

HUDSON VALLEY CONSORTIUM

COURSE CATALOG 2025-2026

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MIDDLE SCHOOL ENGLISH LANGUAGE ARTS

Reading Comp, Grammar, and Vocab 5-6

Teacher Name: Liz O'Clair

Grade Levels: 5-6

Hours of homework per week: None

Fee: \$160

Course Description: This course will use a variety of texts to strengthen reading comprehension, grammar skills, and vocabulary to empower students to be strong and effective readers. A combination of books, workbooks, biographies, poems, articles and short stories will be utilized throughout the course as well as games and creative extension activities to reinforce material learned.

Course Objectives:

1. Improve ability to make inferences, accurately summarize material read, correctly identify the main ideas and engage in conversations to analyze each text.
2. Demonstrate an understanding of sentence structure, usage of punctuation and parts of speech.
3. Enhance vocabulary and understanding of word meanings to improve reading comprehension, fluency, and accuracy.

Grades will be formed through grammar and vocabulary quizzes as well as class participation in reading comprehension-based activities. Although there will be no formal homework, there will be opportunities for extra credit work throughout the course.

Required Material: All necessary materials and texts will be provided.

Integrated Language Arts 7-8

Teacher Name: Claire Hazzard

Grade Levels: 7-8

Hours of homework per week: 1 - 2 hours

Fee: \$160

Course Description: This course will build foundational skills in vocabulary, reading comprehension, grammar, and penmanship (if needed) for 7th- and 8th-grade

students. Using *Vocabu-Lit* as the spine, students will expand vocabulary and strengthen comprehension by closely reading excerpts from contemporary and classic fiction, nonfiction, speeches, and primary sources. Grammar instruction—including parts of speech, punctuation, sentence structure, and usage—will be taught alongside the vocabulary curriculum, with ample in-class practice and reinforcement through homework.

This class meets once a week, with two scheduling options available. Students should register for the day that works best for their schedule. Both sections will cover the same material.

Required Material: All necessary texts and materials will be provided. Students should bring a notebook or have a dedicated section in a binder.

IEW Writing Structure & Style

Teacher Name: Renee Capuano

Grade Levels: 5-8

Hours of homework per week: 1-2 hours

Fee: \$150

Course Description: Travel back in time to early United States history!

This theme-based writing curriculum allows students to experience United States history through cultural literature and the study of famous people and events while learning to write with structure and style. The course develops composition, grammar, and vocabulary skills. Students will write on topics from US world history, culture and literature. Included: Outlines, Narrative Stories, Summarizing, Writing from Pictures, Research, Inventive Writing and Critiques

Note: This is a writing course, not a history course.

Essay will be typed. Parents may assist with typing as needed.

Required Material: Text Book: U.S. History-Based Writing Lessons – Student Book: \$35 at IEW or CBD

Creative Writing

Teacher Name: Nina Van Valkenburgh

Grade Levels: 5-8

Hours of homework per week: 1 hour

Fee: \$150

Course Description: This class will provide students with the skill set to tap into their own creativity and allow them to express their ideas in better, more engaging ways. We will hone the craft and adventure of creative writing allowing each student to explore in-depth their own strengths and interests. Students will learn the basic elements of fiction writing including narrative, description, and character development. In addition, students will strengthen basic skills such as dialogue and grammar. Each month we will look at a new genre by examining a short story and pulling out the best of each author and incorporating it into our own writing. Homework for each week will include some writing and occasional reading. Writing will be done both at home and in class. Students will have the opportunity to workshop their writing with their peers and receive teacher feedback for improvement.

Required Material: Binder, Pencil, Three subject notebook. Electronics will be used to complete classwork at home.

Writing Tutor

Teacher Name: Karen Rutkowski

Grade Levels: 5-12

Hours of homework per week: None

Fee: \$120

Course Description: Help with completing any written assignment.

This might include:

- Homework requiring written responses,
- Writing paragraphs or essays,
- Help breaking large writing assignments into manageable steps,
- Mrs. Capuano's IEW homework, or
- Research papers for Ms. Nina.

Students should bring assignments from other HVC classes or from home. Homework may be required, either to finish assignments or to practice skills. Instruction will be focused on incremental improvement and will be based on current ability, in consultation with a parent over the summer. This is not private tutoring, and students will need to work independently while the teacher is helping others. Electronics may be used if assignments need to be typed.

Required Material: Assignments to work on during class. Parent/Teacher discussion required over the summer to discuss parent's goals.

Introduction to Literature

Teacher Name: Claire Hazzard

Grade Levels: 5-6

Hours of homework per week: 1-2 hours

Fee: \$160

Course Description: Through this course, students will be introduced to literary analysis and common literary devices using classic literature and a variety of shorter texts. In the first semester, students will read *The Phantom Tollbooth* by Norton Juster and *Old Yeller* by Fred Gipson, followed by Gary Paulsen's *Hatchet* and James Thurber's *The Thirteen Clocks* in the second semester. In both semesters, students will also read selected short stories, nonfiction texts, and poems to support their understanding of theme, conflict, plot structure, and character development. Students are expected to complete the assigned reading each week and respond thoughtfully in their reading journals to prepare for discussion and deepen comprehension.

Required Material: The instructor will provide all texts and materials, including the reading journal.

Literature

Teacher Name: Nina VanValkenburgh

Grade Levels: 5-8

Hours of homework per week: 1-2 hours

Fee: \$150

Course Description: This class is an introduction to reading and analyzing the primary genres of fiction, drama and poetry through classic literature. The purpose of this class will be to encourage students to enjoy and understand literature, while developing their vocabularies and analytical skills. Students will read (or listen to the audio of) the above selection of novels, as well as short stories, poems and passages from additional works of Shakespeare. Students will learn to respond critically to these works while examining themes, motifs, world views, language, plot structures, and characters through class discussion, questions and written evidence-based responses. For each novel, students will be compiling both in class and for homework an in-depth written glossary of terms, review, and analysis of the work through written activities and assignments. Homework will primarily consist of reading. This class runs on a 4 year book cycle. This is the second year of the cycle. Students who took the class last year can take it again and new students are welcome!

Required Material: Books (audio or written versions) - The Railway Children, The Tough Winter, Julius Caesar, Little Women, Beowulf, Peter Pan, and Through The Looking Glass

Spelling Bee

Teacher Name: Renee Capuano

Grade Levels: 5-8

Hours of homework per week: None

Fee: \$85

Course Description: Preparing for the spelling bee takes focused study – and is a whole lot of fun! Students across the country and around the world will compete in regional spelling bees to determine who will join the 2025 Scripps National Spelling Bee in Washington, D.C.

Not interested in making it all the way to the national bee? That's ok! Come join us for spelling bee fun, bees, games, prizes and official word lists. This class focuses on spelling, public speaking and competition skills.

This class is appropriate for all levels and spelling abilities. Beginners and returning students are all welcome!

Studying and participating in the HVC spelling bee is optional. Extra credit is awarded with prizes.

Required Material: Word lists supplied by teacher

HIGH SCHOOL ENGLISH LANGUAGE ARTS

Modern Literature

Teacher Name: Teresa Rieder

Grade Levels: 9-12

Hours of homework per week: 1-2 hours

Fee: \$150

Course Description: In this course, students will explore key works of modern literature while developing essential skills in reading comprehension and literary analysis. Through guided discussion and structured essay writing, students will learn to identify literary elements, interpret deeper themes, and craft thoughtful critiques.

We will be using the following books:

- “The Lord of the Flies” by William Golding
- “The Outsiders” by S.E. Hinton
- “Watership Down” by Richard Adams
- “The Best of Poe” by Edgar Allen Poe
- “Killers of the Flower Moon” by David Grann
- “Ender’s Game” by Orson Scott Card
- “Fahrenheit 451” by Ray Bradbury

There will be required computer usage in this class. All essays will be turned in via Google Classroom and all corrections will be provided digitally.

Required Material: Students must acquire a copy of all books listed. All other materials will be provided by the teacher.

World Literature

Teacher Name: Renee Capuano

Grade Levels: 9-12

Hours of homework per week: 2 hours

Fee: \$150

Course Description: World Literature

This is a standard high school literature course which introduces students to a broad knowledge of significant works of world literature greats in a chronological, historical, literary, and artistic context, while developing skills in writing and literary analysis. Homework will mainly consist of weekly reading and study questions. Students will write an essay upon completion of each book. All essays must be typed.

Works studied in this course:

The Odyssey by Homer

Antigone by Sophocles

The Aeneid by Virgil

Inferno by Dante Alighieri

Don Quixote by Miguel de Cervantes

Les Misérables by Victor Hugo

The Portable Nineteenth-Century Russian Reader

Faust by Johann Wolfgang von Goethe

Out of Africa by Isak Dinesen

Required Material: Books may be purchased or borrowed. Some are available in free PDF versions online. High School level versions of each book should be used (not children's versions). All other materials provided by the teacher.

Writing Composition and Rhetoric

Teacher Name: Renee Capuano

Grade Levels: 9-12

Hours of homework per week: 1-2 hours

Fee: \$150

Course Description: This course teaches students to compose essays and arguments based on the most successful and enduring collection of rhetorical

exercises in the Western tradition. The approach to composition emphasizes the classical method of building up the student's reasoning and articulation skills through a series of interrelated rhetorical exercises. Weekly homework will consist of writing 1-5 paragraphs. Topics for analysis may include proverbs, fables, Greek myths, historical documents and short excerpts from literature. The course will have a heavy emphasis not only on writing skills but also analyzation and grammar.

Unit lessons will include narrative essays, persuasive essays, descriptive essays, contrast/compare essays, speeches, impersonations and critiques. This is a full year course with 31 lessons.

