



Home Run Ministries Courses and Descriptions for 2024-2025

Contents

Monday / Wednesday Courses:

English / Language Arts	p. 2-6
Mathematics	p. 6-10
History / Social Studies.....	p. 10-14
Science	p. 14-18
Electives	p. 18-19

Tuesday Only Courses:

Electives	p. 20-23
Sourcing Required Textbooks & Workbooks	p. 23

***DO NOT PURCHASE ANY REQUIRED TEXTBOOKS BEFORE CLASSES ARE CONFIRMED EARLY JULY VIA EMAIL, AS CLASSES OR BOOKS ARE SUBJECT TO CHANGE.**

***We ask that each student bring one ream of paper and one can of disinfecting wipes as a donation.**

Monday & Wednesday Courses

English / Language Arts

Fundamentals of English (Grades 6-7) (Byrd)

Description:

Introductory composition, literature, grammar, and vocabulary.

Expectations:

In addition to the two days of face-to-face classes, students are expected to work at least two more days under the supervision of the homeschool teacher. Students can expect an average of four hours of reading and composition outside the classroom per week.

Prerequisites:

6th-grade reading level. New students will be required to participate in placement testing. New students must register for and attend the HRM Writing Boot Camp (new students only). Students who previously participated in the Elementary Academy may have the placement and Writing Boot Camp waived on the teacher's recommendation.

Required Textbooks:

- *IEW Resource Notebook*—ISBN 9781623410414 (Student will receive at Writing Boot Camp)
- *Grammar Basics, 3rd ed.* by Kathy Carman (\$10 billed on invoice; distributed at first class)

Literature: (Rented by HRM for \$10 rental fee included on invoice.)

The Magician's Nephew by C.S. Lewis

The Door in the Wall by Marguerite De Angeli

Amos Fortune Freeman by Elizabeth Yates

Short Story Unit

Summer Reading: *Crispin: The Cross of Lead* by Avi (Copies may be available for checkout.)

Supplies Needed:

- 3-ring binder
- 5 sectional dividers
- Loose leaf notebook paper
- Pens: black, blue, and red
- Pencils
- Highlighters: green, blue, and yellow

Intermediate English 1 & 2 (Grades 7-9) (Solberg or Kelly)

Description:

Intermediate essay writing, literature interpretation, grammar, vocabulary, and study skills. This is a two-year cycle covering both general and world literature.

Expectations:

In addition to the two days of face-to-face classes, students are expected to work at least two more days under the supervision of the homeschool teacher. Students must read approximately 50-60 pages of a

given novel weekly, completing study guides or other handouts as assigned. In grammar, students will complete exercises or activities in the free NoRedInk online program with their writing to improve usage and fluency. Writing will include informal and formal short assignments, two essays, and a research paper in the spring. In-class discussions are essential; students must demonstrate collegial respect and participate fully.

Prerequisites:

7th-grade reading level. New students will be required to participate in placement testing. New students must register for and attend the HRM Writing Boot Camp (new students only).

Required Textbooks:

- *IEW Resource Notebook*—ISBN 9781623410414 (Student will receive at Writing Boot Camp.)

Literature: (Rented by HRM for \$10 rental fee included on invoice.)

The Witch of Blackbird Pond by Elizabeth George Speare

Gladys Aylward by Janet and Geoff Benge

The Adventures of Tom Sawyer by Mark Twain

The Hiding Place by Corrie ten Boom

Great Short Poems by a variety of poets

Summer Reading: *Prince Caspian* by C.S. Lewis (Copies may be available for checkout.)

Supplies Needed:

- Pens: black, blue, and red
- Highlighters: green, blue, and yellow
- 3-ring binder, 1 ½ - 2 inch
- Loose-leaf notebook paper
- 6 or more sectional dividers

High School English 1 & 2 (Grades 9-12) (Carman)

Description:

High school-level essay writing, literature analysis, grammar, and vocabulary. This two-year cycle covers American Literature up to 1877 and American Literature since 1877.

Expectations:

In addition to the two days of face-to-face classes, students are expected to work at least two more days under the supervision of the homeschool teacher. Students should expect to read 2-5 chapters in the assigned literature selection per week; accompanying assignments will be given to assess comprehension of the material. Class discussion and note-taking will be required as part of the student's classroom experience. Sentence Openers and Dress Ups are expected to be memorized and utilized in the writing process. 2-3 essays will be assigned throughout the first and second semesters. In addition, a research paper will be assigned during the second semester, and the teacher will direct each step according to set due dates.

Prerequisites:

Three years of Middle School English/Language Arts or the equivalent. 9th-grade reading level. New students will be required to participate in placement testing. New students must register for and attend the HRM Writing Boot Camp (new students only).

Required Textbooks:

- *IEW Resource Notebook*—ISBN 9781623410414 (Student will receive at Writing Boot Camp)

Literature: (Rented by HRM for \$10 rental fee included on invoice.)

