

# HPA Course Description/Curriculum List

2020-2021

Below is the course description/curriculum list for HPA classes. Please be aware of the following:

- Textbooks and course materials fees are not included in registration/tuition. Parents are responsible for purchasing books and supplies before the first day of school.
- **CMF** stands for “course materials fee.” This non-refundable fee covers copies, ISN supplies, classroom supplies for students, dissection materials/lab supplies, etc. Since the materials needed for each class vary, the CMF also varies (science courses typically require more lab materials). Please remember that the CMF is not included in registration/tuition and should be submitted to the teacher on or before the first day of class.
- For courses using IXL, a one-year membership to IXL is included in the course materials fee.
- **ISN** stands for “Interactive Student Notebook.” Many HPA classes incorporate these as part of the curriculum. Students will need 1-2 blank composition notebooks for each course requiring an ISN. All other ISN materials will be provided in class (and are already included in the course materials fee).
- **CB** stands for “Choice Board.” A choice board is an exciting homework system which empowers students with options for interacting with the lesson material each week. Options may include answering questions, using note taking strategies, creating projects, memorizing Scripture, writing essays/lab reports, etc.
- Class materials needed: pencils, pens, notebook and/or notebook paper, binder, glue sticks and scissors

Course	Course Description & Curriculum
<b>English</b>	
<b>Middle School English</b> 	<b>Course Description:</b> This course focuses on the structure and usage of grammar (including concepts such as sentence structure, parts of speech, punctuation/capitalization, word choice and usage, and rhetorical analysis). Students will also be writing for a variety of purposes, including essays, personal narratives, creative writing, response to literature, etc. <b>Curriculum:</b> IXL (membership included in CMF) and selected readings <b>CMF:</b> \$50, <b>ISN:</b> yes, <b>CBs:</b> no (Homework is differentiated for each grade.)
<b>English I-IV</b> 	<b>Course Description:</b> This course focuses on the structure and usage of grammar (including concepts such as sentence structure, parts of speech, punctuation/capitalization, word choice and usage, and rhetorical analysis). Students will utilize the concepts they have studied to write a minimum of two research papers. Students taking these classes have often seen an improvement on ACT scores & college placement tests for English. <b>Curriculum:</b> IXL (membership included in CMF) and selected readings <b>CMF:</b> \$50, <b>ISN:</b> yes, <b>CBs:</b> no (Homework is differentiated for each grade.)
<b>General Literature &amp; Creative Writing</b> 	<b>Course Description:</b> This course is a break from the traditional grammar-focused English class to look at the English language through the lens of American literature and creative writing. Students will learn the fundamentals of both prose and poetry (setting, characterization, plot structure, mood, theme, author’s purpose, rhythm, rhyme, etc.) then apply what they have learned through creative writing exercises of their own. <b>Curriculum:</b> Abeka American Literature: Classics for Christians, 4th Edition <b>CMF:</b> \$30, <b>ISN:</b> no, <b>CBs:</b> no
<b>Math</b>	
<b>Middle School Math</b> 	<b>Course Description:</b> This course serves as the foundation for high school math courses. Students will gain a better understanding for number theory and operations with whole numbers, exponents, square roots, decimals, fractions, integers, percents, the coordinate plane, equations, data & graphs, consumer math, statistics, etc. Math concepts will be presented in fun and engaging lessons that focus on problem-solving skills instead of simply finding answers. <b>Curriculum:</b> IXL online curriculum (membership included in CMF) <b>CMF:</b> \$50, <b>ISN:</b> yes, <b>CBs:</b> no (Homework is differentiated for each grade.)