Essays are required to be typed.

Required Material: Classical Rhetoric Through Structure & Style. IEW or Amazon=\$35, Used books are acceptable.

Access Writing

Teacher Name: Teresa Rieder

Grade Levels: 9-12

Hours of homework per week: 1-2 hours

Fee: \$150

Course Description: This course builds strong writing skills through a combination of structured composition and grammar instruction. Using Jensen's Format Writing, students will learn to write clear, organized essays, critiques, and reports with confidence. Alongside this, Jensen's Grammar will provide a thorough review of essential grammar rules, equipping students with the tools to write with accuracy and clarity. This course is ideal for students who want to develop solid writing habits and a strong command of English grammar.

There will be computer usage required in this class. All essays will be turned in via Google Classroom, and all corrections will be provided digitally.

Required Material: Students must purchase a workbook of Jensen's Format Writing and Jensen's Grammar.

Writing Tutor

Teacher Name: Karen Rutkowski

Grade Levels: 5-12

Hours of homework per week: None

Fee: \$120

Course Description: Help with completing any written assignment.

This might include:

- Homework requiring written responses,
- Writing paragraphs or essays,
- Help breaking large writing assignments into manageable steps,
- Mrs. Capuano's IEW homework, or
- Research papers for Ms. Nina.

Students should bring assignments from other HVC classes or from home. Homework may be required, either to finish assignments or to practice skills. Instruction will be focused on incremental improvement and will be based on current ability, in consultation with a parent over the summer. This is not private tutoring, and students will need to work independently while the teacher is helping others. Electronics may be used if assignments need to be typed.

Required Material: Assignments to work on during class. Parent/Teacher discussion required over the summer to discuss parent's goals.

Traditional Logic

Teacher Name: Nina VanValkenburgh

Grade Levels: 9-12

Hours of homework per week: 1-2 hours

Fee: \$150

Course Description: This class is designed to prepare students to recognize logical conclusions in a modern and confusing world. We will explore the timeless framework of human reasoning as established by Aristotle and used by theologians and philosophers for centuries to aim at truth. The goal for students in this class will be to echo the words of Saint Augustine, "A person who is a good and true Christian should realize that truth belongs to [God], wherever it is found, gathering and acknowledging it even in pagan literature." Students will learn the rules for

logic and then apply them to the text Mere Christianity and articles on current events. We will also occasionally incorporate the works of other philosophers in order to unravel their arguments. In class, we will review homework, discuss the lesson, master new concepts through application and engage in debate using the tools of logic.

Required Material: Traditional Logic Workbook by Martin Cothran and Traditional Logic Text by Martin Cothran published by Memoria Press. Students will also read Mere Christianity by C.S. Lewis (which can be obtained from the library).

MIDDLE SCHOOL MATH

Math 5

Teacher Name: Jina Lawardi

Grade Levels: 5th

Hours of homework per week: 2+ hours

Fee: \$160

Course Description: We will be using the Saxon Math Homeschool 6/5 Student Workbook. Prerequisite: Due to the characteristics of the Saxon math curriculum, students are recommended to take the assessment in the link attached below to determine if the student meets the skill level to get the best academic achievement out of the course. The curriculum is mostly based on the student's skill level rather than the grade level. Assessment link:

<https://g.christianbook.com/ns/pdf/placement/793192.pdf>

The textbook will cover fractions, multiplications (single digit to three digits), decimals, converting units, geometry, prime factorizations, graphing, and order of operations.

The course assignments are given through online communication formats, Google Classroom, and Thinkwave(for grades), at least twice weekly. The students are expected to do at least 45 minutes of homework each weekday with a parent's help or independent learning to get the best results. Take-home tests and pop quizzes will be given to assess students' needs.

The online homework help sessions/ office hours will be held for an hour on Thursday evenings (This could change based on the class needs)

Required Material: Textbook: Saxon Math 6/5, 3rd edition:

<https://www.christianbook.com/saxon-math-65-third-ed-student/9781591413189/pd/793184?event=CPOF> 3_ring binders, notebooks/loose leaf papers, graph papers, ruler, pen/pencils, index cards.

Math 6

Teacher Name: Donna Armitstead

Grade Levels: 6th

Hours of homework per week: 2+ hours

Fee: \$160

Course Description: We will be using the Saxon Math Homeschool 7/6 Student Workbook. Follow this link to view the table of contents of the student workbook: [Saxon Math 7/6, 4th Edition, Student Text: 9781591413196 - Christianbook.com](https://www.christianbook.com/saxon-math-76-student-workbook/9781591413196/pd/793192?event=CPOF)

It is strongly recommended that each student complete the Saxon math assessment in order to determine if this class will meet the student's skill level. Saxon books are skill-level books, not grade-level books. Follow this link to the Saxon Math Assessment: <https://g.christianbook.com/ns/pdf/placement/793192.pdf>

Success in this class requires parent involvement at home, or a student who is able to do some independent learning at home. This course cannot be mastered in 1.5 hours of class time per week alone. In addition to our in-person class time, I will hold a weekly Zoom, probably on a Friday (or another day/time that works better for the majority), for any/all students who would like to attend. These zoom classes are optional but may cover material not able to be covered in-person, or will provide homework help. All tests will be expected to be completed at home to allow more class time for instruction.

There will be homework each weekday, up to one hour for the average student, as well as time for some independent learning each week. Links will be provided for video instruction of topics that are expected to be covered at home.

Required Material: Saxon Math 7/6, 4th Edition, Student Text; ISBN: 1591413192

Math 7

Teacher Name: Donna Armitstead

Grade Levels: 7th

Hours of homework per week: 2+ hours

Fee: \$160

Course Description: We will be using the Saxon Math Homeschool 8/7 Student Workbook. Follow this link to view the table of contents of the student workbook: [Saxon Math 8/7, 3rd Edition, Student Text: 9781591413202 - Christianbook.com](https://www.christianbook.com/Saxon-Math-8-7-3rd-Edition-Student-Text-9781591413202)

It is strongly recommended that each student complete the Saxon math assessment in order to determine if this class will meet the student's skill level. Saxon books are skill-level books, not grade-level books. Follow this link to the Saxon Math Assessment: <https://g.christianbook.com/ns/pdf/placement/793192.pdf>

Success in this class requires parent involvement at home, or a student who is able to do some independent learning at home. This course cannot be mastered in 1.5 hours of class time per week alone. In addition to our in-person class time, I will hold a weekly Zoom, probably on a Friday (or another day/time that works better for the majority), for any/all students who would like to attend. These zoom classes are optional but may cover material not able to be covered in-person, or will provide homework help. All tests will be expected to be completed at home to allow more class time for instruction.

There will be homework each weekday, up to one hour for the average student, as well as time for some independent learning each week. Links will be provided for video instruction of topics that are expected to be covered at home.

Required Material: Saxon Math 8/7, 3rd Edition, Student Text; ISBN: 1591413206

Math 8

Teacher Name: Jina Lawardi

Grade Levels: 8th

Hours of homework per week: 2+ hours

Fee: \$160

Course description: The course is designed to prepare students for algebra courses in High school. Students will be introduced to integers, fractions, square roots,

exponents, linear equations, decimals, ratios, percents, factorization of the numbers, proper operation of distribution, basic equations of variables, and many more.

This course will use Saxon Algebra 1/2 with some supplementary questions from Math in Focus course 2 books. Students MUST take a replacement test in order to enroll in this class:

<https://g.christianbook.com/ns/pdf/placement/993478.pdf?event=Homeschool|1002939>

Required Texts: Textbook: Saxon Algebra 1/2 (prefer 3rd edition). Ruler, calculator, 3- ring binders, notebook or loose-leaf papers, protractor, pencils, highlighters, two or three different colored pens/pencils, graph papers.

Math Skills (Lawardi)

Teacher Name: Jina Lawardi

Grade Levels: 5th-8th

Hours of homework per week: 1-2 hours

Fee: \$135

Course Description: This course is designed for students who want to strengthen their basic math skills through practice problems, math games, and brain teasers. Students will be introduced to/reinforced with most of the math concepts taught in middle school: multiplications, fractions, divisions, decimals, geometry, graphs, order of operations, number lines, and much more.

Students are expected to check and submit assignments given through an online communication platform, Google Classroom. The online homework help sessions/ office hours will be held for an hour on Thursday evenings (This could change based on the class needs).

Required Material: Ruler, calculator, 3-ring binders, notebook or loose leaf papers, protractor, pencils, highlighters, two or three different colored pens/pencils, graph papers.

Math Skills (Jewett)

Teacher Name: Jennifer Jewett

Grade Levels: 5th-8th

Hours of homework per week: 1-2 hours

Fee: \$135

Course Description: This course is designed for students who want to strengthen their math skills through practice problems, math games, and brain teasers.

Students will be introduced to/reinforced with most of the math concepts taught in Middle School: possibly including but not limited to multiplication, fractions, division, decimals, geometry, graphs, order of operations, number lines etc. I will attempt to focus the class on the areas that are most productive depending on the needs of the individual students in the class.

Required Material: Paper or notebook, pencils, possibly graph paper, and other materials to be determined.

Math Games

Teacher Name: Donna Armitstead

Grade Levels: 5th - 8th

Hours of homework per week: None

Fee: \$115

Course Description: Come join us for a time where you can discover some of the many fun games and fantastic activities involving math and logic. Solve math riddles and magic squares and puzzles. Create beautiful art using math - spirolaterals, tangrams and more. Complete mazes and Hidato puzzles. Learn about math palindromes and become a math-a-magician. Race to the prize in an Escape Room challenge. Learn why the number 270 is so important in the US government. Some of the many games we will play include: Back-to-back, Buzz, The Price Is Right, World's Best Bingo, Match Madness, Mexican Train, Election Night, Pay Day, Yahtzee, SKUNK, Prime Climb, Rubiks Race, Battleship, Clumsy Thief, Five Crowns, Shut the Box, Tenzi, Quixx... and so many more!