American Literature (1870 - present)

Up From Slavery by Booker T. Washington

To Kill a Mockingbird by Harper Lee

Short Story Unit

Poetry Unit

Summer Reading: *Isaac's Storm* by Erik Larson (Copies are available for checkout.)

Supplies Needed:

- Pens: black, blue, and red (2-3 of each color)
- Pencils
- Highlighters: green, blue, and yellow
- 3-ring binder, 1 ½ - 2 inch
- Loose-leaf notebook paper (college or wide ruled) or wireless composition book w/perforated sheets. (NO PAPER FROM A SPIRAL OR SHREDED EDGES ALLOWED)
- 10 pocketed folders w/3-ring binder holes to be used in binder
- Thesaurus: Roget's or Webster's

High School English 3 & 4 (Grades 10-12) (Solberg)

Description:

College-preparatory level composition, literary and rhetorical analysis, grammar and usage, and vocabulary. This is a two-year cycle covering both British and European literature.

Expectations:

In addition to the two days of face-to-face classes, students are expected to work at least two more days under the supervision of the homeschool teacher. Students are expected to assume responsibility for their learning in all areas: reading, vocabulary, writing, and class discussions. Vocabulary study will be primarily literature-based. Students may read 50-75 pages a week, completing handouts or other literature-related work concurrently. Students will also read nonfiction works and complete rhetorical analysis informally and in essays to prepare for college-level reading and writing. In the fall, students will write two complete essays, one of which may be in class; in the spring, students will write an entire essay and a researched argument.

Prerequisites:

Two years of HRM English 1 & 2 or equivalent. New students will be required to participate in placement testing. New students must register for and attend the HRM Writing Boot Camp (new students only).

Required Textbooks:

- *IEW Resource Notebook*—ISBN 9781623410414 (Student will receive at Writing Boot Camp.)

Literature: (Rented by HRM for \$10 rental fee included on invoice.)

Selections from *Gulliver's Travels*

Selections from *The Legends of King Arthur*

The Cherry Orchard by Anton Chekov

A Tale of Two Cities by Charles Dickens

Macbeth by William Shakespeare

Selections of British Poetry

Summer Reading: *Pilgrim's Progress* by John Bunyan. **Be prepared to discuss and write about the major topics in the book.**

Supplies Needed:

- Pens: black, blue, and red
- Highlighters: green, blue, and yellow
- 3-ring binder, 1 ½ - 2 inch
- Loose-leaf notebook paper

Spanish 1 (Grades 8-12) (Sargent)

Description:

For students in grades 9-12 and advanced 8th graders. This course focuses on studying language development, vocabulary, grammar, and culture, including the Spanish language in context, while developing speaking, listening, reading, and writing skills.

Expectations:

In addition to the two days of face-to-face classes, students are expected to work at least two more days under the supervision of the homeschool teacher. Students should expect approximately 3 hours of outside work per week.

Prerequisites:

High school reading level.

Required Textbooks:

- *¡Que' Che'vere! 1 – 16th ed.*, Textbook, by Alejandro Bonilla—ISBN 9780821969229
- *¡Que' Che'vere! 1*, Workbook—ISBN 9780821969243 (Purchase consumable workbooks new.)

Supplies Needed:

- 3-ring binder, 1 inch
- 1 manila folder for 8 ½ x 11 paper
- 3 dividers
- Pens: black/blue, and red
- 250+ flashcards (3x5)
- Spanish-English dictionary
- 1 pack of colored construction paper
- Crayola markers

Spanish 2 (Grades 10-12) (Sargent)

Description:

Study of language development, vocabulary, grammar, and culture; emphasis will be on biliteracy as reading, writing, listening, and speaking skills will also be included.

Expectations:

In addition to the two days of face-to-face classes, students are expected to work at least two more days under the supervision of the homeschool teacher. Students should expect approximately 3 hours of outside work per week.

Prerequisites:

Spanish 1

Required Textbooks:

- *¡Que' Che'vere! 2 – 16th ed.*, Textbook, by Alejandro Bonilla—ISBN 9780821969403
- *¡Que' Che'vere! 2*, Workbook—ISBN 9780821969427 (Purchase consumable workbooks new.)
- *¡Que' Che'vere! 2*, Grammar and Vocabulary, by Hoff—ISBN 9780821969434

Supplies Needed:

- 3-ring binder, 1 inch
- 1 manila folder for 8 ½ x 11 paper
- 3 dividers
- Pens: black/blue, and red
- 250+ flashcards (3x5)
- Spanish-English dictionary
- 1 pack of colored construction paper
- Crayola markers

Mathematics

Beginning Math (Grades 6-7) (Walker)

Description:

Topics taught include reviewing whole numbers, fractions, decimals, percents, simple geometry, units of measure, probability, and graphs.

Expectations:

In addition to the two days of face-to-face classes, students are expected to work at least two more days under the supervision of the homeschool teacher. Students must complete practice problems for 1-3 sections covered each class period. Homework should average 1 hour daily, Monday – Friday for average students. Take-home tests will be given at the end of each unit.

