

HUDSON VALLEY CONSORTIUM

COURSE CATALOG 2024-2025

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MIDDLE SCHOOL ENGLISH LANGUAGE ARTS

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.

Grammar and Reading Comprehension 5-6

Teacher Name: Jennifer Labonte

Grade Levels: 5-6

Hours of homework per week: 1-2 hours

Fee: \$150

Course Description: This class will focus on Grammar Skills as well as work on Reading Comprehension strategies such as questioning, summarizing, and finding the main idea helps students draw meaning from text. Students will be encouraged to discuss what they have read with their peers, to share their thoughts and ideas, and to ask questions. We will examine passages from textbooks and workbooks

across all disciplines. And while this is not a literature class, some of our instruction will come from high-interest novels.

Please note that the hours of homework per week does not include reading time as this will vary from student to student. Students will be expected to submit their work either typed or in their very best handwriting that I can read.

The class fee includes the following books: 180 Days of Reading for 5th Grade as well as Story Grammar for Elementary Students.

From time to time parents will receive links for materials that I have purchased online that they will need to download, print for their children and place in a three-ring binder.

Since we will be using novels in class that parents need to purchase (or borrow from the library) please be sure to pay attention to the ISBN otherwise your child will have a hard time following along. **Depending on how the first semester goes, parents may need to purchase two additional novels for the second semester.**

Required Material: One Crazy Summer by Rita Williams-Garcia ISBN: 0060760907
All of the Above by Shelley Pearsall ISBN: 0316115266

Grammar and Reading Comprehension 7-8

Teacher Name: Teresa Rieder

Grade Levels: 7-8

Hours of homework per week: 1-2 hours

Fee: \$175

Course Description: This class will focus on Grammar Skills as well as work on Reading Comprehension goals such as analyzing texts, making inferences about texts, understanding the message or ideas in a text and using evidence to support these claims. Class Time will be spent teaching grammar concepts and reviewing the reading comprehension skills sometimes with games and movement if class time allows. Reading interest will be kept high with short stories, poems and several longer books. Most homework time will be spent reading and working on some questions to prepare for classroom discussion.

Grades will be based on at-home quizzes taken electronically, as well as completion of homework and classroom participation. I use Google Classroom to communicate all classroom assignments. All tests, quizzes and papers will be submitted electronically using this format.

Required Material: Lightning Literature Storm Student Workbook Volume 1, Prairie Lotus by Linda Sue Clark, The Hobbit by Tolkien, A New England Nun by Mary Wilkins Freeman, Alice's Adventures in Wonderland by Carroll, Shed Chamber by Laura Richards and The Rainy Day Reader by Elizabeth Kamath.

Greek Literature through Greek Mythology

Teacher Name: Nina Van Valkenburgh

Grade Levels: 7-10

Hours of homework per week: 1-2 hours

Fee: \$165

Course Description: In this course students will read through the prose version of both the Iliad and the Odyssey and explore the Greek myths contained within them. We will use Memoria Press guides to better understand the content of the text. Students will become acquainted with ancient Greek history, culture and social structure and learn the relevance to literature today. In class each week, we will discuss the reading, accompanying questions and may either do related activities, crafts, projects or act out scenes to help students better understand the material. Homework will consist of reading, answering some comprehension questions and a project at the end of each semester such as writing their own Odyssey story or presentation on some aspect of ancient Greece.

Required Material: Text: Will be Provided – The Iliad and The Odyssey Samuel Butler Translation. Pencil and Binder. Electronics will be used to complete classwork at home.

IEW Writing Structure & Style

Teacher Name: Renee Capuano

Grade Levels: 5-8

Hours of homework per week: 1-2 hours

Fee: \$145

Course Description: The world is at your fingertips! This theme-based writing curriculum allows students to experience world 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 modern world history, culture and literature.

Included: Outlines, Narrative Stories, Summarizing, Writing from Pictures,

Research, Inventive Writing and Critiques

This course is appropriate for both struggling and advanced writers. Grading will be based on the student's grade level. All students will be encouraged to build upon their current writing skills. An optional Homework Help Club will be held Monday mornings on Zoom (based on demand).

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

Assignments will be typed. (parents can assist as needed)

Required Material: Text Book: Modern World History-Based Writing Lessons – Student Book: \$35 at IEW or CBD

Introduction to Literature

Teacher Name: Claire Hazzard

Grade Levels: 5-6

Hours of homework per week: 1-2 hours

Fee: \$150

Course Description: Through this course, students will be introduced to literary analysis and common literary devices through classic literature, exciting nonfiction, and timeless poetry. The gentle approach of the Brave Writer Literature Singles series is designed to foster a love of reading and an appreciation of good writing

through a natural conversational setting. First semester books: Because of Winn-Dixie, Mr. Popper's Penguins. Second semester: Charlotte's Web, The Mouse and the Motorcycle.

Homework: Students are expected to complete the assigned reading each week and write a one-sentence response to each chapter.

Required Material: All materials, including texts, provided by the instructor.