<p><b>Algebra I</b></p> 	<p><b>Course Description:</b> This course builds on skills learned in earlier math classes and continues to prepare students for upper level math classes. Algebra I students will further their knowledge with numbers &amp; operations, ratios, rates, proportions, percent, geometry, variable expressions &amp; equations, inequalities, data &amp; graphs, problem solving, etc. Math concepts will be presented in fun and engaging lessons that focus on problem-solving skills.</p> <p><b>Curriculum:</b> IXL online curriculum (membership included in CMF)</p> <p><b>CMF:</b> \$50, <b>ISN:</b> yes, <b>CBs:</b> no</p>
<p><b>Algebra II</b></p> 	<p><b>Course Description:</b> This course expands on concepts learned in Algebra I including expressions, inequalities, functions, systems of equations/inequalities, matrices, complex numbers, factoring, quadratics, polynomials, radical functions/expressions, function operations, exponential/logarithmic functions, parabolas, etc. Math concepts will be presented in fun and engaging lessons that focus on problem-solving skills instead of simply finding answers.</p> <p><b>Curriculum:</b> IXL online curriculum (membership included in CMF)</p> <p><b>CMF:</b> \$50, <b>ISN:</b> yes, <b>CBs:</b> no</p>
<p><b>Geometry</b></p> 	<p><b>Course Description:</b> This course will focus on the key concepts in geometry including points/lines/rays, angles, parallel/perpendicular lines, two/three-dimensional figures, congruence, transformations, area &amp; perimeter, trigonometry, measurement, surface area and volume, circles, quadrilaterals, etc.</p> <p><b>Curriculum:</b> IXL online curriculum (membership included in CMF)</p> <p><b>CMF:</b> \$50, <b>ISN:</b> yes, <b>CBs:</b> no</p>
<p><b>Pre-Calculus</b></p> 	<p><b>Course Description:</b> This course will focus on the key concepts in pre-calculus including functions (quadratic, rational, exponential, logarithmic, trigonometric), polynomials, systems of equations/inequalities, matrices, complex numbers, etc. Math concepts will be presented in fun and engaging lessons that focus on problem-solving skills instead of simply finding answers.</p> <p><b>Curriculum:</b> IXL online curriculum (membership included in CMF)</p> <p><b>CMF:</b> \$50, <b>ISN:</b> yes, <b>CBs:</b> no</p>
<p><b>History &amp; Social Studies</b></p>	
<p><b>Middle School History</b> Civics and Government</p> 	<p><b>Course Description:</b> “How do elections work? What does the President do all day? Who decides where stop signs go? What is Labor Day? <i>Uncle Sam and You</i> by Ray and Charlene Notgrass is a one-year civics course that answers these questions and many more. This curriculum guides your family on an engaging tour of American government.” (Notgrass).</p> <p><b>Curriculum:</b> <i>Uncle Sam and You</i> (Parts 1 and 2), Notgrass; <i>Uncle Sam and You: Student Workbook, Lesson Review</i>; Optional: <i>The Citizen’s Handbook</i></p> <p><b>CMF:</b> \$20, <b>ISN:</b> no, <b>CBs:</b> yes</p>
<p><b>World History</b></p> 	<p><b>Course Description:</b> This course “teaches students to understand history from a Christian perspective of faith in God and respect for the Bible.” Students “will gain a rich understanding of world history by reading the history narrative and primary source documents, reading classic literature, completing writing assignments and hands-on projects, and studying what the Bible says about issues and ideas in history.”</p> <p><b>Curriculum:</b> <i>Exploring World History</i> (1&amp;2); <i>Student Review</i>; Optional: <i>In Their Own Words</i></p> <p><b>CMF:</b> \$20, <b>ISN:</b> no, <b>CBs:</b> yes</p>
<p><b>U.S. History</b></p> 	<p><b>Course Description:</b> This course is U.S. history from a perspective of faith, culture, and original documents that guides students from the life and times of the first explorers to present-day America. Students will enjoy the hands-on projects and assignments that bring history to life. Using the choice board style homework option, students will have more freedom in choosing how they interact with the material.</p> <p><b>Curriculum:</b> <i>Exploring America</i> (1&amp;2); <i>Student Review</i>; Optional Text: <i>American Voices</i></p> <p><b>CMF:</b> \$20, <b>ISN:</b> no, <b>CBs:</b> yes</p>

