Survey of Speleology & Paleontology
- Speleology & Paleontology

Parents may assign this as a Science or Elective credit. The description “with Lab” may be added to course title if student completes about 30 hours of lab work.

This is a great science course for the student who wants something more than a traditional science course. This is an “out of the box” type course that will liven up your student’s transcript. This course can easily be paired with another ½ year course in this series for a full year course.

A full year course is also available in this series: **Survey of Science Specialties**

<http://www.nlpg.com/survey-of-science-specialties-curriculum>

It is expected that high school students will complete many of the extra Activities while younger students will complete fewer of them.

Optional Labs

(Materials Available from www.HomeTrainingTools.com)

The Cave Book

RM-CRYSGAR Flowering Rock Crystal Garden

The Fossil Book

RM-FSTUDY Fossil Study Kit

Concepts of Science Medicine & Biology – 1/2 Credit

Recommended Grades: 7-9

Includes: *Exploring the World of Biology; Exploring the History of Medicine*

<http://www.nlpg.com/concepts-of-medicine-biology-curriculum>

Alternative Names:

- Survey of Medicine & Biology
- Medicine & Biology

Parents may assign this as a Science or Elective credit. The description “with Lab” may be added to course title if student completes about 15 hours of lab work. We highly recommend adding the Lab work to this course.

This is a great science course for that student who wants something other than the more traditional science courses. It is an “out of the box” type course that will liven up your student’s transcript. It is especially good for any high school student who is planning on a career in the medical field. This course can easily be paired with another ½ year course in this series for a full year course.

It is expected that high school students will complete many of the extra Activities while younger students will complete fewer of them.

Optional Labs

We highly recommend the purchase of good microscope and general slide sets.

Scientific coloring books may also be helpful.

(Materials Available from www.HomeTrainingTools.com)

The History of Medicine

BE-BACKIT Bacteria Experiment Kit
CM-HUMXRAY True-to-Life Human X-Rays Set

Recommended Microscope Slides:

MS-SETHPAT Human Pathology Slide Set

The World of Biology

DE-KIT01 Introductory Dissection Kit
(Intermediate & Advanced Kits available)
PM-OWLKIT Owl Pellet Study Kit
LM-BFLYGAR Butterfly Garden

Recommended Microscope Slides:

MS-SETBIO Biology Slide Set

Concepts of Science Mathematics & Physics – 1/2 Credit

Recommended Grades: 7-9

Includes: *Exploring the World of Mathematics; Exploring the World of Physics*

<http://www.nlpg.com/concepts-of-mathematics-physics-curriculum>

Alternative Names:

- Survey of Mathematics & Physics
- Mathematics & Physics

Parents may assign this as a Science or Elective credit. The description “with Lab” may be added to course title if student completes about 15 hours of lab work.

This is a great science course for that student who is better at concepts than calculations. It is an “out of the box” type course that will liven up your student’s transcript. It is especially good for any high school student who is planning on a career in the medical field. This course can easily be paired with another ½ year course in this series for a full year course.

A full year course is also available in this series: **Survey of Science History & Concepts**

<http://www.nlpg.com/survey-of-science-history-concepts-curriculum>

It is expected that high school students will complete many of the extra Activities while younger students will complete fewer of them.

Optional Labs

(Materials Available from www.HomeTrainingTools.com)

The World of Physics

KT-PHYSKIT Physics Workshop Kit

Concepts of Science Earth Science & Chemistry – 1/2 Credit

Recommended Grades: 7-9

Includes: *Exploring Planet Earth; Exploring the World of Chemistry*

<http://www.nlpg.com/concepts-of-earth-science-chemistry-curriculum>

Alternative Names:

- Survey of Earth Science & Chemistry
- Earth Science & Chemistry

Parents may assign this as a Science or Elective credit. The description “with Lab” may be added to course title if student completes about 15 hours of lab work.

This is a great science course for that student who is better at concepts than calculations. It is an “out of the box” type course that will liven up your student’s transcript. This course can easily be paired with another ½ year course in this series for a full year course.

It is expected that high school students will complete many of the extra Activities while younger students will complete fewer of them.