Required Material: None

Tutor - Math/Science (Hulbert)

Teacher Name: Dan Hulbert

Grade Levels: 5-12

Hours of homework per week: None

Fee: \$200

Course description: Tutoring with Mr. Hulbert is a time for students in math or science classes (outside of HVC classes welcome) to get extra help. This is not private tutoring so the student will share time with other students. Students should come to tutoring prepared with specific questions and homework to work on when the teacher is busy with other students.

Required Material: Textbook and supplies necessary for class.

HIGH SCHOOL MATH

Algebra I (Rice)

Teacher Name: Terri Rice

Grade Levels: 8th-10th

Hours of homework per week: 2+ hours

Fee: \$250 per semester

Course description: This class will be held twice each week, 1 1/2 hours each, covering 4-5 lessons per week with a few added activities, quizzes and tests in class. This class is done “flip-class” style with the students viewing the video lesson (and completing a work page) at home BEFORE class begins. We will try to finish as much of the subsequent “homework” page in class, but students will need to finish anything not completed at home for homework credit. Students will need a QR reader or use the website

<https://emathinstruction.com/courses/common-core-algebra-i/> to view the videos.

Required Material: Textbook is included with tuition fee but please provide the following: 3-ring binder (1.5 inches minimum), tabbed dividers, notebook paper, graph paper, straight edge (may be a protractor), GRAPHING calculator (TI-83 Plus or TI-84), electronic device with Internet access at home to view videos.

Algebra I (Hulbert)

Teacher Name: Dan Hulbert

Grade Levels: 8th-9th

Hours of homework per week: 2+ hours

Fee: \$300

Course description: First year algebra course with topics including solving one-variable equations and associated word problems; two-variable systems of equations and associated word problems; graphing linear equations, linear inequalities, systems of linear equation and linear inequalities; polynomial operations; ratios, proportions, & percent; algebraic & coordinate geometry; right triangle trigonometry and Pythagorean theorem; factoring polynomials, radical operations, solving quadratic equations; graphing quadratic equations; operations with rational functions; basic probability and statistics. Testing will occur in study hall or monitored by parents at home. Google Classroom used, Google account (parent and/or student) required.

Required Material: Graphing calculator use will be required (TI-84 suggested).

Textbook will be Amsco's Integrated Algebra I, Gantert, ISBN 978-1567655841.

Teacher has several copies to borrow.

Geometry

Teacher Name: Terri Rice

Grade Levels: 9th-11th, Algebra 1 prerequisite

Hours of homework per week: 2+ hours

Fee: \$250 per semester

Course description: This class will be held twice each week, 1 1/2 hours each, covering 4-5 lessons per week with a few added activities, quizzes and tests in class. This class is done “flip-class” style with the students viewing the video lesson (and completing a work page) at home BEFORE class begins. We will try to finish as much of the subsequent “homework” page in class, but students will need to finish anything not completed at home for homework credit. Students will need a QR reader or use the website

<https://emathinstruction.com/courses/common-core-geometry/> to view the videos.

Required Material: Textbook is included with tuition fee but please provide the following: 3-ring binder (1.5 inches minimum), tabbed dividers, notebook paper, graph paper, straight edge (may be a protractor), drawing compass (Please get a good one. I recommend one of the better Staedtler brand metal compasses.), GRAPHING calculator (TI-83 Plus or TI-84), electronic device with Internet access at home to view videos.

Algebra II (Rice)

Teacher Name: Terri Rice

Grade Levels: 10th-12th, Algebra 1 prerequisite

Hours of homework per week: 2+ hours

Fee: \$250 per semester

Course description: This class will be held twice each week, 1 1/2 hours each, covering 4-5 lessons per week with a few added activities, quizzes and tests in class. This class is done “flip-class” style with the students viewing the video lesson (and completing a work page) at home BEFORE class begins. We will try to finish as much of the subsequent “homework” page in class, but students will need to finish anything not completed at home for homework credit. Students will need a QR reader or use the website

<https://emathinstruction.com/courses/common-core-algebra-i/> to view the videos.

Required Material: Textbook is included with tuition fee but please provide the following: 3-ring binder (1.5 inches minimum), tabbed dividers, notebook paper, graph paper, straight edge (may be a protractor), GRAPHING calculator (TI-83 Plus or TI-84), electronic device with Internet access at home to view videos.

Algebra II (Hulbert)

Teacher Name: Dan Hulbert

Grade Levels: 10th-11th

Hours of homework per week: 2+ hours

Fee: \$300

Course description: Third year algebra course with topics including solving absolute value and quadratic equations and inequalities; operations with rational expressions and solving rational equations and inequalities, with associated word

problems; operations with radicals and solving and graphing radical equations; functions – algebra, composition, inverse, and inverse variation; circles – algebraic and coordinate geometry; quadratics equations and complex numbers; sequences and series; exponential functions; logarithmic functions; trigonometry basics – six functions, unit circle, radians, inverse trig functions; graphs of trigonometric functions; trigonometric identities; solving trigonometric equations; applications of trigonometric functions – laws of sines and cosines, area of triangle; statistics and probability. quadratic equations; operations with rational functions; basic probability and statistics. Testing will occur in study hall or monitored by parents at home. Google Classroom used, Google account (parent and/or student) required.

Required Material: Graphing calculator use will be required (TI-84 suggested). Textbook will be Amsco's Integrated Algebra 2 and Trigonometry, Gantert, ISBN 978-1567657029. Teacher has several copies to borrow.

PreCalculus (with College Credit)

Teacher Name: Dan Hulbert

Grade Levels: 11th-12th

Hours of homework per week: 2+ hours

Fee: \$300

Course description: This course, upon final approval, allows students to earn four credits from the University at Albany. Topics include functions; solving and graphing higher degree algebraic functions; extensions of exponential and logarithmic functions, including solving, graphing, and associated word problems; extensions of trigonometric functions, including solving equations and graphing; solving three variable systems of equations and appropriate word problems; coordinate geometry of conic sections; limits; early calculus – basic derivative rules, beginning Reimann sums. Testing will occur in study hall or monitored by parents at home. Google Classroom used, Google account (parent and/or student) required.

Required Material: Graphing calculator use will be required (TI-84 suggested). Textbook will be Precalculus with Limits: A Graphing Approach, 3rd Edition, Larson ISBN 978-0618052912. Teacher has several copies to borrow.

Introduction to Calculus

Teacher Name: Dan Hulbert

Grade Levels: 11th - 12th

Hours of homework per week: 1-2 hours

Fee: \$300

Course Description: This course does not bear college credit, intended to introduce foundational calculus themes. Topics include limits and continuity; differentiability; full scope of derivative rules and some applications; all Riemann sums; integration techniques and some applications; solving separable differential equations and appropriate word problems. Some class time will be allocated for assisted problem solving. Google Classroom used, Google account (parent and/or student) required.

Required Material: Graphing calculator use will be required (TI-84 suggested). Textbook will be Calculus of a Single Variable: Early Transcendental Functions, 5th Edition, Larson, ISBN 978-0538497183. Teacher has several copies to borrow.

Personal Finance

Teacher Name: Karen Rutkowski

Grade Levels: 9-12

Hours of homework per week: None

Fee: \$150

Course Description: This class will cover, in a fun way, all the personal finance topics necessary to become a financially capable adult and a good steward of God's resources while we hold them. Students will gain a thorough understanding of personal finance topics and be prepared to handle financial responsibilities after high school. Topics will include behavior and habits, banking, giving, saving, credit, paying for college, insurance, taxes, budgeting, and consumer skills, including evaluating charities. We will sometimes use relevant videos to explain topics, but most classes will involve discussion, real-world scenarios, group activities, games, and worksheets to teach concepts.

(Please note that this is an enrichment class and does not fill the NYS High School Economics requirement.)

Occasionally, there will be an extra credit assignment to play a finance game on a device at home (through a website).

Required Material: All materials provided. (Most materials will be taken from ngpf.org, a secular non-profit, but class discussions will be from a thoroughly Christian perspective.)

Tutor - Math (Rice)

Teacher Name: Terri Rice

Grade Levels: 8-12

Hours of homework per week: None

Fee: \$150 per semester

Course description: Math Tutoring with Mrs. Rice is a time for students in Mrs. Rice's math classes to get extra help. This is not private tutoring so the student will share time with other students. (For private one-on-one tutoring, contact Mrs. Rice directly. This will be done at her home or over Zoom.) I prefer students to come to tutoring prepared with specific questions they need help with. When possible, I try to work with students in blocks, so please come to tutoring prepared to work on routine math lessons when the teacher is working with another student.

Tutoring slots are set up for Mrs. Rice's math students first. If extra room and permission by your student's teacher, consideration will be made for students not in Mrs. Rice's classes.

Required Material: Textbook and supplies necessary for class. Parents will need to supply the textbook and answer keys for tutoring.

Tutor - Math/Science (Hulbert)

Teacher Name: Dan Hulbert

Grade Levels: 5-12

Hours of homework per week: None

Fee: \$200

Course description: Tutoring with Mr. Hulbert is a time for students in math or science classes (outside of HVC classes welcome) to get extra help. This is not private tutoring so the student will share time with other students. Students should

come to tutoring prepared with specific questions and homework to work on when the teacher is busy with other students.