Prerequisites:

Completed 5th-grade math or the equivalent. New students will be required to participate in a math interview. The interview may be waived for those who have taken Math C with the Elementary Academy.

Required Textbooks:

- *Arithmetic 6, 4th ed.*, Abeka #157368

Supplies Needed:

- XL spiral notebook (2-subject or 3-subject)
- Pencils
- Red pens
- Colored pencils
- Scotch tape
- Scissors
- Protractor
- Compass

- 12” ruler with both inches and centimeters
- Handheld sharpener

Intermediate Math (Grades 7-8) (Walker)

Description:

Topics taught include fractions, decimals, percents, geometry, units of measure, probability, graphs, and equation solving (beginning pre-algebra).

Expectations:

In addition to the two days of face-to-face classes, students are expected to work at least two more days under the supervision of the homeschool teacher. Students must complete practice problems for 1-3 sections covered each class period. Homework should average 1 hour daily, Monday – Friday for average students. Take-home tests will be given at the end of each unit.

Prerequisites:

Completed 6th-grade math. New students will be required to participate in a math interview.

Required Textbooks:

- *Intermediate Mathematics 7, 1st ed.*, Abeka #294012

Required Supplies:

- XL spiral notebook (2-subject or 3-subject)
- Pencils
- Red pens
- Colored pencils
- Scotch tape
- Scissors
- Protractor
- Compass
- 12” ruler with both inches and centimeters
- Handheld sharpener

Pre-Algebra (Grades 6-8) (Miller)

Description:

Review all arithmetic concepts, introductory algebra and related topics, and geometry concepts.

Expectations:

In addition to the two days of face-to-face classes, students are expected to work at least two more days under the supervision of the homeschool teacher. Students must complete practice problems for 1-3 sections covered each class period. Homework should average 1 hour daily, Monday – Friday for average students. Expect five tests (typically a take-home test given on Wednesdays), 1-2 in-class projects, and a comprehensive final exam each semester.

Prerequisites:

Completed 7th-grade math or the equivalent. New students will be required to participate in a math interview.

Required Textbooks:

- *Pre-Algebra, 4th ed.*, Abeka #319155

Supplies Needed:

- 3-ring binder
- 3 dividers for binder
- Notebook paper
- Pencils, highlighters, colored grading pen
- Glue stick
- Scissors

Algebra 1 (Grades 8-10) (Miller)**Description:**

Students will solve first- and second-degree equations, which include fractions, decimals, radicals, and absolute value expressions. They will solve word problems, graph two-variable equations, and graph inequalities.

Expectations:

In addition to the two days of face-to-face classes, students are expected to work at least two more days under the supervision of the homeschool teacher. Students will be assigned practice problems for 1-2 sections covered every class period. Homework due the next class meeting should average 1-2 hours for average students. Take-home tests will be given at the end of each chapter, plus comprehensive final exams for each semester.

Prerequisites:

Completed Pre-Algebra or the equivalent. New students will be required to participate in a math interview.

Required Textbooks:

- *Algebra I*, Traditional Math Series, Revised. Abeka #415006

Supplies Needed:

- 3-ring binder
- 3 dividers for binder
- Notebook paper
- Pencils, highlighters, colored grading pen
- Glue stick
- Scissors
- Scientific calculator

Algebra 2 (Grades 9-12) (Hamel)**Description:**

Techniques for solving and graphing any equation or relation—covering logarithmic and exponential.

Expectations:

In addition to the two days of face-to-face classes, students are expected to work at least two more days under the supervision of the homeschool teacher. Homework is assigned every class period. Time varies based on ability and class time used. 2-4 tests per grading period, with most being take-home tests. Wednesday's assignment will be lengthier, and take-home tests will also be given on Wednesday.

Prerequisites:

Completed Algebra 1. New students will be required to participate in a math interview.

Required Textbooks: (Rented by HRM for \$20 rental fee included on invoice.)

- *Intermediate Algebra: An Applied Approach, 7th ed.*, Aufmann; **Do Not Buy-Out of Print**

Supplies Needed:

- 3-ring binder
- 3 dividers for binder
- College ruled notebook paper
- Pencils, highlighters, colored grading pen
- Graph paper or make photo copies of the original I will give you
- Graphing calculator (TI-84 or higher)

Geometry (Grades 9-12) (Bahler)**Description:**

This class covers the basic concepts of plane geometry—parallel and intersecting lines, triangles, quadrilaterals, and circles. Honor-level assignments will include assignments integrated with algebra concepts consistent with the type of geometry problems that appear on the SAT for college admission. Students (with parental consent) can choose to follow the standard or Honors level track.

Expectations:

In addition to the two days of face-to-face classes, students are expected to work at least two more days under the supervision of the homeschool teacher. The homework assigned for every class period should take 1-2 hours. There will be weekly quizzes and texts approximately every 5 lessons. Advanced Students will need to memorize pertinent definitions, postulates, and theorems.