Literature

Teacher Name: Nina Van Valkenburgh

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 and poems. 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.

Required Material: Books (audio or written versions) - The Wind in the Willows, The Adventures of Tom Sawyer, The Call of the Wild, The Door in the Wall, A Christmas Carol, The Adventures of Sherlock Holmes, The Secret Garden (These can be obtained from local libraries or free audio versions on youtube). Binder, pencils, and colored pencils.

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

American Literature

Teacher Name: Renee Capuano

Grade Levels: 9-12

Hours of homework per week: 1-2 hours

Fee: \$160

Course Description: This course introduces students to great American literature in a chronological historical, literary, and artistic context, while developing skills in writing and literary analysis. Homework will mainly consist of weekly reading.

Students will write a short essay upon completion of each book. Four books will be read and studied in depth each semester.

Works studied in this course:

Autobiography by Benjamin Franklin

Rip Van Winkle and The Legend of Sleepy Hollow by Washington Irving

Selected works of Henry Wadsworth Longfellow

The Last of the Mohicans by James Fenimore Cooper

The House of Seven Gables by Nathaniel Hawthorne

Moby Dick by Herman Melville

The Adventures of Huckleberry Finn by Mark Twain

The Great Gatsby by F. Scott Fitzgerald

The Old Man and the Sea by Ernest Hemingway

All essays must be typed.

Required Material: Textbook/materials: 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).

Greek Literature through Greek Mythology

Teacher Name: Nina Van Valkenburgh

Grade Levels: 7-10

Hours of homework per week: 1-2 hours

Fee: \$165

Course Description: In this course students will read through the prose version of both the Iliad and the Odyssey and explore the Greek myths contained within them. We will use Memoria Press guides to better understand the content of the text. Students will become acquainted with ancient Greek history, culture and social structure and learn the relevance to literature today. In class each week, we will discuss the reading, accompanying questions and may either do related activities, crafts, projects or act out scenes to help students better understand the material. Homework will consist of reading, answering some comprehension questions and a project at the end of each semester such as writing their own Odyssey story or presentation on some aspect of ancient Greece.

Required Material: Text: Will be Provided – The Iliad and The Odyssey Samuel Butler Translation. Pencil and Binder. Electronics will be used to complete classwork at home.

Language Arts with Lord of the Rings

Teacher Name: Teresa Rieder

Grade Levels: 9-10

Hours of homework per week: 2+ hours

Fee: \$175

Course Description: In this course, we will cover reading comprehension, vocabulary, literary terms, and writing, all while journeying through Middle Earth! Unit studies will also further study into Tolkien's life and literary history and how it ties into modern-day literature. There will be weekly homework that will include reading, comprehension questions, vocabulary, and writing 1-3 page papers. Grades will be based on class participation, writing assignments, vocabulary quizzes, and 3 unit tests per semester.

I use Google Classroom to communicate all classroom assignments. All tests, quizzes, and papers will be submitted electronically using this format.

Required Material: All textbooks/materials will be provided by the teacher.

Research Report

Teacher Name: Renee Capuano

Grade Levels: 9-12

Hours of homework per week: 1-2 hours

Fee: \$165

Course Description: Twenty-page paper? No problem! Moving students beyond basic essay writing, this course teaches students to conduct research, manage note-taking, and craft a well organized paper. Perfect for completing high school and college-level term papers. Students will complete an 8-15 page research report by the end of each semester.

Assignments will be typed.

Required Material: Materials supplied by teacher: Writing Research Papers: The Essential Tools [Student Book only]

SAT English Prep & High School Grammar

Teacher Name: Jennifer Labonte

Grade Levels: 9 - 12

Hours of homework per week: 1-2 hours

Fee: \$150

Course Description: This year-long class is the merger of English SAT Prep and High School Grammar. It is best suited for students who are looking at college admissions requirements (grades 10 - 11) or would like to improve their grammar skills (grades 9 - 12). Students enrolled in the class will take 7 full-length practice SAT tests and will master effective test-taking strategies. More information on the SAT books can be found here: <https://thecriticalreader.com/books-3/>

The high school grammar portion will be based on the sentence-composing approach using the book Grammar for High School by Don and Jelly Killgallon. More information on the book can be found here: <https://www.heinemann.com/products/e01046.aspx>

Please note that the practice tests will be taken online and students will need to create an account with Ivy Global. From time to time additional online work may be required.

Books will be provided but are not to be written in. Parents wishing to have their children write in the books for this class should contact me about buying the correct books for their children.

Required Material: Please see above.