Required Material: Textbook and supplies necessary for class.

MIDDLE SCHOOL SCIENCE/TECHNOLOGY

Physics 5/6

Teacher Name: Antoinette Ruffino

Grade Levels: 5-6

Hours of homework per week: < 1 hour

Fee: \$180

Course Description: This is a full year science course that meets the academic science requirement. This course will use Christian Kids Explore Physics as the core text. Videos will also be used to supplement, support and help students obtain a better understanding of material. The following units will be covered, each having approximately 5 lessons. Matter, Mechanics, Matter in Motion, Energy in Motion, Electricity and Magnetism. Each class will include a review/ follow up, and new lesson. Students will have fun learning the concepts by participating in weekly hands-on activities and experiments. All experiments will be completed in class, unless specified. Unit reviews will be completed in class. Reviews will consist of review questions at the end of each lesson and vocabulary words. At the end of each unit students will test their knowledge using games like Jeopardy to help engage and solidify concepts. Weekly homework will consist of writing out vocabulary words for the week based on what was covered in class and on occasion lab questions. Weekly updates and homework assignments will be listed via Thinkwave.

Required Material: Christian Kids Explore Physics by Robert W. Ridlon, Jr. Text can be purchased new from Christianbook.com for \$30, digital download for \$7. Used copies are also available as low as \$6 on Thriftbooks.com and AbeBooks.com.

General Science 7/8

Teacher Name: Antoinette Ruffino

Grade Levels: 7-8

Hours of homework per week: 1-2 hours

Fee: \$185

Course Description: This General Science course fulfills your middle school science requirement. The class will cover a variety of branches of science, including astronomy, meteorology, oceanography, earth study, geology, paleontology, and environmental science. Students will become familiar with the scientific process, methods, data collection, note taking and completing informal and formal lab reports as they begin to prepare for high school science classes. Students are expected to complete weekly reading assignments, approx 10-15 pages. Students will be assigned notebook pages corresponding to the text and or lab conclusions as homework. Each class will begin with a lesson of key concepts from the text. Lessons will also include supplemental videos and slides to reinforce and ensure basic understanding. Each class will conclude with hands-on lab and or activity. Some examples include learning how to do a double blind experiment with paper towels, making geodes, creating electrical circuits, extracting DNA from strawberries and frog dissection. If your student is a visual, auditory or kinesthetic learner they will enjoy all that this science class has to offer. Grading for this class will be a combination of class participation, completed homework assignments, take home tests and or module review questions. Participation in the Spring Science Fair is required for this class. The science fair will be held in April.

Required Material: Apologia Exploring Creation with General Science, 3rd edition (Text and student notebook). Texts are available at Christianbook.com or Amazon and I have seen them at some of the used sites like Abebooks.com and thriftbooks.com. All other science materials will be provided by the teacher.

Physical Science 8

Teacher Name: Dr. Evelyn Rice

Grade Levels: 8

Hours of homework per week: 1 - 2 hours

Fee: \$185

Course Description: From atoms to rockets this middle school science course will be covering topics related to chemistry and physics and then applying the

information learned to briefly study Earth science. This course will prepare students to transition into high school science courses. Students will become familiar with the scientific process, methods, data collection, and completing informal and formal lab reports. Students are expected to complete weekly reading assignments approx 10-15 pages. Students will be assigned note book pages corresponding to the text and or lab conclusions as homework. Each class will begin with a lesson and will typically be followed by hands-on experiments and activities. The lesson will include information from the text as well as supplemental videos and slides to reinforce concepts and ensure basic understanding. If your student is a visual, auditory or kinesthetic learner they will enjoy all that this science class has to offer. Grading for this class will be a combination of class participation, completed homework assignments, take home tests and or module review questions. Participation in the Spring Science Fair is mandatory. Completion/understanding of 7th grade math is a requirement for this course.

Required Material: Apologia Exploring Creation with Physical Science, 4th edition (text and student notebook). The text is available at Apologia, Christianbook.com (best price when they have 20% off), Amazon and I have seen them at some of the used sites like Abebooks.com, and thriftbooks.com.

STEM Design

Teacher Name: Heather Torn

Grade Levels: 5th-6th

Hours of homework per week: None

Fee: \$190

Course Description: Students will apply science, technology, engineering and math concepts to solve problems that arise in this hands-on learning class. Students will have the opportunity to learn various science concepts and build projects that reinforce those concepts. Short 5-10 minute videos will occasionally be shown at the beginning of the class to introduce a new learning objective. All projects will be kit based with a few “free days” sprinkled throughout the year. During “free days” students can build and use their imagination to complete a challenge.

Required Material: All materials are provided.

STEAM

Teacher Name: Jina Lawardi

Grade Levels: 6th-8th

Hours of homework per week: < 1 hour

Fee: \$190

Course Description: The class is designed to introduce science through hands-on projects: biology, chemistry, physics, engineering, math, and technology. We will be doing some interesting projects such as the method behind pendulum art, hovercraft from old CDs, seismograph, hand-held cotton ball launcher, chemical synthetic reaction, and etc. Students will be expected to do a minimum of 20-30 minutes of pre-required reading or watching a video of a project before each class.

Required Material: 3-ring binder, notebook/loose-leaf papers, graph papers, compass, protractor, calculator, pen/pencils, and ruler. Electronics will be used to complete at home assignments.

Science Olympiad - Division B

Teacher Name: Dr. Evelyn Rice

Grade Levels: 5-9

Hours of homework per week: 2+ hours

Fee: \$200

Course Description: It is more than a class- it is a TEAM!! Fun science! Thrilling competitions! Great for college applications! You do NOT have to be a science genius to be great at Science Olympiad! Science Olympiad is a nationwide organization that uses a fun competition format to encourage kids to excel in science events. Think "Track Meet", only with science events. Students work in pairs to prepare in depth for many different types of events to win individual and team medals.

This year, there will be no official " Science Olympiad Plus" class in the afternoon, but this 3:30-5:00 time slot on Thursdays will be reserved for scheduled practices with certain event teams each week by the coach, if necessary. Therefore, all Science Olympiad students must register for the Thursday 8:00-9:30 am class.

Types of Events

Knowledge – i.e. Anatomy, Solar System, Rocks and Minerals, Disease Detectives

Skill – i.e. Crime Busters, Experimental Design, Food Science, Optics – Laser Shoot
Build – e.g. Bridge, Hovercraft, Wind Power, Wheeled Vehicle, Glider
A full listing of this year's events can be viewed : [2025 Division B Events | Science Olympiad](#)

Preparation:

Student pairs have a coach for each event who will help them to prepare according to the competition guidelines. Science Olympiad content is designed to be challenging, not aiming for mastery or memorization as much as understanding and application. Students will be meeting outside of designated class time for each event, in either study hall times or other outside times and locations that are convenient for the students. We work with your schedule! Much like a sports team it takes a lot of work and a lot of volunteers to make our season run smoothly. We also ask that all parents volunteer some time to help the team. This can include helping with fundraisers, supervising in class time, coaching, etc. **Please note that volunteer hours required for Science Olympiad do not count towards HVC's volunteer requirements.**

Time Requirements & Electronics Usage :

- Our official class meeting time is Thursday 800-930. But there is out of class time necessary to prepare for our events.

- **Students MUST be available to attend our Regional competition, which is usually the second Saturday in February, and if we qualify for the NY State Tournament, a Saturday in early April. Additionally we try to attend one invitational.** Our invitational, as well as the State competition may require a hotel stay out of the area.

- Knowledge and skill events will require the use of a computer for research and practice both in class and at home. Some build events may require limited online research.

- If you have not previously participated in Science Olympiad and are interested in joining the team this fall, please contact Evelyn Rice prior to registration at evelynricedvm@gmail.com

Additional Details : As coaches, year after year we see kids learn way more than they ever thought they could even gaining a command of college level material. The Science Olympiad team format fosters comradery and partnering on events develops friendships. If you like any aspect of science at all, there's an event for you!

Tutor - Math/Science (Hulbert)

Teacher Name: Dan Hulbert

Grade Levels: 5-12

Hours of homework per week: None

Fee: \$200

Course description: Tutoring with Mr. Hulbert is a time for students in math or science classes (outside of HVC classes welcome) to get extra help. This is not private tutoring so the student will share time with other students. Students should come to tutoring prepared with specific questions and homework to work on when the teacher is busy with other students.

Required Material: Textbook and supplies necessary for class.

HIGH SCHOOL SCIENCE/TECHNOLOGY

Earth Science

Teacher Name: Antoinette Ruffino

Grade Levels: 9-10th

Hours of homework per week: 1-2 hours

Fee: \$225

Course Description: In this course students will be exposed to different aspects of Earth Science. This course will utilize Prentice Hall Science Explorer Textbooks. Each book will cover the following topics; water, inside earth, earth's surface, astronomy, weather, rocks and minerals. Class structure will consist of a lesson based on the week's reading, followed by a lab. These labs will help bolster learning of the concepts in a fun but educational way. Students will be encouraged to be active learners and engage in class discussion as well. Students should anticipate 10-15 pages of weekly reading, question sheets, and or labs. Tests will be given periodically. Participation in the Spring Science Fair is required for this class. The science fair will be held in April. This class fulfills 1 credit of the life science homeschool requirement.

Required Material: Prentice Hall Science Explorer series 2nd edition: Inside Earth, Earth's Changing Surface, Earth's Waters, Weather and Climate, and Astronomy. A

limited number of books will be available to borrow and use for the year at no cost unless lost or damaged.