Prerequisites:

Completed Algebra 1. New students will be required to participate in a math interview.

Required Textbooks:

- *Saxon Geometry*, Saxon. ISBN 9781602773059

Supplies Needed:

- 3-ring binder or multi-folder (ex: Pendaflex PileSmart Project Sorter, Letter Size)
- College ruled loose-leaf notebook paper or wireless composition book w/perforated sheets. (NO PAPER FROM A SPIRAL OR SHREDED EDGES ALLOWED)
- Pencils
- Erasers
- Colored pencils
- Protractor & Compass
- Ruler (12" minimum)
- Graph paper
- 4 pack of whiteboard markers
- Scientific calculator (preferable TI-84 or higher)

Pre-Calculus (Grades 11-12) (Kossa)

Description:

Principles of logic and step by step problem solving. Mastery of concepts presented in Algebra 2. Trigonometry, including laws with sine, cosine, and tangent. Graphing in both degrees and radians and use of the unit circle. This course will help solidify concepts for a college algebra or college pre-calculus class.

Expectations:

Students should expect to have an average of 1 ½ hours of homework per class period. Quizzes will be given periodically. A semester exam will cover all sections taught in that semester.

Prerequisites:

Completed Algebra 2 and Geometry. New students will be required to participate in a math interview.

Required Textbooks: (Rented by HRM for \$20 rental fee included on invoice)

- *Precalculus 1st ed.*, 2002, BJU Press—ISBN 9781591669899- **Do Not Buy-Out of Print**

Supplies Needed:

- 3-ring binder—1”
- 5 sectional dividers
- Mead composition notebook (100+ pages)
- College ruled notebook paper
- Graph paper
- Pencils
- Highlighters
- 12” ruler (with both inches and cm)
- Scissors
- Glue sticks
- Scientific calculator (preferable TI-84 or higher)

History / Social Studies

Middle School: Ancient World History (Grades 6-8) (Czarnik)

Description:

The study of world history of the Greeks and the Romans from a Christian perspective.

Expectations:

In addition to the two days of face-to-face classes, students are expected to work at least two more days under the supervision of the homeschool teacher. Weekly reading assignments and homework should require at most 2 hours per week. Projects, quizzes, and tests will be assigned periodically.

Prerequisites:

6th-grade reading level.

Required Textbooks:

- *Streams of Civilization, Volume 1, 3rd ed.*, by Stanton, McHugh, and Hyma—ISBN 9781629820507
- *Geography 1 Text: Middle East, Europe, & North Africa*, Memoria Press—ISBN 9781615381241.

- *Geography 1 Workbook: Middle East, Europe, & North Africa*, Memoria Press—ISBN 9781615381265.
These books are used for 2 years of the MS History cycle. If your student has had Mrs. Czarnik for MS History before, check your books before ordering new ones.

Supplies Needed:

- 3-ring spiral notebook
- Notebook paper
- Pens
- Pencils
- CLASS PROJECTS will require additional supplies—to be determined largely by the student

Geography (Grades 9-12) (Lawrence)

Description:

The study of various cultural regions for a Biblical understanding of the earth, its people, and its resources.

Expectations:

In addition to the two days of face-to-face classes, students are expected to work at least two more days under the supervision of the homeschool teacher. Daily reading assignments and homework averaging 1 hour per class period. A country project each grading period will consist of a presentation and food from the chosen country. Maps and quizzes conclude each continent.

Prerequisites:

High school reading level.

Required Textbooks:

- *Around the World in 180 Days*, Student Workbook by Sherry Payne—ISBN 9781935495581
- Supplemental Workbook created by teacher. **HRM will print all materials and a \$20 printing fee will be included on the invoice.**

Supplies Needed:

- 3-ring binder
- Folders to go in binder to hold handouts
- Colored pencils (12-24 pack)
- Markers
- The ability to prepare and bring recipes/food items on occasion
- Suggested items to purchase and keep at home are a World Atlas and a globe

High School: World History (Grades 9-11) (Byrd)

Description:

A survey course from the beginning of human history to the present time.

Expectations:

In addition to the two days of face-to-face classes, students are expected to work at least two more days under the supervision of the homeschool teacher. Students will read ½ - 1 chapter a week, complete comprehension questions, weekly mapwork, and take weekly quizzes or tests. In addition, students will

complete two to four projects during the year. Homework should take about an hour a day for average students.

Prerequisites:

High school reading level. Capable of organizing notes and thoughts from class lectures and expressing these ideas on tests and assignments.

Required Textbooks:

- *World History, 4th ed.*, Bob Jones—ISBN 9781606821183

Supplies Needed:

- 3-ring binder
- 5 sectional dividers
- Loose leaf notebook paper
- Pens
- Pencils
- Colored pencils

Government (Grades 10-12) (Lawrence) - Fall Semester

Description:

A fall semester class. Study of the foundations, structures, and functions of the political and governmental system of the United States from a Christian perspective.