MIDDLE SCHOOL MATH

Math 5

Teacher Name: Jina Lawardi

Grade Levels: 5th

Hours of homework per week: 4+

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: 4+

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

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. It is essential that each student be placed in the text that meets his or her skill level. 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 two zoom classes per month, on a Friday afternoon (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 will cover material not covered in-person. 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: Angelisa Box

Grade Levels: 7

Hours of homework per week: 4+

Fee: \$160

Course Description: *Prerequisite:* For students who have passed Math 6 or demonstrate equivalent skills. This Math 7 course will follow the Math in Focus Singapore Math curriculum for grade 7. Students will learn to classify numbers within the system of Real Numbers, perform operations with Rational Numbers, write and simplify algebraic expressions, solve algebraic equations and inequalities, reason proportionally by representing direct proportions in tables, graphs, and equations, as well as identify indirect proportions, classify angle relationships, perform geometric constructions, find volume and surface area of geometric solids, represent data using various statistics and visual representations, and find the probability of events. Class sessions will include math facts drills, lesson instruction, and guided practice exercises.

Students will be expected to complete follow-up homework assignments and tests at home, which will require 45-60 minutes each weekday with support and feedback from parents as needed. Some students may require more learning support than the weekly class time allows; in this case, the student should also sign up for a Math Tutoring class. Internet access at home will be beneficial for accessing additional teacher-provided resources to support weekly lessons and homework. YouTube videos will regularly be sent with homework assignments to reinforce what was covered in class.

Required Texts: Math in Focus Course 2 (Grade 7) Student Books A and B; ISBN 978-0-547-56007-6 and ISBN 978-0-547-56010-6 respectively.

Class Materials: 2" 3-ring binder, loose leaf paper, graph paper, ruler, protractor, compass, scientific calculator, sharpened pencils and highlighters.

Math 8

Teacher Name: Angelisa Box

Grade Levels: 8th

Hours of homework per week: 4+

Fee: \$160

Course description: This course will follow the Math in Focus Singapore Math curriculum for grade 8 which is based on the Singapore teaching method, is Common Core aligned, and is a curriculum with problem solving as the center of

math learning and concepts taught through real-world, hands-on experiences. During the 1.5 hour class, students will be taught the unit lessons and given guided practice exercises.

Students are expected to complete follow-up assignments and tests at home which are to be turned in during the next class. The expectation is that students will spend 45-60 minutes, 4 to 5 times per week completing assignments with support and feedback from parents as needed. Some students may require more learning support than the weekly class time allows. In this case, the student should also sign up for a math tutoring class. Exams will be given upon completion of each unit to be administered at home by the parent. Grades will be based on quizzes, tests, class participation and homework completion. I consider this material a bit advanced compared to other curriculums I have used. In order to get through the material in one year, this class moves at a quick pace so there isn't much extra time in class for help with homework. YouTube videos will regularly be sent with homework assignments to reinforce what was covered in class.

Required Texts: Math in Focus Grade 8 Course 3 student books A and B (Common core editions): ISBN 978-0-547-56011-3 and ISBN 978-0-547-56009-0.
Additional required class materials: 2 inch three-ring binder, scientific graphing calculator (TI-83 plus or TI-84 or comparable), protractor, graphing paper and notebook.

Math Games

Teacher Name: Donna Armitstead

Grade Levels: 5th - 7th

Hours of homework per week: None

Fee: \$100

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. You'll create beautiful art using math. We'll learn about math palindromes and you'll become a math-a-magician. Did you ever wonder why bees build hexagonal honeycombs or what a Fibonacci sequence is? Come to class and find out! Some of the many games we will play include: Back-to-back, Buzz, The Price Is Right, Pay Day, Prime Climb, Rubiks Race,

Kanoodle, Blokus, Battleship, Clumsy Thief, Five Crowns, Dutch Blitz, Math Rush, Shut the Box, Tenzi, Quixx... and many more!

Required Material: None

Math Skills

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.

Tutor - Math (Box)

Teacher Name: Angelisa Box

Grade Levels: 5th - Algebra 1

Fee: \$150

Course description: This option is for students in need of some extra help with their current math curriculum. Some students may require more learning support than the weekly math class times allow or even help with math they are working on at home. This is not a class where students bring their math curriculum to be taught by the math tutor. It is simply for extra help in concurrence with what they

are already receiving instruction in. This is not private tutoring so the student will share time with other students. Please come to tutoring prepared to work on routine math lessons when the teacher is working with another student.

MATHCOUNTS

Teacher Name: Donna Armitstead

Grade Levels: 6th-8th

Hours of homework per week: The more time a student puts in, the better their chances at advancing to the next level.

Fee: \$150

Course Description: MATHCOUNTS is a national middle school mathematics competition that builds problem-solving skills and fosters achievement through four levels of fun, in-person "bee" style contests.

There are 4 levels of competition:

1. School: Students begin to prepare using resources provided by MATHCOUNTS. In November the HVC competition will take place to select up to 12 students who will compete at the Chapter level.
2. Chapter: HVC students will compete in the Capital District Chapter competition, usually held in February.
3. State: The top students from each Chapter across the state compete. Will an HVC student(s) make it to this level?? We sure hope so!
4. National: The top 4 students from each State receive an all-expenses-paid trip to the RTX MATHCOUNTS National Competition. These students compete as a team as well as individually for the title of National Champion!