Biology

Teacher Name: Michael Gaylo

Grade Levels: 9-12

Hours of homework per week: 2+

Fee: \$250

Course description: The Biology course involves the scientific study of living organisms. It will cover the basic form and function of these organisms, from cells to organ systems, from simple viruses to complex mammals. The interactions between organisms, and between an organism and its environment will also be examined. Classroom time will consist of a lecture and lab. Students will be expected to keep a lab notebook to record lab data and to submit written reports for each lab the week following the completion of the lab.

Required Texts: Prentice Hall Biology, student edition by Miller & Levine, printed 2006-2007. These books will have a dragonfly on the cover. Used copies can be purchased on Amazon.com. You can also purchase the text from current students.

Access Chemistry

Teacher Name: Dr. Evelyn Rice

Grade Levels: 10th - 12th

Hours of homework per week: 2+ hours

Fee: \$225

Course Description: In this course students will receive a chemistry foundation that will meet the high school requirement. There will be required reading prior to class each week. Class time will include a review of the required reading for the week, Chemistry problem solving (math), and hands-on labs. Students will be required to write a mixture of formal and informal lab reports. Participation in the Spring Science Fair is mandatory. This course has a very heavy math component and students must have completed Algebra I. Grading is as follows: 25% fully completed homework; 25% quizzes; 25% exams; 15% lab/science fair; 10% classroom participation (which includes bringing supplies).

Required Material: We will be using Savvas Experiencing Chemistry. All required texts are INCLUDED and will be provided to the students. Students will need a scientific calculator and a **lab coat**.

Chemistry

Teacher Name: Dr. Evelyn Rice

Grade Levels: 11th - 12th

Hours of homework per week: 2+ hours

Fee: \$275

Course Description:

In this course students will receive a comprehensive chemistry foundation that will prepare them for college science classes. The class will meet for 2.5 hours and will include a review of the required reading for the week, Chemistry problem solving (math), and a hands-on lab. Students will be required to write a minimum of two formal lab reports per semester, as well as weekly informal lab reports.

Participation in the Spring Science Fair is mandatory. This course has a very heavy math component and students must have completed Algebra I. Grading is as follows: 25% fully completed homework; 25% quizzes; 25% exams; 15% lab/science fair; 10% classroom participation (which includes bringing supplies).

Required Material: We will be using Savvas Experiencing Chemistry. All required texts are INCLUDED and will be provided to the students. Students will need a scientific calculator and a **lab coat**.

Computer Skills

Teacher Name: Teresa Rieder

Grade Levels: 9-12

Hours of homework per week: < 1 hour

Fee: \$150

Course Description: Computer basics with a focus on productivity applications including Microsoft Word, Excel, and Powerpoint; Google Docs, Sheets, and Slides. We will focus on using the programs for both education and business applications. This class will also cover an introduction to basic design principles using graphic design software.. Students will complete projects using the programs learned such as marketing, flyers, brochures and interactive presentations.

Digital citizenship will also be covered including topics such as: online responsibility, media balance, privacy and security, and digital wellbeing. We will also explore navigating the Internet and basic troubleshooting.

Required Material: Windows or Mac computer with Office 2019 or Office 365 installed is required. Please no chromebooks or tablets.

Intro to Electronics and Robotics using Arduino

Teacher Name: Jesse Weber

Grade Levels: 8-12

Hours of homework per week: < 1 hour

Fee: \$250

Course Description: Fall semester will be spent learning electronics basics and Arduino programming using an electronic kit. Spring semester will be spent using that knowledge to assemble and run our own robot. Little to no homework will be assigned for this class. Grades will be based on participation, creativity and responsibility with the electronic kits and robots. This class requires a high degree of fine motor skills for circuit building and robot building as well as soldering. We use Arduino IDE coding software to run all our projects and will be modifying as well as writing our own code.

Required Material: Students must have a laptop for each class that is capable of running the Arduino IDE software. All other textbooks/materials will be provided by the teacher. Lost or damaged electronics will have to be replaced at student's cost.

Advanced Electronics / Coding

Teacher Name: Teresa Rieder

Grade Levels: 8-12

Hours of homework per week: None

Fee: \$150

Course Description: Prerequisite – All students must have taken Introduction to Arduino OR can present working knowledge of Arduino IDE software electronics circuitry (you must request teacher permission before registration if you have not taken the previous class). In this project-based course, students will deepen their

understanding of Arduino programming and hands-on electronics by designing and building more complex circuits and systems. Alongside Arduino, students will be introduced to Python—a versatile, high-level programming language—broadening their coding skills for real-world applications. From interactive devices to sensor-based projects, students will gain experience in both hardware and software while developing critical thinking, creativity, and technical fluency.

I will purchase any parts where buying in bulk and/or my teacher discount gets us a price discount. There is generally no homework for this class unless the student would like to continue working on their projects outside of class. Grades are based on participation.

Required Material: All parts from Intro to Electronics course and a laptop.

Science Olympiad – High School

Teacher Name: Andrea Robinson

Grade Levels: 10-12

Hours of homework per week: 2+ hours

Fee: \$200

Course Description: It is more than a class- it is a TEAM!! Fun science! Thrilling competitions! Great for college applications! You do NOT have to be a science genius to be great at Science Olympiad! Science Olympiad is a nationwide organization that uses a fun competition format to encourage kids to excel in science events. Think “Track Meet”, only with science events. Students work in pairs to prepare in depth for many different types of events to win individual and team medals.

This year, there will be no official “Science Olympiad Plus” class in the afternoon, but this 3:30-5:00 time slot on Thursdays will be reserved for scheduled practices with certain event teams each week by the coach, if necessary. Therefore, all Science Olympiad students must register for the Thursday 8:00-9:30 am class.

Types and Examples of Events:

Knowledge: Anatomy, Astronomy, Rocks & Minerals, Entomology

Skill: Forensics, Experimental Design, Chemistry Lab, Circuit Lab

Build: Bridge, Hovercraft, Helicopter, Wheeled Vehicle, Glider

A full listing of this year's events can be viewed at
<https://www.soinc.org/events/2024-division-c-events>

Preparation:

Student pairs have a coach for each event who will help them to prepare according to the competition guidelines. Science Olympiad content is designed to be challenging, not aiming for mastery or memorization as much as understanding and application. Students will be meeting outside of designated class time for each event, in either study hall times or other outside times and locations that are convenient for the students. We work with your schedule! Much like a sports team it takes a lot of work and a lot of volunteers to make our season run smoothly. We also ask that all parents volunteer some time to help the team. This can include helping with fundraisers, supervising in class time, coaching, etc. Please note that volunteer hours required for Science Olympiad do not count towards HVC's volunteer requirements.

Time Requirements & Electronics Usage:

- Our official class meeting time is Thursday 8:00-9:30. But there is out of class time necessary to prepare for our events.
- **Students MUST be available to attend our Regional competition, which is usually the first Saturday in February, and if we qualify, the NY State Tournament, which will be on another Saturday in mid-March.** The team also attends at least two invitational tournaments before these. Some of our invitationals as well as the State competition may require a hotel stay out of the area.
- Knowledge and skill events will require the use of a computer for research and practice both in class and at home. Some build events may require limited online research.
- If you have not previously participated in Science Olympiad and are interested in joining the team this fall, please contact Andrea Robinson prior to registration at garobinsonfamily@gmail.com

Additional Details:

As coaches, year after year we see kids learn way more than they ever thought they could – even gaining a command of college level material. The Science Olympiad team format fosters comradery, and partnering on events develops friendships. If you like any aspect of science at all, there's an event for you!

Tutor - Math/Science (Hulbert)

Teacher Name: Dan Hulbert

Grade Levels: 8-12

Hours of homework per week: None

Fee: \$200

Course description: Tutoring with Mr. Hulbert is a time for students in math or science classes (outside of HVC classes welcome) to get extra help. This is not private tutoring so the student will share time with other students. Students should come to tutoring prepared with specific questions and homework to work on when the teacher is busy with other students.

Required Material: Textbook and supplies necessary for class.

HISTORY/GEOGRAPHY

Geography

Teacher Name: Claire Hazzard

Grade Levels: 5-8

Hours of homework per week: < 1 hour

Fee: \$160

Course Description: This course begins with a semester-long study of United States geography. Using Mark Twain Media's *U.S. States and Territories* workbook as a spine, students will learn the five themes of geography—location, place, human-environment interaction, movement, and region—and practice reading and using different types of maps. In the second semester, the focus shifts to world geography using *Memoria Press Geography I: Middle East, North Africa, and Europe*. Students will explore these regions through both a historical lens and their connections to current events, helping them build a clearer understanding of the wider world.

Homework will include unfinished classwork and review for weekly quizzes. Grades will be based on quiz performance and classroom participation.

Required Material: All textbooks and workbooks will be provided by the instructor. Students should bring a dedicated notebook or set aside a section in a binder for notes and assignments.

Activity Based American History

Teacher Name: Nina VanValkenburgh

Grade Levels: 5-8

Hours of homework per week: < 1 hour

Fee: \$165

Course Description: This class is an introduction to American history from Columbus through Modern Times. Students will interact with history in a way that both brings it to life and allows them to understand how the past influences the present. Students will also have a chance to gain study skills by participating in class through activities, reenactments, crafts and projects. Students will also have the opportunity to engage with primary sources in order to gain a deeper appreciation of what we are studying. Weekly homework will include reading a chapter of the workbook and answering a few brief questions and occasional additional work on projects. There will be no tests for this class and no note taking required. Grades will be based on homework, participation and projects.