Expectations:

In addition to the two days of face-to-face classes, students are expected to work at least two more days under the supervision of the homeschool teacher. Regular assignments require 1-2 hours per class period.

Prerequisites:

Upper high school reading level. Capable of organizing notes and thoughts from class lectures and expressing these ideas on tests and assignments.

Required Textbooks:

- *American Government, 3rd ed.*, Abeka# 89281

Supplies Needed:

- 3-ring binder
- Loose leaf notebook paper for class notes
- Spiral notebooks are fine for note taking. However, no papers turned in for homework that have been torn out of spiral notebooks with shredded edges will be accepted.
- Pens
- Pencils
- Computer with Internet access at home
- CLASS PROJECTS will require additional supplies – to be determined largely by the student

Economics (Grades 10-12) (Lawrence) - Spring Semester

Description:

A spring semester class. This course aims to help students understand how economics plays a part in their daily lives and how it affects the world around them from a Christian perspective. The course introduces the fundamental principles of economics, such as supply and demand, scarcity, opportunity cost, and economic incentives. Students learn about the basics of microeconomics and macroeconomics, the various economic systems in the world, the dangers to our free market system, and the effects of government intervention on the economy. There is an entrepreneurial project where students learn to put what they have learned into practice. The course also includes a personal finance unit where students gain insight into managing their money wisely by learning topics like budgeting, credit, debt, and financial planning.

Expectations:

In addition to the two days of face-to-face classes, students are expected to work at least two more days under the supervision of the homeschool teacher. One hour of studying per class period. Quizzes at the end of each chapter. A one-month Economics small business project and presentation in the spring.

Prerequisites:

High school reading level.

Required Textbooks:

- *Economics: Work and Prosperity, 3rd ed.*, by Russell Kirk, Abeka# 174653
- *Whatever Happened to Penny Candy*—ISBN 9780942617627
- *God's Way of Handling Money Teen Study*—ISBN 9781893946101

Supplies Needed:

- 3-ring binder with loose leaf notebook paper for class notes
- Spiral notebooks are fine for note taking. However, no papers turned in for homework that have been torn out of spiral notebooks with shredded edges will be accepted.
- Pens & pencils
- Computer with Internet access at home
- CLASS PROJECTS will require additional supplies – to be determined largely by the student
- \$10 cash for business project in February

Art History (Grades 8-12) (Lawrence) - Spring Semester

Description:

In this one semester course, students will learn about artists and the history behind their work as they travel from the Romance Period – World War II. They will learn to sketch and appreciate art. This course will include at least one trip to Houston area art museums.

Expectations:

In addition to the two days of face-to-face classes, students are expected to work at least two more days under the supervision of the homeschool teacher.

Prerequisites:

8th-grade reading level

Required Textbooks:

No book purchase required. **Workbook will be printed by HRM and a \$10 printing fee will be included on the invoice.**

- Materials will be provided for a \$20 supply fee included on invoice.

Supplies Needed:

- Folder with pockets
- Sketch book
- (2) drawing pencils
- Small set of inexpensive pastelles

Science

Health and Fitness (Grades 6-8) (Cowan)

Description:

Discover how different body systems function and work together to maintain health. Build strength, flexibility, and endurance through physical exercise. Learn about nutrition and how foods fuel the body. Assemble a first aid kit and create emergency plans. Grow and develop the tools for healthy interpersonal relationships and confidence in handling peer pressures. Build upon the skills needed to honor God by making a lifetime of healthy choices. Weekly classes will be reinforced with scripture, fitness exercises reinforcing the topics, and hands-on activities.

Expectations:

In addition to the two days of face-to-face classes, students are expected to work at least two more days under the supervision of the homeschool teacher. This course will be divided into four quarters: Exercise, Nutrition, Personal Health, Environmental Health and Safety. Each component will conclude with a comprehensive exam. Homework will include a home exercise routine and a project research and preparation. For fitness activities, students must be dressed for and participate in the activities planned for the day, including seasonally appropriate, modest, loose-fitting clothing and tennis shoes.

Prerequisites:

Able to participate in physical group activities. 6th-grade reading level. Able to write a short report.

Required Textbooks:

- *Living Health*, Master Books—ISBN 9781683442493
- *God's Design for Life: The Human Body, 4th ed.*, by Debbie and Richard Lawrence, Answers in Genesis. **Do Not Buy-Out of Print. HRM will rent used copies of the textbook for a \$10 rental fee included on the invoice.**

Supplies Needed:

- 3-ring binder—2”
- 5-tab dividers
- Spiral notebook
- Pen or pencil with eraser
- (2) yellow highlighters
- Scissors
- Glue stick
- Tennis shoes

- Shorts (just above knee) required every class period. Time will be given to change.
- Sweat towel
- Hydration
- Recommended but optional: Yoga mat and strength training bands

Middle School: Earth & Life Science (Grades 6-7) (Hamlin)

Description:

Examination of the scientific method, designing experiments, and studying simple machines, archaeology, geology, paleontology, biology, human anatomy, and physiology.