For more information please visit: www.mathcounts.org

Required Material: Electronics will be used to complete work outside of class.

HIGH SCHOOL MATH

Algebra I

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 II

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.

Consumer Math

Teacher Name: Denise Roy

Grade Levels: 9-12

Hours of homework per week: 1-2 hours

Fee: \$150

Course Description: This class is designed to teach high school students how math can be applied in their everyday lives. Topics such as balancing a checkbook, creating a budget, buying a car or home, personal record keeping and paying taxes will be covered. Units on purchasing a car, purchasing a home, and insurance will also be covered. The course will meet once a week and will be taught using the BJU Consumer Math book which features explanations of concepts with helpful examples, exercise sets, Stewardship & Scripture features, and chapter and cumulative reviews. There will be weekly homework assignments with 1-2 hours of homework per week. This course qualifies as an academic math class for high school credit.

Required Material: Calculator, Notebook or binder. Electronics will be used to complete classwork.

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.

Introduction to Accounting

Teacher Name: Karen Rutkowski

Grade Levels: 9-12

Prerequisites: Successful completion of Algebra 1 or a recommendation from your math teacher. (If you are really interested in taking this class but math is a problem for you, please see me about the option to audit. Any curious and well-behaved student could benefit from the course.)

Hours of homework per week: 2 to 3 hours of reading and homework.

Fee: \$160, includes textbooks (to borrow), and all study materials.

Course description: This course will provide a useful introduction to the principles of accounting, bookkeeping, business ethics and taxation. This knowledge *could* lead to the further study of business in college, but I guarantee the topic will be useful in adulthood *regardless* of your vocation. Whether you plan to open a business, learn a trade, go into ministry, work in a career, or manage a household, accounting can help you make better decisions.

Why study accounting? Accounting is NOT just adding numbers and logging transactions. It is a way to understand and evaluate any entity that uses money. And accounting values are Christian values! Integrity, honesty, consistency, sincerity,

prudence, order, good faith, stewardship and responsibility are all words you will find in an accounting textbook.

Topics will include the accounting equation, the accounting cycle, the importance of internal controls, inventory management methods, tax filing for individuals and small businesses, understanding and creating standard financial statements, careers in accounting, and more.

Required Texts: All materials will be provided. A computer or chromebook will be helpful for class, but is not required.

Personal Finance

Teacher Name: Karen Rutkowski

Grade Levels: 9-12

Hours of homework per week: 1-2 hours

Fee: \$160

Course Description: Beyond Personal Finance puts teens in the driver's seat of age 22-42 and lets them simulate their future life by making choices like career, car, apartment, spouse, house, investments, and more all while creating budgets to see how those choices will impact their financial picture. Please note this is a secular personal finance curriculum.

Required Material: Materials will be provided.

Pre-Calculus

Teacher Name: Terri Rice

Grade Levels: 11-12th, Algebra 2 prerequisite

Hours of homework per week: 2+ hours

Fee: \$250

Course description:

This class will be held once a week for 1.5 hours. Each week will have either 5 lessons or 4 lessons and a test. Each semester will have 4 tests and 2 exams

completed in class. (Unfortunately, you will need to schedule time during one of your study halls to come in and take the tests as we will not have time in class.)

Required Material: Saxon Advanced Math, second edition, 2003. ISBN: 978-1565770393. In addition, please consider purchasing the Solutions Manual, ISBN: 9781565770423. 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)

SAT Math Prep

Teacher Name: Terri Rice

Grade Levels: 10-12th, Algebra 1 prerequisite

Hours of homework per week: 1.5 hours

Fee: \$200 per semester

Course description: SAT Math Prep is a time to learn how SAT math questions are formulated and some techniques on how to solve them. The first semester will look at individual units of the new SAT: “Heart of Algebra”, “Problem Solving and Data Analysis”, “Additional Topics in Math”, and “Passport to Advanced Math”. The second semester will practice the new SAT test each week.

Required Material: Worksheet pages are included with tuition fee but please provide the following: 3-ring binder (2 inches minimum), GRAPHING calculator (TI-83 Plus or TI-84).

Tutor - Math (Rice)

Teacher Name: Terri Rice

Grade Levels: Algebra I & II (Thursday @ 11)

Geometry & PreCalculus (Thursday @ 3:30)

Hours of homework per week: 2+ hours

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.

MIDDLE SCHOOL SCIENCE/TECHNOLOGY

Digital Literacy and Typing

Teacher Name: Liz O'Clair

Grade Levels: 5-8

Hours of homework per week: 10 minutes of computer usage

Fee: \$140

Course Description: This class will focus on learning how to type properly using home row and how to safely navigate the digital world. Students will be empowered to use technology responsibly as this course emphasizes the importance of digital citizenship. In addition to typing on word processing programs, the students will improve their typing speed and accuracy in fun and engaging ways through a variety of online tools and resources. The students will complete projects and presentations in this class to showcase their digital literacy and typing proficiency.