Optional Labs

(Materials Available from www.HomeTrainingTools.com)

Exploring Planet Earth

RM-ORNCOMP Orienteering Compass

The World of Chemistry

CM-ELEMATS Laminated Placemat Size Chart-The Elements Periodic Tables

KT-CHEM1K Chem C1000 Kit

Concepts of Biogeography & Astronomy – 1/2 Credit

Recommended Grades: 7-9

Includes: *Exploring the World Around You; Exploring the World of Astronomy*

<http://www.nlpg.com/concepts-of-biogeography-astronomy-curriculum>

Alternative Names:

- Survey of Biogeography & Astronomy
- Biogeography & Astronomy

Parents may assign this as a Science or Elective credit. The description “with Lab” may be added to course title if student completes about 15 hours of lab work.

This is a great science course for that student who is better at concepts than calculations. It is an “out of the box” type course that will liven up your student’s transcript. It is especially good for any high school student who is interested in nature, biomes, conservation, or various studies in astronomy. This course can easily be paired with another ½ year course in this series for a full year course.

It is expected that high school students will complete many of the extra Activities while younger students will complete fewer of them.

Optional Science Labs

(Materials available from www.HomeTrainingTools.com)

Exploring the World Around Us

KT-YNATKID Backyard Naturalist's Backpack Kit

Exploring the World of Astronomy

PP-KTEART1 RSO Earth & Space Science Kit Level 1

Applied Science: Studies of God’s Design in Nature – 1 Credit

Recommended Grades: 7-9

Includes: *Discovery of Design; Champions of Invention, Made in Heaven*

<http://www.nlpg.com/applied-science-studies-of-gods-design-in-nature-curriculum>

Alternative Names:

- Fundamentals in Applied Science
- Advances in Applied Science &Technology

Parents may assign this as a Science or Elective credit. Simple experiments are included, and the description “with Lab” may be added to course title if student completes about 15 hours of lab work. A research paper on an inventor and the challenge to create an inventor’s project notebook using a student’s idea inspired by discoveries from nature is also part of the educational program.

This is a great science course for that student who is better at concepts than calculations. It is a unique, “out of the box” type course that will liven up your student’s transcript. It is especially good for any high school student who is interested in how gadgets work, new technology, and advanced concepts in science specialties that have a practical, everyday application. Cutting edge creativity in science is a hallmark of this course.

This course should appeal to those who like a hands-on approach due to the activities and experiments. It is also appropriate for those following the Charlotte Mason approach due to the use of real books and the practical application focus of the course.

It is expected that high school students will complete many of the extra Activities while younger students will complete fewer of them.

Optional Science Lab:

Activities and experiments are already included in the materials.

High School Language Studies

Introduction to Biblical Greek – ½ credit

Recommended Grades: 10-12

Includes: *It's Not Greek to Me: 10 Lessons in Greek* (DVD)

<http://www.nlpg.com/intro-to-biblical-greek-curriculum>

Alternative Names:

- Learning Koine Greek
- Biblical Languages: Koine Greek

Parents may assign this as a Language Studies or Elective credit. This is a fun and challenging course for students who want to have working knowledge of biblical Greek or plan to take additional classes in biblical Greek in college or seminary settings. It is an “out of the box” type course, with flexible scheduling that can last several weeks, a semester, or even a full year if included suggestions for expansion of the course are taken and utilized. It is especially good for any high school student who is interested in languages or is seeking a deeper understanding of the New Testament and its original language.

Additional helps:

Practice sheets and helpful links to additional online sources are included.

High School Economics

Intro to Economics: Money, History, and Fiscal Faith

Recommended Grades: 9-12

Includes: *Money Wise: Biblical Principles of Work and Finances* (DVD); *Bankruptcy of Our Nation*
<http://www.nlpg.com/intro-to-economics-money-history-fiscal-faith-curriculum>

Alternative Names:

- Finances & Faith
- Economics in Action: Faith & Financial Factors
- Applied Economics

Parents may assign this as an Economics or Elective credit. Project does include several special activities for students to apply “real-world” principles to achieve greater understanding.

This is a unique economics course addressing the history, challenges, and biblical wisdom on money. It is an “out of the box” type course. It is especially good for any high school student who wants to learn more about how people and governments handle money – both positive and negative - as well as developing a foundation for more advanced coursework in finance-related classes. This course goes beyond just general concepts of money – in addition to historical perspectives on practices that still exist today, the course provides the opportunity for a student to develop a greater awareness and responsibility about personal finances and attitudes on work.

New York, and possibly other states require Economics as a high school course.

This course is a “must-have” course for life preparation.

Elementary History

Elementary World History – You Report!