Expectations:

In addition to the two days of face-to-face classes, students are expected to work at least two more days under the supervision of the homeschool teacher. Students must read and answer Summary Module questions at the end of each chapter in 2 weeks. Labs are scheduled weekly, and take-home tests will be administered at the end of each chapter. Students will have a few projects to create at home and present in class.

Prerequisites:

Completed 5th-grade math; 6th-grade reading level; 10+ years of age suggested.

Required Textbooks:

- *Exploring Creation with General Science, 3rd ed.*, Student Text Only, by Dr. Jay L. Wile, Apologia— ISBN 9781946506573 (Note: You will NOT need the CD or the Solutions and Test Manuals for this course). This book is used for a two-year cycle of MS Science courses.

Supplies Needed:

- 3-ring binder
- (8) Dividers
- Loose leaf notebook paper
- Pens
- Pencils
- Red pen
- Colored pencils
- Ruler
- (3) Glue sticks

Middle School: Zoology (Advanced 6th Grade, 7-8) (Sargent)

Description:

This class is designed for grades 7-8 with some advanced 6th graders. An Introduction to the study of animals and invertebrates. Detailed vocabulary and classifications will challenge your student as we learn about God's creation. Labs and dissections will give a hands-on approach to learning and practical application for our studies. Biomimicry studies how we have been inspired by God's creation to use imitators of His design for our purposes. For example, a natural sponge versus a synthetic sponge.

Expectations:

In addition to the two days of face-to-face classes, students are expected to work at least two more days under the supervision of the homeschool teacher. Students will need to read and answer the Summary questions for each unit. Labs are scheduled, and take-home tests will be administered. Students will also

have end-of-the-unit projects or reports that will count for a quiz grade and are to be created at home and presented in class.

Prerequisites:

Advanced 6th graders could select this course. 7th-grade reading and math skills; general knowledge of elementary science and experience using the scientific method; 11+ years of age suggested.

Required Textbooks: (\$30 printing fee included on invoice for materials provided by HRM)

- *Animal: The Definitive Visual Guide, 3rd ed.*, by DK—ISBN#9781465464101
- *Made In Heaven: Man's Indiscriminate Stealing of God's Amazing Design*, by Seto and Comfort, Master Books—ISBN 9780890516690
- *Zoology & Biomimicry*, Joyful Heart Learning—**Do Not Buy. HRM will print all materials and a \$20 printing fee will be included on the invoice.**

Supplies Needed:

- 3-ring binder, 1 inch
- 1 manila folder for 8 ½ x 11 paper
- 3 dividers
- Pens: black/blue, and red
- 250+ flashcards (3x5)

Physical Science (Grades 7-9) (Garrou)

Description:

Study of introductory physics of motion, Newton's laws, gravity, and chemistry principles.

Expectations:

In addition to the two days of face-to-face classes, students are expected to work at least two more days under the supervision of the homeschool teacher. Regular assignments each class period should require approximately 1-2 hours per class period.

Prerequisites:

Completed Pre-Algebra; 12+ years of age suggested.

Required Textbooks:

- *Exploring Creation with Physical Science, 4th ed.*, Student Textbook by Dincher, Apologia—ISBN 9781940110141
- *Exploring Creation with Physical Science Student Notebook, 4th ed.*, by Dincher, Apologia—ISBN 9781940110509

Supplies Needed:

- 3-ring binder
- 3 dividers
- Loose leaf notebook paper
- Pens
- Pencils
- Red pen
- (3) Glue sticks

Biology (Grades 9-12) (Garrou)

Description:

Study of cellular biology, genetics, creationism, taxonomy, microbiology, botany, zoology, and human anatomy.

Expectations:

In addition to the two days of face-to-face classes, students are expected to work at least two more days under the supervision of the homeschool teacher. Students must be engaged and actively participate during all class and lab activities. An appropriate maturity level and ability to work independently and in groups is required. Assessments will include tests, labs, quizzes, and article summaries.

Prerequisites:

Completed middle school science. 13+ years of age suggested.

Required Textbooks:

- *Exploring Creation with Biology, 3rd ed.*, Student Textbook, by Dincher, Apologia—ISBN 9781946506450
- *Exploring Creation with Biology Student Notebook, 3rd ed.*, by Dincher, Apologia—ISBN 9781946506481

Supplies Needed:

- 3-ring binder
- Loose leaf notebook paper
- Pens & Pencils
- Red pen
- (3) Glue sticks

Chemistry (Grades 10-12) (Lipstreu)

Description:

Study of the foundation of atomic structure, bonding, chemical reactions, stoichiometry, nomenclature, kinetic theory, solutions, acids and bases, chemical equilibrium, organic and biochemistry, and nuclear chemistry.

Expectations:

In addition to the two days of face-to-face classes, students are expected to work at least two more days under the supervision of the homeschool teacher. Take-home tests will be sent periodically. Homework, due the next class period, should take at most 1 hour for Monday homework and 1-2 hours for Wednesday homework. Labs are usually done on Wednesdays. Lab write-ups take about 2 hours on average.