Required Material: Students will need to bring a laptop and power cord to each class. **The laptop must have Wi-Fi capabilities. A physical mouse is preferred.**

Middle School Chemistry

Teacher Name: Antoinette Ruffino

Grade Levels: 5-6

Hours of homework per week: < 1 hour

Fee: \$185

Course Description: This class will get kids excited about the field of chemistry while also preparing them for upper level science courses. This course uses Christian Kids Explore Chemistry by Robert and Elizabeth Ridlon and additional supplemental sources ie: videos to help reinforce chemistry concepts. Students will learn the basics of chemistry including matter, measuring, elements, molecules and compounds. Weekly classes will include a review/follow up, and new lessons. Students will have fun learning the concepts by participating in hands-on activities and experiments each week. Homework will include weekly vocabulary and/or end of lesson review questions. Unit reviews will consist of lesson questions and vocabulary words in the form of games such as bingo and Jeopardy. Weekly updates and homework assignments will be provided via thinkwave.

Required Material: Christian Kids Explore Chemistry, by Robert and Elizabeth Ridlon. Books are available at christianbook.com, pdf download is also available at christianbook.com. Used versions are available as well. While students aren't required to have a notebook they should be prepared with paper and a writing utensil for every class. All other materials and supplies will be provided.

Middle School General Science

Teacher Name: Antoinette Ruffino

Grade Levels: 7-8

Hours of homework per week: 1-2 hours

Fee: \$185

Course Description: This General Science course covers a variety of branches of science, including astronomy, meteorology, oceanography, earth study, geology, paleontology, and environmental science. This class is on a rotation with physical science, and topics covered this coming year are not the same. Students will become familiar with the scientific process, methods, data collection, and completing informal lab reports to begin to prepare them for highschool science classes. 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 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.

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.

Science Detectives

Teacher Name: Dr. Evelyn Rice

Grade Levels: 5-8

Hours of homework per week: < 1 hour

Fee: \$150

Course Description: This fun science enrichment class will cover a sampling from a variety of science topics including biology, nutrition, earth science, physical science and forensics. Students will work individually and in groups during class to solve science mysteries, conduct experiments, write analysis and present results/conclusions.

Required Material: Material will be provided by the teacher.

Science Olympiad - Division B

Teacher Name: Dr. Evelyn Rice

Grade Levels: 5-9

Hours of homework per week: 2+ hours

Fee: \$200

Course Description: Fun science! Thrilling competitions! Teamwork! 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 a “Science Olympiad Plus” class has been added in the afternoon as an additional study hall option for SO students. All SO students may register for this class in addition to the regularly scheduled SO morning class at no additional cost. If you have a conflict with the main class time at Thursdays 8 AM, please contact Andrea Robinson about registering only for the afternoon 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 at [2024 Division B Events | Science Olympiad \(soinc.org\)](https://2024.soinc.org). 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! We also ask that parents participate as available in helping the team with a variety of tasks (even coaching if you have a particular specialty).

Class Times: Our official class meeting time is Thursday 8:00-9:30. But there is extensive out of class time necessary to prepare for our events. Students need to be available to attend our Regional competition, which is on a Saturday in February or March, and if we qualify for the NY State Tournament, another Saturday in April. Some of our invitationals as well as the State competition may require a hotel stay out of the area.

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. If you like any aspect of science at all, there’s an event for you! If you don’t, you will after this!

Required Material: Provided by coach based on student events. Electronics are often needed outside of class for research and Zoom calls.

STEAM

Teacher Name: Jina Lawardi

Grade Levels: 5th-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.

STEM Design

Teacher Name: Heather Torn

Grade Levels: 5th-6th

Hours of homework per week: None

Fee: \$180

Course Description: Students will apply science, technology, engineering, and math concepts to solve real world problems. From imagining they are on a desert island and needing to create what they need to survive, to designing a container to protect an egg from cracking, to creating items from ancient civilizations students will be using their imaginations and creative thinking to design, create a prototype, test, and refine their creations.

Required Material: All materials are provided.

Tutor - Science

Teacher Name: Evelyn Rice

Grade Levels: MS - HS

Hours of homework per week: 0

Fee: \$150

Course description:

This tutoring session is for middle and high school students who are taking science classes at Consortium. Students will need to be prepared with questions and homework to work on.

Required Texts: none

HIGH SCHOOL SCIENCE/TECHNOLOGY

Advanced Robotics using Arduino

Teacher Name: Teresa Rieder

Grade Levels: 8-12

Hours of homework per week: < 1 hour

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). This class will be student designed and all projects for the year will be decided at our first class. All students attending this class for the first year must come up with projects run by Arduino, like a plant watering system or robot races. For students attending this class for the second, third or fourth year, projects in Raspberry Pi can be added. Students will be responsible for purchasing some of their own parts and equipment. 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.

I will be using Google Classroom to communicate with the students and post links and any homework.

Required Material: Laptop and toolbox with all previous parts.

Basic Computer Skills with an Intro to Graphic Design Principles

Teacher Name: Mimi O'Brien

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 such as hierarchy, typography, and space. 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.