Required Material: [United States History: Guided Reading Workbook Beginnings to 1877](#) by HOLT MCDUGAL

[United States History: Guided Reading Workbook Civil War to the Present](#)
by HOLT MCDUGAL

American History - Middle School

Teacher Name: Fr John Vazquez

Grade Levels: 5-8

Hours of homework per week: ≤ 1 hour

Fee: \$175

Course Description: This class is a survey of US History from the seeds of its beginning in the early 17th century to modern day. Oftentimes, history is presented in a scientific manner—a linear sequence of events that produces certain results. While this may work for science it does not work for history—the study of the

complicated interaction of simultaneous political, social, economic and religious developments. The goal of this class is to provide an investigation of the crucial historical moment that includes the founding of our nation up to the current time we live in. Evaluations will consist of regular oral and written narrations that demonstrate that the weekly assigned reading has been done. In addition students will be required to write two reports.

Required Material: Notebook and writing utensils. All other material provided.

Access American History - High School

Teacher Name: Fr John Vazquez

Grade Levels: 9-12

Hours of homework per week: ≤ 1 hour

Fee: \$175

Course Description: This class is a survey of US History from the seeds of its beginning in the early 17th century to modern day. Oftentimes, history is presented in a scientific manner—a linear sequence of events that produces certain results. While this may work for science it does not work for history—the study of the complicated interaction of simultaneous political, social, economic and religious developments. The goal of this class is to provide an investigation of the crucial historical moment that includes the founding of our nation up to the current time we live in. Evaluations will consist of regular oral and written narrations that demonstrate that the weekly assigned reading has been done. In addition students will be required to write two reports.

Required Material: Notebook and writing utensils. All other material provided.

American History - High School

Teacher Name: Nina VanValkenburgh

Grade Levels: 9-12

Hours of homework per week: 2 + hours

Fee: \$165

Course Description: Students will fall in love with history as we bring it to life with in-depth discussion questions, video clips, and debates. Come explore the world altering history of the United States from early explorers to modern times through

a Christian perspective. We will examine God's plan for America. Students will be challenged to delve into a deeper understanding by examining primary resources that accompany our textbook. Students will be offered to participate in an optional American history book club each semester that will meet at lunch and enjoy a time-period feast. This class has an end of the semester presentation each semester that includes a PowerPoint and an essay. Each week students will have a reading assignment in the textbook and questions to complete in the student workbook. The usual format for this class includes video clips, a short lecture and a significant amount of class discussion and debate. Occasionally, students may need to research additional information on the web for class discussion and debate.

Required Material: Textbook will be provided by teacher - Land of Hope - An Invitation to the Great American Story by Wilfred M. McClay of Hillsdale College
Workbook will need to be purchased by student - [A Student Workbook for Land of Hope: An Invitation to the Great American Story](#) by [Wilfred M. McClay](#) and John McBride

Global History - High School

Teacher Name: Nina VanValkenburgh

Grade Levels: 9-12

Hours of homework per week: 2+ hours

Fee: \$150

Course Description: This course in global studies is designed to develop perspectives on the Middle East, Africa, South Asia (including India and Pakistan) and East Asia (including China and Japan), and West Asia, all of Europe, Russia and Republics, Latin America, and North America. Interactions and linkages among nations and people will be explored within specific time periods to ascertain how the past influences the present. We will look at events that have changed the way people lived, such as political revolutions, social and religious change, new technologies, or the exploration of unknown places. Students will dig into the geography, culture and history of these regions through in class videos, lectures, note-taking, and discussion and debates. Inquiry based lessons allow students to explore primary sources through evidence gathering, evaluation, analysis and interaction. Students will be encouraged to draw conclusions and defend them supported by references and reason. In class students may read primary sources, complete map work, learn note taking and annotating skills, as well as evidence-based discussions and research activities. Limited class time will be spent

in a short lecture, and we will host a number of guest speakers from around the world. Homework will require students to read a chapter of the textbook each week and come to class prepared with a basic understanding of the lesson by answering questions from the book. Occasionally, students will be asked to consider historical implications of events in brief 1 page essays. Research projects will be due at the end of each semester.

Required Material: Text – Provided by Teacher –Geography Holt MacDougal . Binder, notebook, and pencil. Electronics will be used to complete classwork at home.

COLLEGE COURSES

PreCalculus (with College Credit)

Teacher Name: Dan Hulbert

Grade Levels: 11th-12th

Hours of homework per week: 2+ hours

Fee: \$300

Course description: This course, upon final approval, allows students to earn four credits from the University at Albany. Topics include functions; solving and graphing higher degree algebraic functions; extensions of exponential and logarithmic functions, including solving, graphing, and associated word problems; extensions of trigonometric functions, including solving equations and graphing; solving three variable systems of equations and appropriate word problems; coordinate geometry of conic sections; limits; early calculus - basic derivative rules, beginning Reimann sums. Testing will occur in study hall or monitored by parents at home. Google Classroom used, Google account (parent and/or student) required.

Required Material: Graphing calculator use will be required (TI-84 suggested). Textbook will be Precalculus with Limits: A Graphing Approach, 3rd Edition, Larson ISBN 978-0618052912. Teacher has several copies to borrow.

Introduction to Sociology

Teacher Name: Antoinette Ruffino

Grade Levels: 11 - 12

Hours of homework per week: 3 hours

Fee: \$225

Course Description: In this college level course students will learn the foundational understanding of sociology, and its discipline. The course will cover how social structures, social institutions and cultural norms shape human behavior and social interaction. Key sociological concepts, theories and research methods will also be covered. The knowledge gained in this course will aid students in future studies, careers, and encourage the development of critical thinking about important issues.

Classes will consist of lectures on key concepts, video presentations and class discussion. Weekly reading assignments and homework will be required.

This course will begin one week prior to the start of HVC and will meet one week during winter break. Dates will be decided after registration is complete.

This course will mirror the course taught at SUNY Albany. Students are expected to hand in college level work and have a B average or better to register for this course.

Required Material: Textbook to be determined. I am hoping to use a free online version, however, students should be prepared to purchase a text if necessary.

ART

Art Building Blocks

Teacher Name: Noreen Powell

Grade Levels: 5th-8th

Hours of homework per week: None

Fee: \$180

Course Description: Students will be guided through beginning level art projects that will build their skills in design, drawing and painting. Students will explore a variety of mediums and be exposed to and inspired by some of the masters of art. Projects will be different from previous years.

Required Material: All art supplies are included except for the student's sketchbook.

Mixed Media

Teacher Name: Noreen Powell

Grade Levels: 5th-8th

Hours of homework per week: None

Fee: \$180

Course Description: This course offers hands-on learning through the art process. Students will experiment with a variety of media throughout this course with an emphasis on three dimensional art. Projects will be different from previous years.

Required Material: All art supplies are included except for the student's sketchbook.

SciArt

Teacher Name: Heather Torn

Grade Level: 5-8

Hours of homework per week: None

Fee: \$175

Course description: SciArt combines creative expression with scientific inquiry, drawing inspiration from scientific concepts and using them as mediums for artistic creation. In this class we will be using "notebooking art" to help learn and explore the beauty of art in science.

Required Material: Students should bring a 9x12 spiral bound sketchbook, colored pencils, an ultra fine tip and a fine tip black Sharpie. All other materials will be supplied by the teacher.

Art Based on American Artists

Teacher Name: Noreen Powell

Grade Levels: 9-12

Hours of homework per week: < 1 hour

Fee: \$180

Course Description: Students will create works of art inspired by artists such as Thomas Cole, Andrew Wyeth, Grandma Moses, and Georgia O'Keefe, all of whom have strong ties to the Northeast region. We will reflect on the diverse landscapes, cultures, and histories that define American art.

Required Material: All art supplies are included except for the student's sketchbook.

Studio Art

Teacher Name: Noreen Powell

Grade Levels: 9-12

Hours of homework per week: < 1 hour

Fee: \$180

Course Description: Students will learn foundational skills to create works of art. There will be an emphasis on drawing in the Fall semester and painting in the Spring semester. Projects will be different from previous years.

Required Material: All art supplies are included except for the student's sketchbook.

Hand Building with Clay

Teacher Name: Helen Centanni

Grade Level: 9-12

Hours of homework per week: None

Fee: \$170

Course description: Students will explore various hand building techniques including slab, coil, pinching and sculpting. The techniques will be used to create many pieces that the students will complete by texturizing and/or painting. This class is only for students truly interested in creating art out of clay. Although I allow students to socialize while creating and working, it is not a social hour. Additionally, I occasionally allow students to browse the internet/phones for inspiration for projects. Students will be required to complete all projects. All tools and clay supplied by the teacher.

Required Material: None

Digital Photography

Teacher Name: Teresa Rieder

Grade Levels: 9-12

Hours of homework per week: 1-2 hours

Fee: \$160

Course Description: This course introduces students to the art and technique of digital photography. Students will learn how to use the functions and settings of a digital camera to capture high-quality images, as well as develop skills in composition, lighting, and subject matter. The class will also focus on editing techniques using photo editing software to enhance and finalize their work.

In addition to hands-on practice, students will explore the history of photography and research influential photographers to better understand the evolution of the medium. Regular critiques will help students develop a critical eye and improve their creative expression. Students will be required to create a Flickr account to share and display their work in a digital portfolio, and to download designated editing software for use throughout the course.

Required Material: DSLR camera with at least one prime lens (35mm or 50mm). Needs to be able to go into full manual mode. Students must have access to a computer for editing and uploading photos. Students need to purchase a copy of "Understanding Exposure" by Bryan Peterson.

