

# HPA Course Description/Curriculum List

2023-2024

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

- Textbooks are not included in tuition. Parents are responsible for purchasing books and supplies before the first day of school, though we do maintain a small collection of books available for rental.
- It is the parents' responsibility to complete and submit any required paperwork on curriculum used to either their umbrella school or the board of education.
- For courses using IXL, a one-year membership to IXL is included in the price of tuition. Usernames and passwords will be distributed during the first week of classes.
- **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.
- **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><br> | <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.<br><b>Curriculum:</b> IXL (membership included in tuition) and selected readings<br><b>ISN:</b> yes <b>CBs:</b> no (Homework is differentiated for each grade.)   |
| <b>English I-IV</b><br>        | <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.<br><b>Curriculum:</b> IXL (membership included in tuition) and selected readings<br><b>ISN:</b> yes <b>CBs:</b> no (Homework is differentiated for each grade.)                          |
| <b>Math</b>   |   |
| <b>Middle School Math</b><br>  | <b>Course Description:</b> This course serves as the foundation for high school math courses. Students will gain a better understanding of 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.<br><b>Curriculum:</b> IXL online curriculum (membership included in tuition)<br><b>ISN:</b> yes <b>CBs:</b> no (Homework is differentiated for each grade.) |
| <b>Algebra I</b><br>           | <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 & operations, ratios, rates, proportions, percent, geometry, variable expressions & equations, inequalities, data & graphs, problem solving, etc. Math concepts will be presented in fun and engaging lessons that focus on problem-solving skills.<br><b>Curriculum:</b> IXL online curriculum (membership included in tuition)<br><b>ISN:</b> yes <b>CBs:</b> no   |

|  |  |
|--|--|
| <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.<br/> <b>Curriculum:</b> IXL online curriculum (membership included in tuition)<br/> <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.<br/> <b>Curriculum:</b> IXL online curriculum (membership included in tuition)<br/> <b>ISN:</b> yes <b>CBs:</b> no</p>   |
| <p><b>History &amp; Social Studies</b></p>   |  |
| <p><b>Middle School History</b></p>   | <p><b>Course Description:</b> “<i>Uncle Sam and You</i> by Ray and Charlene Notgrass is a one-year civics and government course for students in grades 5-8. Daily lessons teach your child about the foundations of American government, the elections process, and how Federal, state, and local governments work.” (Notgrass).<br/> <b>*We rotate curriculum every year, so 6th-8th graders get a new class each year</b><br/>         (curriculum rotation schedule: <i>America the Beautiful</i>: 2022-2023, <i>Uncle Sam &amp; You</i>: 2023-2024, <i>From Adam to Us</i>: 2024-2025)<br/> <b>Curriculum:</b> <i>Uncle Sam &amp; You</i> (1&amp;2); <i>Student WB, Lesson Review</i> (Notgrass)<br/> <b>Optional Curriculum:</b> <i>The Citizen’s Handbook</i> (Notgrass)<br/> <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.”<br/> <b>Curriculum:</b> <i>Exploring World History</i> (1&amp;2); <i>Student Review</i><br/> <b>Optional Curriculum:</b> <i>In Their Own Words</i><br/> <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.<br/> <b>Curriculum:</b> <i>Exploring America</i> (1&amp;2); <i>Student Review</i><br/> <b>Optional Curriculum:</b> <i>American Voices</i><br/> <b>ISN:</b> no <b>CBs:</b> yes</p>  |
| <p><b>Government</b></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.”<br/> <b>Curriculum:</b> <i>Exploring Government</i> Notgrass; <i>Exploring Government: Student Review</i>;<br/> <b>Optional Curriculum:</b> <i>We Hold These Truths</i><br/> <b>ISN:</b> no <b>CBs:</b> yes</p>  |

|   |  |
|---|--|
| <p><b>Economics</b></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>Student Review</i>; <b>Optional Text:</b> <i>Making Choices</i><br/> <b>ISN:</b> no <b>CBs:</b> yes</p>  |
| <p><b>Science</b></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);<br/> <b>Optional Curriculum:</b> Student Notebook (ISBN: 9781940110127)<br/> <b>ISN:</b> yes <b>CBs:</b> yes     <b>***Second Edition - ask about borrowing a book from HPA***</b></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, labs, and note taking strategies.</p> <p><b>Curriculum:</b> <i>The Human Body (Advanced Biology)</i> 2nd Ed. Apologia (ISBN: 1935495720);<br/> <b>Optional Curriculum:</b> <i>THB: Student Notebook</i> (ISBN: 1940110386)<br/> <b>ISN:</b> yes <b>CBs:</b> yes</p>   |
| <p><b>Foreign Language/Electives</b></p>  |  |
| <p><b>Spanish 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 tuition)<br/> <b>ISN:</b> yes <b>CBs:</b> no</p>  |
| <p><b>Health</b></p>     | <p><b>Course Description:</b> “This 15-module course covers the physical, nutritional, emotional, and spiritual aspects of growing into a healthy adult. Students will study the systems of the human body, senses, genetics, temperaments, and the physical influence on thoughts and feelings. Students will gain an in-depth knowledge of both macronutrients and micronutrients, including the importance of exercise and proper diet.” <b>(online only)</b></p> <p><b>Curriculum:</b> <i>Exploring Creation w/ Health &amp; Nutrition</i>, Textbook &amp; Student Notebook (Apologia)<br/> <b>ISN:</b> no <b>CBs:</b> yes</p>   |

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

## Helpful Links:

- [www.ixl.com](http://www.ixl.com)
- [www.history.notgrass.com](http://www.history.notgrass.com)
- [www.ramseyeducation.com](http://www.ramseyeducation.com)
- [www.christianbook.com](http://www.christianbook.com)
- [www.homesciencetools.com](http://www.homesciencetools.com)
- [www.rainbowresource.com](http://www.rainbowresource.com)
- [www.time4learning.com](http://www.time4learning.com)
- [www.aaronacademy.com](http://www.aaronacademy.com)
- <https://ccscolts.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.