<p><b>Government</b> (Fall 0.5)</p> 	<p><b>Course Description:</b> “Students explore the government of the United States from its beginning to the present with special emphasis on the Biblical pattern for government and on the U.S. Constitution. By learning about the operations of federal, state, and local government, and about issues facing our nation today, students become better equipped to understand, pray for, and be involved in our country’s government.”</p> <p><b>Curriculum:</b> <i>Exploring Government</i> Notgrass; <i>Exploring Government: Student Review</i>; Optional Text: <i>We Hold These Truths</i></p> <p><b>CMF:</b> \$20, <b>ISN:</b> no, <b>CBs:</b> yes</p>
<p><b>Economics</b> (Spring 0.5)</p> 	<p><b>Course Description:</b> “With a narrative, conversational style, <i>Exploring Economics</i> guides your student on a fascinating and relevant tour through the world of economics. Your student will become a better steward of the money God provides and a valuable, informed contributor to the economy on the personal, household, local, national, and international level. This is a half-credit course offered in the spring only.</p> <p><b>Curriculum:</b> <i>Exploring Economics</i> Notgrass; <i>Exploring Economics: Student Review</i>; Optional Text: <i>Making Choices</i></p> <p><b>CMF:</b> \$20, <b>ISN:</b> no, <b>CBs:</b> yes</p>
<p><b>Personal Finance</b> (Fall 0.5)</p> 	<p><b>Course Description:</b> This exciting course is “empowering students to make sound financial decisions for life.” They “reinforce academic skills such as communication, mathematics, reading, research and writing” while learning about saving, budgeting, debt, life after high school, consumer awareness, bargain shopping, investing &amp; retirement, insurance, money &amp; relationships, careers &amp; taxes, and giving.</p> <p><b>Curriculum:</b> <i>Foundations in Personal Finance</i> (full on-demand access included in the CMF)</p> <p><b>CMF:</b> \$60, <b>ISN:</b> no, <b>CBs:</b> no</p>
<b>Science</b>	
<p><b>Middle School Science</b></p> 	<p><b>Course Description:</b> This course is a perfect foundational course to prepare students for high school level science classes. Students explore a variety of science topics including the scientific method, designing experiments, engineering practices, atoms and molecules, cells, photosynthesis, ecosystems, rocks and minerals, chemical reactions, genes, velocity/acceleration/forces, etc. This course does include experiments and labs.</p> <p><b>Curriculum:</b> IXL online curriculum (membership included in CMF)</p> <p><b>CMF:</b> \$60, <b>ISN:</b> yes, <b>CBs:</b> no (Homework is differentiated for each grade.)</p>
<p><b>Biology I</b></p> 	<p><b>Course Description:</b> This course dives into the concepts of biology from a Christian perspective. Topics include “The Study of Life,” an in-depth look at kingdoms monera/protista/fungi/animalia/plantae, “The Chemistry of Life,” “The Cell,” “Cellular Reproduction and DNA,” “Mendelian Genetics,” Creationism vs. Evolution, “Ecology,” etc. This course includes experiments, labs, and a wide range of note-taking strategies.</p> <p><b>Curriculum:</b> <i>Exploring Creation with Biology 2nd Ed.</i> Apologia (ISBN: 9781932012545); Optional: Student Notebook (ISBN: 9781940110127)</p> <p><b>CMF:</b> \$60, <b>ISN:</b> yes, <b>CBs:</b> yes</p>
<p><b>Chemistry</b></p> 	<p><b>Course Description:</b> This course examines the concepts of chemistry from a Christian perspective. Topics include “Measurement, Units and the Scientific Method,” “Atoms &amp; Molecules,” “Atomic Structure,” “Molecular Structure,” “Polyatomic Ions &amp; Molecular Geometry,” “Changes in Matter &amp; Chemical Reactions,” “Stoichiometry,” “Acid-Base Chemistry,” “The Chemistry of Solutions,” “Thermodynamics,” “Redox Reactions,” etc. This course includes experiments, labs, and a wide range of note-taking strategies.</p> <p><b>Curriculum:</b> <i>Exploring Creation with Chemistry</i> Apologia (ISBN: 9781940110257); Optional: <i>Student Notebook</i> (ISBN: 9781940110417)</p> <p><b>CMF:</b> \$60, <b>ISN:</b> yes, <b>CBs:</b> yes</p>