MUSIC

Choir

Teacher Name: Kate Siegenthaler

Grade Levels: 5-12

Hours of homework per week: < 1 hour

Fee: \$135

Course description: Singing a variety of musical styles, students will be introduced to choral skills, vocal techniques, musical literacy, and enjoy the camaraderie that participating in a musical ensemble brings. Class will include vocal warm ups, music activities, and rehearsal of music to be performed. Generally, there will not be

homework with the small exception of memorizing music or reviewing a section as needed before performance.

Required Texts: Students will receive music octavos ordered by the instructor.

Piano Lessons

Teacher Name: Yvonne Joy

Grade Levels : All levels (Co-op & Consortium)

Hours of homework per week: Daily practice recommended

Fee: TBD

Course description: Private Piano Lessons for Beginner to Advanced Levels.

Personalized curriculum, including Music Theory and Group Workshops covering the History of Western Music. Students will have opportunities to participate in recitals throughout the school year. For more information, email:

joyrhymusic@gmail.com

Required Texts: Teacher will recommend accordingly.

LANGUAGES

Spanish - Middle School

Teacher Name: Gwenna Tarullo

Grade Levels: 5-7

Hours of homework per week: < 1 hour

Fee: \$160

Course Description: This class is meant to prepare the students for higher level Spanish language learning. It will be an introduction to basic foundational grammar concepts and vocabulary with an emphasis on interactive learning.

Required Material: All materials provided.

Spanish I

Teacher Name: Helen Centanni

Grade Level: 7-12

Hours of homework per week: 1 hour

Fee: \$170

Course description: Spanish I will start with introducing simple words and phrases that cover day-to-day vocabulary and conversations that include all the sounds of the Spanish language to help students develop an authentic accent. Additionally, we will cover both grammar and usage focusing on building vocabulary and conversational skills. Class will include lesson content, a variety of written exercises (like translation, fill-in-the-blank, find-the-error) help to solidify concepts and oral practice scripts provide dialogue and question prompts. The workbook will include grammar, vocabulary, facts and cultures of Spanish-speaking regions, memory verses, writing assignments, games and more! Students will perform frequent practice and review exercises to develop proficiency, practice critical thinking, establish good study habits, and retain important cultural information.

Required Text: Breaking The Spanish Barrier Level I- workbook included in fee and will be provided by the teacher.

Required Material: one subject spiral notebook for note taking.

Spanish II

Teacher Name: Helen Centanni

Grade Level: 8-12

Hours of homework per week: 1-2

Fee: \$170

Course description: Spanish II will begin with a review of grammar topics to strengthen the student's understanding of the present, preterit (simple past), and imperfect verb tenses and we'll move on to more complex grammatical concepts like future, conditional, pluperfect, subjunctive, and other verb tenses; indefinite, demonstrative, and reflexive pronouns; and informal commands and comparisons. Lesson content also includes written exercises (like translation, fill-in-the-blank, find-the-error) that help to solidify concepts and oral practice scripts that provide engaging dialogue and question prompts. Students will be taught to speak, understand, read, and write basic Spanish in common situations. The application exercises emphasize communicating orally with reasonable grammatical accuracy.

We will review vocabulary and parts of speech utilizing games, charts and more!
(Prerequisite Spanish I)

Required Text: Breaking The Spanish Barrier Level 2 Intermediate- workbook included in fee and will be provided by the teacher.

Required Material: one subject spiral notebook for note taking.

Optional: Webster's Spanish-English Dictionary for Students ISBN 978-159695-165-5

Spanish 3—Conversation

Teacher Name: Fr John Vazquez

Grade Levels: 9-12

Hours of homework per week: ≤ 1 hour

Fee: \$175

Course Description: One of the best ways to grow in our understanding of the Holy Scriptures is to read different translations of the Bible and—if possible—read the Bible in different languages. This class will offer this opportunity to students. Students will continue to develop their familiarity of the Spanish language through focusing on reading out loud, conversations and narrations (both written and oral summaries). To cultivate these skills of reading, speaking and writing we will use the Bible in Spanish in an effort to simultaneously grow in knowledge of God's Word and familiarity with the Spanish language.

Required Material: Notebook and writing utensils. All other material provided.

Biblical Greek

Teacher Name: Fr John Vazquez

Grade Levels: 9-12

Hours of homework per week: ≤ 1 hour

Fee: \$175

Course Description: This class is an introduction to Biblical Greek, also known as Koine [Kee ney] Greek. One of the values of learning Greek is to grow in our understanding of God's Word and the difficulties and nuances of translation. This class will focus on learning the alphabet, basic vocabulary and reading, all in an effort to begin the process of opening a whole new door to understanding the Holy

Scriptures. Evaluations will consist of vocabulary assessments and reading assessments for pronunciation, as well as assessments for the declension of nouns and conjugation of verbs.

Required Material: Notebook and writing utensils. All other material provided.

Language, Culture and History Exploration

Teacher Name: Nina VanValkenburgh

Grade Levels: 5-8

Hours of homework per week: < 1 hour

Fee: \$160

Course Description: This course is designed as an introduction to languages, cultures and history of Russian, Spanish and formerly Latin speaking peoples. The following year students will be able to continue their studies through our Spanish classes or Russian 1 class if they wish. The year will be split into three courses of study. First students will explore Russian, then Spanish, then Latin. In each section students will learn the alphabets, and some important words and phrases, while examining the cultures and histories through art, crafts, music and food. For homework students will complete some review activities through worksheets and brief readings.

Required Material: Pencil, Binder, and Notebook

Russian I

Teacher Name: Nina VanValkenburgh

Grade Levels: 9-12

Hours of homework per week: < 1 hour

Fee: \$160

Course Description: In this course students will be introduced to the beautiful Russian language and culture. Students will master the alphabet, learn to read and write, build their budding vocabularies, gain a basic knowledge of grammar, and practice beginning conversation. Class time will be spent in interactive activities, language skits, and experiencing Russia in the classroom through food, music, art and history. Optional field trips will be offered throughout the year to help enrich students' understanding of the language and culture.

Required Material: Textbook and other materials will be provided by teacher - Russian Face to Face Pencil, Binder, and Notebook

BIBLE AND APOLOGETICS

Bible

Teacher Name: Terri Rice

Grade Levels: 8-12

Hours of homework per week: None

Fee: \$175

Course Description: This course will be an inductive Bible study covering the books of Ephesians, Philemon, I and II Timothy and Titus. Students will learn a variety of Bible study methods including identifying key words, cross referencing, and comparing and contrasting passages. I will have our main Bible book verses pre-printed as well as provide in-class worksheets and colored pencils for marking the printed passages.

Required Material: Students will need to bring a laptop computer, 3-ring binder, and pens or pencils each week.

Bible Study

Teacher Name: Bob Gaza

Grade Levels: 8-12

Hours of homework per week: < 1 hour

Fee: \$100

Course Description: We plan on studying the Books of Galatians and Ephesians next school year. The fall semester will feature the book of Galatians, while the Spring semester, the book of Ephesians. There are no tests and the only homework is the reading assigned for the upcoming week. We plan on covering roughly a half a chapter each week. I will be explaining each verse with a focus on important biblical principles learned from the texts, and how these verses apply to our everyday lives. Question and answer times are encouraged during each class. All who want to learn what the bible teaches are welcome irrespective of the level of bible knowledge.

Required Material: Bible, Notebook, Pen or Pencil

Apologetics

Teacher Name: Jesse Weber

Grade Levels: 9-12

Hours of homework per week: < 1 hour

Fee: \$135

Course Description: We will be following the book “Expository Apologetics” by Voddie Baucham Jr. I typically use (and the book quotes) from the English Standard Version (ESV), but class will not be version specific. “We begin by defining apologetics and placing it in its biblical and theological context. This includes a discussion of Peter’s foundational teaching in 1 Peter 3 and Paul’s teaching in Romans. The focus then shifts to the practical application of apologetics, including the importance of creeds, catechisms, and confessions as tools for preparation, the interactive ‘expository apologetics waltz’ as a model for individual interaction, and the application of expository apologetics to preaching, teaching, and disciple making. We conclude with an example of an expository apologetic sermon.”

Required Material: “Expository Apologetics” by Voddie Baucham Jr., a notebook and a Bible

ACADEMIC ENRICHMENT

Debate & Public Speaking - MS

Teacher Name: Renee Capuano

Grade Levels: 5-9

Hours of homework per week: 1-2 hours

Fee: \$150

Course Description: This engaging and interactive class will provide a weekly venue for students to develop their public speaking and debate skills, as well as to develop a deeper understanding of global current events, politics and government. This class helps students practice thinking on their feet as well as developing logical thinking skills. The weekly reading assignment will take students 10-30 minutes,

with an additional 30- 45 minutes of writing their six points composed of 4-6 sentences each week.

Homework will be typed.

Required Material: Materials supplied by teacher

Debate & Public Speaking - HS

Teacher Name: Renee Capuano

Grade Levels: 9-12

Hours of homework per week: 1-2 hours

Fee: \$165

Course Description: This engaging and interactive class will provide a weekly venue for students to develop their public speaking and debate skills, as well as to develop a deeper understanding of global current events, politics and government. This class helps students practice thinking on their feet and developing logical thinking skills. The weekly reading assignment will take students 10-30 minutes, with an additional 30- 45 minutes of writing their six points composed of 4-6 sentences each week. Debates, interviews, speeches, and the annual benefit are all part of this course.

Homework will be typed.

Required Material: Materials supplied by teacher

Junior Mock Trial Skills

Teacher Name: Renee Capuano

Grade Levels: 5-8

Hours of homework per week: < 1 hour

Fee: \$130

Course Description: Build your mock trial skills! This course is designed for middle school students who want to learn more about mock trial.