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.

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. 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.

Forensic Science

Teacher Name: Denise Roy

Grade Levels: 9-12

Hours of homework per week: 1-2 hours

Fee: \$250

Course Description: Introduces students to the fascinating world of forensic science, blending theory with hands-on investigations to explore the techniques and methodologies used in solving crimes. This course delves into the principles of forensic science, crime scene analysis, and laboratory procedures essential for understanding the criminal justice system. Through a combination of lectures, practical exercises, and case studies, students will gain a comprehensive understanding of forensic science and its role in modern society. The entirety of the textbook will be covered within the span of a year. Additionally, students will be encouraged to participate in the Science Fair during the spring semester. Assessment in this course will be based on a variety of methods including class participation, weekly assignments, labs, tests and quizzes. Details about the textbook will be announced shortly.

Required Material: 3 ring binder, notebook. Electronics will be used to complete classwork.

Intro to Electronics and Robotics using Arduino

Teacher Name: Teresa Rieder

Grade Levels: 9-12

Hours of homework per week: < 1 hour

Fee: \$250

Course Description: Fall semester will be learning electronics basics and Arduino programming using an electronic kit. Spring semester will be spent using that knowledge to assemble and run their 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 of our projects and will be modifying as well as writing our own code.

I will be using Google Classroom to communicate with the students and post links and any homework.

Required Material: Students must have a laptop for each class that is capable of running the Arduino IDE software (no Chromebooks). All other textbooks/materials will be provided by the teacher. Lost or damaged electronics will have to be replaced at student's cost.

Physics

Teacher Name: Dr. Evelyn Rice

Grade Levels: 11th - 12th

Hours of homework per week: 2+ hours

Fee: \$275

Course Description: Since much of Physics is math based, each student must be strong in math having completed or taking Algebra II concurrently. Students must be committed to getting to class on time each day and keeping up with the work outside of class. This is a high intensity class. In this year long course students will be exposed to different aspects of the science of Physics. The class will meet for two class periods, one of which will be a hands-on lab. At home, students will be expected to read approximately one chapter of the textbook per week with corresponding homework sheets. There will be hands-on labs most weeks. At home and in class quizzes will be given weekly. There will be a test at the end of each unit of the textbook. Students will be required to write a minimum of 3 lab reports.

Required Material: A scientific calculator is needed for use in class and at home.

Required Texts must be purchased by the student (can be found on Amazon):

*Prentice Hall Conceptual Physics, 2009 Edition. ISBN: 978-0-13- 364749-8 (has a roller coaster on the cover) *Prentice Hall Conceptual Physics Laboratory Manual, 2009 Edition. ISBN: 978-0-13-364752-5. (PLEASE BE SURE TO GET A BOOK WELL IN ADVANCE. THERE WILL BE HOMEWORK DURING THE SUMMER BEFORE CLASSES START.)

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 a “Science Olympiad Plus” class has been added in the afternoon as an additional study hall option for SO students. All SO students may register for this class in addition to the regularly scheduled SO morning class at no additional cost. If you have a conflict with the main class time at Thursdays 8 AM, please contact Andrea Robinson about registering only for the afternoon class.

Types and Examples of Events:

Knowledge: Anatomy, Astronomy, Fossils, Entomology

Skill: Forensics, Experimental Design, Chemistry Lab, Optics – Laser Shoot

Build: Bridge, Hovercraft, Air Trajectory, 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!

Required Material: Provided by coaches based on student events.

Tutor – Science

Teacher Name: Dr. Evelyn Rice

Grade Levels: MS - HS

Hours of homework per week: None

Fee: \$150

Course description: This tutoring session is for middle and high school students who are taking science classes at Consortium. Students will need to be prepared with questions and homework to work on.

Required Material: none

HISTORY/GOVERNMENT

Access Modern World History High School

Teacher Name: Teresa Rieder

Grade Levels: 9-12

Hours of homework per week: 1-2 hours

Fee: \$175

Course Description: Access history class is ideal for students who need and/or love history but may not have the time to devote to more extensive study. Each week in class we will investigate a new time period in history, exploring both the lives of those who changed the course of events and the everyday lives of ordinary people from the Renaissance to the present day. We will spend class time to dive deeper into primary sources, maps, videos, discussions, and debates.

Homework will consist of textbook reading and answering some questions in preparation for class as well as some submissions of paragraphs/short essays to show understanding of the material and occasional presentations in class.

Grades will be based on those submitted materials and classroom participation.

I will be using Google Classroom to communicate with parents and students as well as to accept submissions of homework.