<p><b>Biology II</b></p> 	<p><b>Course Description:</b> This course dives even deeper into the concepts of biology from a Christian perspective. The anatomy and physiology topics covered in this course include the histology and movement of the various body systems: integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic, digestive, respiratory, urinary, and reproductive. This course does include experiments and labs as well as a focus on a wide variety of note-taking strategies.</p> <p><b>Curriculum:</b> <i>The Human Body (Advanced Biology)</i> 2nd Ed. Apologia (ISBN: 1935495720); Optional: <i>THB: Student Notebook</i> (ISBN: 1940110386)</p> <p><b>CMF:</b> \$60, <b>ISN:</b> yes, <b>CBs:</b> yes</p>
<p><b>Foreign Language/Electives</b></p>	
<p><b>Spanish I Latin I</b></p> 	<p><b>Course Description:</b> In this first language course, students will learn the basics of the five components of the language: reading, writing, speaking, listening, and culture. Topics include the alphabet, numbers, expressing dates/time, basic conversations, parts of speech, the number and gender of nouns, ser/estar, present/future/past tense constructions.</p> <p><b>Curriculum:</b> Spanish - IXL online curriculum (membership included in CMF) Latin - Cambridge Latin Course, Unit 1 (provided by teacher); National Latin Exam (cost TBD)</p> <p><b>Spanish - CMF:</b> \$20, <b>ISN:</b> yes, <b>CBs:</b> no                      <b>Latin - CMF:</b> \$50, <b>ISN:</b> no, <b>CBs:</b> no</p>
<p><b>ACT Prep (Spring)</b></p> 	<p><b>Course Description:</b> This one-semester course helps students study and prepare for the ACT. Using a combination of proven test-taking strategies, thorough review sessions, numerous practice tests, and individualized and differentiated homework assignments, many students are able to jump a number of points on their scores and gain confidence in test-taking abilities.</p> <p><b>Curriculum:</b> <i>The REAL ACT</i> (ISBN: 978-0768934328)</p> <p><b>CMF:</b> \$20, <b>ISN:</b> no, <b>CBs:</b> no</p>
<p><b>Family &amp; Consumer Science</b></p> 	<p><b>Course Description:</b> Formerly known as home economics, this class will cover topics such as personal growth, interpersonal skills, management skills, consumer skills, pathways to career success, wellness/nutrition/food choices, clothing/fashion choices, housing/transportation, etc.</p> <p><b>Curriculum:</b> <i>Managing Life Skills, Student Edition</i> (Glencoe Managing Life Skills 2011)</p> <p><b>CMF:</b> \$50, <b>ISN:</b> no, <b>CBs:</b> no</p>

\*Class times and availability are subject to change based on enrollment.

## Helpful Links:

- IXL - [www.ixl.com](http://www.ixl.com)
- Notgrass Curriculum - [www.history.notgrass.com](http://www.history.notgrass.com)
- Ramsey Education - [www.ramseyeducation.com](http://www.ramseyeducation.com)
- Christian Book - [www.christianbook.com](http://www.christianbook.com)
- Home Science Tools - [www.homesciencetools.com](http://www.homesciencetools.com)
- Rainbow Resource Center - [www.rainbowresource.com](http://www.rainbowresource.com)
- Time 4 Learning - [www.time4learning.com](http://www.time4learning.com)
- Aaron Academy - [www.aaronacademy.com](http://www.aaronacademy.com)
- Christian Community Schools - <https://ccscolts.com/>

We are honored to welcome back Becky Reed for Geometry, Pre-Calculus, and Latin I. ([mrsbeckyreed@gmail.com](mailto:mrsbeckyreed@gmail.com))

*Please note, it is the responsibility of the parents to choose courses that fulfill the requirements of your umbrella school. HPA does not issue credits; we simply issue grades to the parents, who then submit grades to their umbrella schools. Parents remain the primary teachers throughout the homeschool process.*