Students learn the principles of trial advocacy and then apply those principles as they try a fictitious case. Involvement in Mock Trial fosters increased

self-confidence, improved analytical and speaking skills and the ability to work well with others – not to mention, it's a lot of fun. The first semester will provide an understanding of the rules and process of Mock Trial. The fictitious case will be tried during the second semester. Students will be mentored by high school mock trialers and attorneys.

Jr. Mock Trialers will have an opportunity to show off their skills in a spring exhibition trial for family and friends. They may also have some opportunities to attend practices and events with the high school team.

This course is appropriate for all ability levels.

Required Material: Materials supplied by teacher

Law, Professionalism & Mock Trial

Teacher Name: Renee Capuano

Grade Levels: 9-12

Hours of homework per week: < 1 hour

Fee: \$175

Course Description: This course focuses on professionalism, ethics, team building as well as competition. It is appropriate for all abilities and interests.

Through the NYS Mock Trial Program students learn the principles of trial advocacy and then apply those principles as they try a fictitious case. Aside from getting a jump on college, involvement in Mock Trial fosters increased self-confidence, improved analytical and speaking skills and the ability to work well with others – not to mention, it's a lot of fun. The first semester will provide an understanding of the rules and process of Mock Trial. The fictitious case will be tried during the second semester. Students must sign up for Mock Trial both semesters in order to participate in competitions.

Students will have little homework (less than 1 hour per week) for much of the first semester. The time commitment increases significantly as the competition begins in the spring when students will need extra time outside of class to prepare. In addition, most competitions take place outside normal business hours (evenings and weekends) when the volunteers are available.

This course is appropriate for all levels.

Required Material: Materials supplied by teacher

Poetry Club

Teacher Name: Renee Capuano

Grade Levels: 5-12

Hours of homework per week: None

Fee: \$50

Course Description: Join us as we celebrate the beauty of poetry and the power of spoken word. Poetry Club is an engaging and dynamic club designed for students who wish to have fun while enhancing their recitation skills in a supportive and collaborative environment. Throughout this course, participants will explore a diverse range of poetic forms, styles, and themes, from classic masterpieces to contemporary works. Club activities will include recitation, games and writing workshops for those interested in entering poetry writing contests.

High school students interested in practicing for the Poetry Out Loud competition will be coached on strategies to winning. Middle School students looking for some fun with rhymes and poetry will engage in the study of tongue twisters, modern and classic poetry and rhymes and old favorites like Dr. Suess.

Outcome: By the end of the course, participants will have built confidence in their recitation abilities, gained a greater appreciation for the art of poetry, and cultivated a deeper connection with both the written word and their fellow enthusiasts.

Homework: Optional (not required)

Required Material: All materials supplied by the teacher.

Journalism

Teacher name: Teresa Rieder

Grade Levels: 7-10

Hours of homework per week: < 1 hour

Fee: \$150

Course description: In this hands-on journalism course, students will explore the full process of producing a newspaper—from story development to final publication. With a focus on writing, layouts, photography, and graphic design, students will gain real-world skills in reporting, editing, and visual communication. Working collaboratively, the class will produce and publish two newspapers each semester, giving students the opportunity to see their work come to life and reach a wider audience. This course is perfect for students interested in media, storytelling, and creative expression.

There will be required computer usage in this class. All essays will be turned in via Google Classroom and all corrections will be provided digitally, as well as the creation and editing of the newspaper will be using a computer.

Required Texts: Materials will be provided by the teacher.

Entrepreneurship

Teacher Name: Heather Torn & Karen Rutkowski

Grade Levels: 9-12

Hours of homework per week: 1-2 hours

Fee: \$160

Course Description:

First Semester

Teacher: Mrs. Rutkowski

Module 1: Bookkeeping using Quickbooks software (about 8 weeks)

1. Introduction to basic accounting concepts and recordkeeping requirements
2. Basic features in QuickBooks and best practice bookkeeping principles
3. Using QuickBooks to manage daily bookkeeping tasks and to develop an understanding of how the data is entered, processed and reviewed.
4. Customizing QuickBooks to meet the specific needs of a small business.

Module 2: Income tax basics for small businesses (about 4 weeks)

1. Tax filing requirements for small businesses
2. Using Form 1040, Schedule C to report income
3. Tax compliance requirements and strategies

Second Semester

Teacher: Mrs. Torn

This semester will consist of some class reading, discussion, and projects both individually and within groups. Students should expect public speaking, working with other students, using creative/critical thinking, and using their writing skills. Students will receive an overview of an Introduction to Business: different types of business structures, business law, human resources, principles of management, careers, business plans, and marketing.

Required Material: Computer or tablet with Internet access required for class (1st semester). All other materials will be provided.

HANDS-ON ENRICHMENT

Gym (Tues AM)

Teacher Name: Jesse Weber

Grade Levels: 5-12

Hours of homework per week: None

Fee: \$100

Course Description: Students will participate in team sports and other recreational activities. We will be outside as much as possible. Activities will include jogging, soccer, flag football, dodgeball, some ultimate gym competition type games, and basketball.

Required Material: Appropriate clothing and shoes.

Gym & Board Games (Thurs AM)

Teacher Name: Jesse Weber

Grade Levels: 5-12

Hours of homework per week: None

Fee: \$100

Course Description: We will be playing outside on all good weather days and temperatures above freezing. We will plan to play kickball, wiffle ball, ultimate

rock/paper/scissors, basketball, dodgeball and gaga ball. On all other days we will be inside, in a classroom, playing board games and card games.

Required Material: None

Gym (Tues or Thurs PM)

Teacher Name: Fr John Vazquez

Grade Levels: 5-12

Hours of homework per week: None

Fee: \$150

Course Description: In this class students will learn basic strength training through calisthenics, cardio work and stretching in an effort to provide the students with basic knowledge of exercise – which is of course an essential part of health. This class will also include exposure to several kinds of games that will help foster teamwork and challenge the students to use and move their bodies in a healthy way.

Required Material: None

Home Repair

Teacher Name: Jesse Weber

Grade Levels: 9-12

Hours of homework per week: None

Fee: \$250

Course Description: Students will be equipped with the skills needed to perform a wide range of repair and maintenance tasks around the home, such as changing light fixtures, wiring an outlet, painting, light plumbing and much more. All PPE (Personal protection equipment) will be provided and anything else that may be needed to keep students safe and minimize them getting messy. This class will be 95% hands-on, and students will be expected to participate using saws, drills and many different hand tools.

Required Material: Tools and materials will be provided.

Cooking Lab

Teacher Name: Karen Rutkowski

Grade Levels: 5th-7th

Hours of homework per week: None

Fee: \$130

Course description: In this class, students will practice the skills they will need to enjoy upper-level Consortium cooking classes, without being rushed to finish a recipe. We will learn the science behind different methods used in cooking, and do our own fun experiments, so we can understand why following recipes is important (and when it isn't). Some articles or short videos may be required to prepare for some classes.

Fifth grade students who are currently taking this class are asked to refrain from signing up for it in the fall as there is a limit of 8 students in this class.

Required Texts: All supplies will be provided.

Cooking

Teacher Name: Nicole Carlson

Grade Levels: 5-8 (Tues @ 12:30), 9-12 (Thurs @ 12:30)

Hours of homework per week: None

Fee: \$200

Course Description: Each week your child will learn to make various dishes from around the world as well as learn basic kitchen skills and safety. Your child can expect to go over the recipe prior to cooking it, make and try new dishes, and clean up the kitchen with each student on a rotation to complete various tasks. On occasion we may have cooking themed games and worksheets if time permits. If your child has any food allergies and needs special ingredients you will be asked to provide those items for your child (ex: GF, DF). Each student has the opportunity to send pictures of meals that they've made for their families to my cell phone or email, for a special prize (candy).

Required Material: None

Cooking - MS

Teacher Name: HVC

Grade Levels: 5-8 (Thurs @ 2:00)

Hours of homework per week: None

Fee: \$200

Course Description: Each week your child will learn to make various dishes as well as learn basic kitchen skills and safety. Your child can expect to go over the recipe prior to cooking it, make and try new dishes, and clean up the kitchen with each student on a rotation to complete various tasks. If your child has any food allergies and needs special ingredients you will be asked to provide those items for your child (ex: GF, DF).

Required Material: None

Life Skills

Teacher Name: Terri Rice

Grade Levels: 5-8 (Thurs @ 12:30), 9-12 (Tues @ 12:30)

Hours of Homework per week: On occasion something to be completed at home

Fee: \$175

Course description: The Life Skills course aims to equip students with specific skills to be used outside of the classroom. We will look at techniques in cooking, woodworking, first aid among other skills. We will also start each week with learning how to read God's Word for our own personal devotions. Many weeks we will cover two different skills so students have to be ready to jump in wherever we are going.

Required Material: A 1.5 inch three ring binder with tabbed inserts. Electronics will be used to complete classwork.

Strategy Games

Teacher Name: Helen Centanni

Grade Levels: 7-12

Hours of homework per week: None

Fee: \$125

Course Description: Students will play strategy games such as Risk, Blokus, Quoridor, Quarto, Genius Square, Chess, and others. Students will gain skills in logic, strategy, communication, team building, and trivia.

Required Material: None

Chess Club

Teacher Name: Nina VanValkenburgh

Grade Levels: 5-12

Hours of homework per week: None

Fee: \$50

Course Description: All are welcome to come relax, play a game of chess or another game. Other games will also be available for students. Each week this will be an opportunity for students to sharpen their skills, test their strategies, enjoy a snack, and socialize with friends. In class tournaments will be held. If students are interested we can attend a local tournament.

Required Material: None