Recommended Grades: 5-8

Includes: *Big Book of History*; *Noah’s Ark: Thinking Outside the Box* (Book & DVD)

<http://www.nlpg.com/elementary-world-history-your-report-curriculum>

Alternative Names:

- A Timeline of World History
- Exploring World History

This is a unique course for elementary students as they study world history from the standpoint of a young journalist actively reporting as they learn. It is especially good for students who enjoy exploration and interesting historical details. The course contains assignments that help to maximize their study of this unique timeline featuring history related to biblical and Christian history, inventions, civilizations, and empires. So much more than just learning important dates, this curriculum is a springboard to a better understanding of when events occurred in relation to other history. Visual and fun, the course explores a lot of details, and includes a special research paper on Noah’s ark. Students gain the skills and understanding needed to complete the paper by the end of the course.

This course does not include quizzes or tests, but rather utilizes oral or written reports to demonstrate understanding. It also utilizes reviews, allowing the student to study the material three different ways before moving on.

This course will especially appeal to Charlotte Mason followers since it uses real books, copy work, time line creation, relatively short lessons, and room in the schedule to dig deeper into areas of particular interest to the student.

Elementary Geography & Cultural Studies

Elementary Geography & Cultures

Recommended Grades: 3-6

Includes: *Children's Atlas of God's World; Passport to the World*

<http://www.nlpg.com/elementary-geography-cultures-curriculum>

Alternative Names:

- Geography: A Cultural Journey
- The World and You!

Now students can learn about not only the geography of the world, but also get a rich and interesting look at cultures around the globe! Christian history and sites are included among fascinating presentations of diverse countries from the Americas to Asia! Colorful, visually appealing, and filled with facts about foods, language, dress, customs, heritage sites, maps, and more, this is an incredible exploration of the amazing lands and people found on every continent! Includes recipes for simple activities as a family!

This course is especially well suited to the Charlotte Mason teaching discipline since it uses real books and has a focus on geography. It will also appeal to those who like a hands-on approach since it includes recipes and a little bit of language from each region studied.

This course could also be used as part of a unit-study approach if the parent gives some additional assignments such as reports and further studies into missions, geography and science topics.

Elementary Science

Science Starters: Elementary General Science & Astronomy

Recommended Grades: 5-8

Includes: *Water and Weather; The Universe*

<http://www.nlpg.com/science-starters-elementary-general-science-astronomy-curriculum>

Alternative Names:

- General Science
- Forces at Work: Water & the Universe

Science Starters: Elementary Physical & Earth Science

Recommended Grades: 5-8

Includes: *Forces & Motion; The Earth*

<http://www.nlpg.com/science-starters-elementary-physical-earth-science-curriculum>

Alternative Names:

- Elementary Physical Science and Earth Science
- Learning Earth & Physical Science

Science Starters: Elementary Chemistry and Physics

Recommended Grades: 5-8

Includes: *Matter; Energy*

<http://www.nlpg.com/science-starters-elementary-chemistry-physics-curriculum>

Alternative Names:

- Chemistry and Physics
- Science of Matter & Energy

NOTE: Curriculum sets include main book, student journals, and teacher's guide, and the Parent Lesson Planner with quizzes and tests

With master supply lists for activities focused on using household items and multi-level tests, this activity-based science series offers foundational facts and the opportunity to apply knowledge to increase comprehension of important concepts for students grades 3 to 8. Having read the student text book, students are encouraged to record their findings in the student journal. A helpful teacher's guide provides answers and multi-level tests in the Parent Lesson Planner. This allows the parent/educator to assess the student's understanding of the materials. This is perfect for the homeschooling family teaching multiple students at different age levels.

Elementary Zoology

Recommended Grades: 4-6

Includes: *The World of Animals; Dinosaur Activity Book; The Complete Aquarium Adventure; The Complete Zoo Adventure*

<http://www.nlpg.com/elementary-zoology-curriculum>

Alternative Names:

- On Land and Sea: Animals of the World
- All About Animals!

A unique and very visual exploration of the world of animals both on land and at sea! From the microscopic to the mightiest, students will learn about a great variety of animals and the places they call home. Learn what makes each unique and part of the Creator's world! Be amazed at the variety to be found! A course combined with activities, worksheets, and all you need to take an educational field trip to a local zoo and aquarium, or enjoy the fun of discovery through the adventure books at your fingertips!