Required Material: Modern World History Patterns of Interaction Guided Reading Workbook and Modern World History Patterns of Interaction Textbook will be provided by teacher

Activity Based Modern World History Middle School

Teacher Name: Nina Van Valkenburgh

Grade Levels: 5-8

Hours of homework per week: < 1 hour

Fee: \$160

Course Description: This class is an introduction to World History beginning with Medieval times and extending through Early 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: Workbooks will be provided by the teacher - Holt World History Medieval to Early Modern Times Interactive Reader and Study Guide. Pencil, glue stick, colored pencils, binder, and scissors

Government and Economics

Teacher Name: Nina Van Valkenburgh

Grade Levels: 9-12 (best for grades 11 - 12/offered alternating years)

Hours of homework per week: 2+ hours

Fee: \$150

Course Description: Government is a thought-provoking exploration of American government and politics. We will cover the constitution, civil rights, interest groups, political parties, voting, the branches of government, laws, public policies, and current events. In class students will listen to lectures and/or videos, engage in debate and discussion and have the opportunity to hear from a number of guest speakers, such as NYS Senator James Tedisco. Students will end the semester with a project that allows them to have direct involvement as citizens participating in government and voicing their concerns. Economics will be offered the second semester with course description available then.

Required Material: Text – Provided by teacher – Holt McDougal United States Government and (Second Semester) Holt McDougal Economics Concepts and Choices. Binder, notebook, and pencil. Electronics will be used to complete classwork at home.

Modern World History - Middle School

Teacher Name: John Vazquez

Grade Levels: 5-8

Hours of homework per week: < 1 hour

Fee: \$160

Course Description: 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 dating from the medieval period up to early modern times—a time period that laid the foundation for the world we live in today. Evaluations will consist of regular oral narrations that demonstrate that the weekly assigned reading has been done and a 10-minute oral final exam that demonstrates that students have not simply memorized dates and important people but have begun to learn how to engage history in a thoughtful way. Textbook and workbook supplied by teacher.

Required Material: Holt McDougal World History Medieval to Modern Times, Textbook and Workbook supplied by teacher.

Modern World History - High School

Teacher Name: Nina Van Valkenburgh

Grade Levels: 9-12

Hours of homework per week: 2+ hours

Fee: \$150

Course Description: This course will cover world history from the Renaissance and Reformation to modern times through inquiry-based lessons and fulfill the high school requirement for one of the two years of global history. Inquiry based lessons (using Inquiry Based Lessons in World History from Prufrock Press) 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, role-play, participate in historical re-enactment activities, 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. The primary focus in class will be on understanding historical concepts through hands-on exploration. 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 – Modern World History Holt McDougal. Binder, notebook, and pencil. Electronics will be used to complete classwork at home.

COLLEGE COURSES

Calculus I

(Potential college credit, pending approval, or preparation for the Advanced Placement test)

Teacher Name: Dan Hulbert

Grade Levels: 11 - 12 (minimum of 5 students)

Hours of homework per week: 2+ hours

Fee: Pending

Course Description: Class period will be committed to instruction and problem solving. Instructor-created videos will provide support and review for most lessons. Homework will be required 4-5 days each week. Testing will need to be done in study halls (90 minutes required for most tests). Will include algebraic and graphic techniques for solving and applications of limits, derivatives, and integrals.

Assignments, videos, and textbook will require a Google account and accessing Google Classroom.

Required Material: Larsen, Calculus, Early Transcendentals, 5th Edition, ISBN 0538497181 (can be found at <https://www.amazon.com/Calculus-Transcendental-Functions-published-Learning/dp/B00E28M46Y>). Teacher will provide digital access to this book, and will have

some copies available to borrow. Please contact the teacher to borrow a copy. Must have access to a graphing calculator (TI-84 preferred).

College Psychology 101

Teacher Name: Antoinette Ruffino

Grade Levels: 11 - 12

Hours of homework per week: 4+

Fee: Pending

Course Description: The why of human behavior! In this class, we will explore the various perspectives of the scientific study of human behavior. Topics discussed include biological, psychological and environmental factors that impact behavior, personality, intelligence, motivation, emotions, communication, learning, and interpersonal relationships. Students will be encouraged to be active learners and participants in class. Classes will consist of lectures and discussions. There will be 3 exams for this class that will consist of essay type questions to test understanding of concepts and multiple choice as well as periodic quizzes. This class will also involve experiments so that students can get first hand knowledge of the field.

This class will meet 2x a week for one semester, and will have a summer start date to ensure class hours are met. (Start date to be determined after registration).

Required Material: Psychology 2 Edition by Spielman or Psychology 12 Edition by David Myers. A free download is available for both books and the link will be provided after registration. Books and or downloads should not be purchased until you have completed registration and receive confirmation from the teacher regarding which one to purchase. Electronics may be necessary to complete classwork.

ART

Art Building Blocks

Teacher Name: Noreen Powell

Grade Levels: 5th-8th

Hours of homework per week: None

Fee: \$175

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: Students will need a 9"x12" sketchbook.

Digital Photography

Teacher Name: Teresa Rieder

Grade Levels: 9-12

Hours of homework per week: 1-2 hours

Fee: \$160

Course Description: This Digital Photography course offers an opportunity to learn the elements of art and photography, how to navigate typical camera settings, as well as how to employ photo composition techniques that will enhance photos. This will include the essentials regarding camera exposure, aperture, ISO, shutter speed, as well as programmed modes that many cameras have.