Prerequisites:

Completed Physical Science or the equivalent; strong Algebra 1 base; able to use a scientific calculator; 14+ years of age suggested.

Required Textbooks:

- *Chemistry 5th ed.*, Student Textbook, BJU Press—ISBN 9781628566864
- *Chemistry 5th ed.*, Student Lab Manual, BJU Press—ISBN 9781628566888

Supplies Needed:

- 3-ring binder
- Notebook paper
- Dividers
- #2 Pencils
- Pen with colored ink for grading
- Blue or black pen
- Good eraser
- Graphing calculator (TI-84 or higher recommended)

Anatomy and Physiology (Grades 10-12) (Hamlin)**Description:**

Study of the systems of the body.

Expectations:

In addition to the two days of face-to-face classes, students are expected to work at least two more days under the supervision of the homeschool teacher. Students must be engaged and actively participate during all class and lab activities. An appropriate maturity level and ability to work independently and in groups is required. Assessments will include tests, labs, quizzes, and article summaries.

Prerequisites:

Completed Biology; 15+ years of age required due to the sensitive nature of some topics.

Required Textbooks:

- *Anatomy and Physiology, 2nd ed.*, by OpenStax—ISBN 9781711494067. Students may use a digital or a hard copy depending on their preference. For digital go to: <http://openstax.org/details/books/anatomy-and-physiology-2e>. Digital copies require a computer or laptop be available in class for access.
- *Anatomy and Physiology*, by Suburban Science—**Do Not Buy. HRM will print all materials and a \$20 printing fee will be included on the invoice.**

Supplies Needed:

- 3-ring binder
- 16 dividers
- Loose leaf notebook paper for class notes
- Pens & pencils
- Colored pencils
- Computer at home (Do not bring to class)

Electives***Speech (Grades 9-12) (Lawrence) – Fall Semester*****Description:**

This one semester course will be practical communication. It will prepare students to be effective communicators. Students will learn about group dynamics, public speaking, and interpersonal relationships. They will also be learning to give informational speeches, persuasive speeches, and presentations.

Expectations:

In addition to the two days of face-to-face classes, students are expected to work at least two more days under the supervision of the homeschool teacher.

Prerequisites:

8th-grade reading level.

Required Textbooks:

- *Sound Speech, 2nd ed.*, by Terri L. Koontz, BJU Press—ISBN 9781579246204

Supplies Needed:

- Spiral notebook
- Pens/pencils

Study Hall (Grades 6-12) (TBA)**Description:**

A monitored class period for students to do productive work or to read quietly. Students having classes both before and after this class will be given priority. Students not coming prepared to study or read will be asked to discontinue attending study hall. Offered Fall and Spring semesters. If you plan for your student to attend both semesters, please select both Fall and Spring classes.

Tuesdays Only Courses

Electives

Graphic Design 1 (Grades 6-12) (Thomas) – Fall Semester

Description:

This fall semester course is a great introductory course for those interested in learning the fundamentals of graphic design. In the first half of the semester, students will understand the basics of design principles, color theory, typography, visual communication, branding, and image manipulation. Students will use these skills in the second half of the semester to create a mock business through design. They will choose a company, name it, design a logo, business cards, social media graphics, a website, a video ad, and more. Students will learn all this using the Canva software to create graphics for prints, web, and multimedia projects.

Expectations:

Students will begin their design work in class and complete it as homework. Approximately 1.5 hours per week is required at home. The student will turn in their assignment weekly for grading and feedback.

Prerequisites:

None

Required Textbooks:

No books need to be purchased. Home Run Ministries will provide the Canva software.

Students must bring a laptop to every class. Chromebooks cannot be used in class and are not supported by Canva with all the access your student will need for learning. While Canva does work on tablets and phones, we ask your student to only bring a laptop to class for the best learning experience. Please make sure your student's laptop meets the following requirements.

- Browsers need to be updated to the latest versions on the device as listed below and make sure that JavaScript is enabled.
- Google Chrome, version 57 or higher
- Mozilla Firefox, version 52 or higher
- Safari, version 12 or higher
- Microsoft Edge, version 89 or higher
- Opera, version 44 or higher

If you need more assistance on how to do this, please visit <https://www.canva.com/help/technical-requirements/>

Supplies Needed:

- Notebook
- Pen/Pencil
- Student must bring a laptop to every class. Please reference details in 'Required Textbooks' section for the type of accepted laptops for the software we are using in class.

Graphic Design 2 (Grades 6-12) (Thomas) – Spring Semester

Description:

Graphic Design 2 is a course that takes graphic design skills to the next level. Students will work hands-on with the teacher weekly in class to create projects such as magazine covers, posters, pop art, watercolor art, shape art, and more in-depth design topics. Students will also learn to manipulate and layer graphics using various graphic design techniques. By the end of this course, the student will have a strong foundation in design principles and a strong design portfolio.

Expectations:

Students will begin their design work in class and complete it as homework. Approximately 1.5 hours per week is required at home. The student will turn in their assignment weekly for grading and feedback.

Prerequisites:

Completion of Graphic Design 1 course

Required Textbooks:

No books need to be purchased. Home Run Ministries will provide the Canva software.

Students must bring a laptop to every class. Chromebooks cannot be used in class and are not supported by Canva with all the access your student will need for learning. While Canva does work on tablets and phones, we ask your student to only bring a laptop to class for the best learning experience. Please make sure your student's laptop meets the following requirements.

- Browsers need to be updated to the latest versions on the device as listed below and make sure that JavaScript is enabled.
- Google Chrome, version 57 or higher
- Mozilla Firefox, version 52 or higher
- Safari, version 12 or higher
- Microsoft Edge, version 89 or higher
- Opera, version 44 or higher

If you need more assistance on how to do this, please visit <https://www.canva.com/help/technical-requirements/>

Supplies Needed:

- Notebook
- Pen/Pencil
- Student must bring a laptop to every class. Please reference details in 'Required Textbooks' section for the type of accepted laptops for the software we are using in class.

Web Design 1 (Grades 9-12) (Thomas) – Fall Semester

Description:

We will focus on the basic building blocks of a website. We will discuss what design is and how designers and creators work, how to gather inspiration and do visual research, how to plan, design, and create a basic website landing page while thinking about the purposes and the people they serve. Students will explore color, typography, composition, animation, and branding to create a mock landing page website.

Expectations:

Students will begin their design work in class and complete it as homework about 1.5 hours per weeks is required at home. There will be mini assignments throughout the semester and a final website landing page project.

Prerequisites:

None

Required Textbooks:

No books need to be purchased. Home Run Ministries will provide the Wix Tomorrow software.

Students will be using the Wix platform to design websites in this course. We will be using the student version called Wix Tomorrow. Tomorrow classroom is a project-based learning for high school students, it is secure, and the teacher has access to all work your student does on the platform. Students must bring a laptop to every class. Chromebooks, tablets, and phones cannot be used in class and are not supported by Wix Tomorrow. Please make sure your student's laptop meets the following requirements.

- Browsers need to be updated to the latest versions on the device as listed below and make sure that JavaScript is enabled.
- Google Chrome, version 57 or higher
- Mozilla Firefox, version 52 or higher
- Safari, version 12 or higher
- Microsoft Edge, version 89 or higher
- Opera, version 44 or higher

Supplies Needed:

- Notebook
- Pen/Pencil
- Student must bring a laptop to every class. Please reference details in 'Required Textbooks' section for the type of accepted laptops for the software we are using in class.

Web Design 2 (Grades 9-12) (Thomas) – Spring Semester**Description:**

We will focus on advanced web design techniques in this course. We will discuss basic HTML, SEO (Search Engine Optimization) and its importance in web design and layout. Students will explore wireframing and advance project planning to create a mock 5-page website.

Expectations:

Students will begin their design work in class and complete it as homework about 1.5 hours per weeks is required at home. There will be mini assignments throughout the semester and a final website landing page project.

Prerequisites:

Web Design 1

Required Textbooks:

No books need to be purchased. Home Run Ministries will provide the Wix Tomorrow software.

Students will be using the Wix platform to design websites in this course. We will be using the student version called Wix Tomorrow. Tomorrow classroom is a project-based learning for high school students, it is secure, and the teacher has access to all work your student does on the platform. Students must bring a laptop to every class. Chromebooks, tablets, and phones cannot be used in class and are not supported by Wix Tomorrow. Please make sure your student's laptop meets the following requirements.

- Browsers need to be updated to the latest versions on the device as listed below and make sure that JavaScript is enabled.
- Google Chrome, version 57 or higher
- Mozilla Firefox, version 52 or higher
- Safari, version 12 or higher
- Microsoft Edge, version 89 or higher
- Opera, version 44 or higher

Supplies Needed:

- Notebook
- Pen/Pencil
- Student must bring a laptop to every class. Please reference details in 'Required Textbooks' section for the type of accepted laptops for the software we are using in class.

Sourcing Required Textbooks & Workbooks

Textbooks may be purchased new or used. There is also the option to rent textbooks online. The following are great options for sourcing books:

- The Homeschool Store—12315 Ann Lane, Houston, TX 77064 (281-890-4925), www.thehomeschoolstore.com
- Amazon (www.amazon.com)
- Christian Books (www.christianbook.com)
- Barnes and Noble (www.bn.com)
- Half Priced Books (www.half.com)
- Abe Books (www.abebooks.com)
- Alibris (www.alibris.com)
- Bob Jones (www.bju.com)

Required workbooks must be purchased new so that all pages are included and void of answers. If you have used books for current HRM SA classes that you would like to sell, please send Karen an “ad” including the book name, ISBN, price, and your contact information for her to forward to other families.