We will be using class time to review camera operations, techniques and review and critique each other's work. I also plan on reviewing the history of photography as an art form and having the students do some research on a chosen photographer to present in class. There might be some images shown in class that are graphic in nature or allude to the human form (I will avoid nudity).

Weekly assignments will require taking photos and uploading to a website. I will be using Google Classroom for assigning homework as well as class discussions and posting of questions. Students will also be required to have a Flickr.com account as well as photo editing software. We will not be editing in class, but they should be prepared to bring their cameras to class each week.

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

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 paint. 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 Text: None

Heads, Hands, and Figures

Teacher Name: Noreen Powell

Grade Levels: 9-12

Hours of homework per week: < 1 hour

Fee: \$175

Course Description: Students will learn formulas for proportions for heads, hands, and figures. They will apply what they learn to art projects involving a variety of mediums. They will be introduced to and inspired by some of the masters of art.

Required Material: Students will need a 9"x12" sketchbook. I recommend spiral bound.

Mixed Media

Teacher Name: Noreen Powell

Grade Levels: 5th-8th

Hours of homework per week: The only homework for this class will be to gather any special materials students may want to build with.

Fee: \$175

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: Students will need a 9"x12" sketchbook. I recommend spiral bound.

Studio Art

Teacher Name: Noreen Powell

Grade Levels: 9-12

Hours of homework per week: < 1 hour

Fee: \$175

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: Students will need a 9"x12" sketchbook. I recommend spiral bound.

MUSIC

Choir

Teacher Name: Kate Siegenthaler

Grade Levels: 5-12

Hours of homework per week: <1

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: Regular practice recommended

Fee: TBD

Course description: Private Piano Lessons for Beginners to Advanced levels. Personalized curriculum, including Music Theory, Group Workshops on Music Appreciation and History of Western Music. Students will have opportunities to participate in Recitals throughout the school year. New: Beginner Lessons for Young Students (Age 5 & up). Email: joyrhymusic@gmail.com for more information.

Required Texts: Teacher will recommend books accordingly.

LANGUAGES

Language, Culture and History Exploration

Teacher Name: Nina Van Valkenburgh

Grade Levels: 8-12

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 a newly introduced Russian class if they wish. The year will be split into three courses of study. First students will explore Russian, then Spanish, then Latin and some other world languages. 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

Latin II

Teacher Name: Claire Hazzard

Grade Levels: 6-9

Hours of homework per week: 1-2 hours

Fee: \$130

Course Description: Designed, revised, and continually sharpened since 2001, the award-winning Latin for Children curriculum continues to be a strong, inviting, and creative program designed to introduce students to Latin. Latin II will build upon Intro to Latin and train students in grammar, vocabulary, and English derivatives in a lively, interactive way that is perfectly suited to students in the grammar stage.

Required Material: Latin for Children Primer B, by Larsen and Perrin

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

Fee: \$165

Course description: Spanish I 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: Abeka Spanish I workbook included in fee and will be provided by the teacher.

Spanish II

Teacher Name: Helen Centanni

Grade Level: 8-12

Hours of homework per week: 1-2

Fee: \$170

Course description: Spanish II will include the learn-memorize-practice-apply method. 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: Webster's Spanish-English Dictionary for Students ISBN 978-159695-165-5

BIBLE AND APOLOGETICS

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

Bible - MS

Teacher Name: Jesse Weber

Grade Levels: 5-8

Hours of homework per week: None

Fee: \$135

Course Description: In this Bible class we will walk through the books of the Old Testament. We will look at one or two books of the Old Testament and learn the basics such as when the book was written, what we know about the author and dive into a few verses in the book. Then we look at a specific word that we use all the time in church but may not know the meaning. Next will be a specific attribute of God and looking where in the bible we see this attribute explained. Finally, we will look at a Godly man or woman and how God used them through trials and tribulations to further His work on this earth and we will go to the timeline and see where the book falls in history. When available we will watch videos on the faithful man or woman of God.

Required Material: Students will need to purchase a Faithpedia Journal at store.notconsumed.com and bring their Bible to each class.

Bible - HS

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 Philippians and Hebrews. 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: This class will study the New Testament book of Romans. We will cover approximately a half of a chapter per week, which would carry us through the first 6 1/2 chapters of the book in the first semester and complete the book in the second semester. The only homework will be to read the half chapter of the book each week. Some full price and half price scholarships are available for this class.

Required Material: Bible, Notebook, Pen or Pencil

ACADEMIC ENRICHMENT

Debate & Public Speaking - MS

Teacher Name: Renee Capuano

Grade Levels: 5-9

Hours of homework per week: < 1 hour

Fee: \$140

Course Description: This engaging and interactive class will provide a weekly venue for students to develop 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 10-15 minutes, with an additional 15-30 minutes of writing their six points composed of 4-6 sentences each week.

It's a presidential election year! We will hit the ground running in September as we race to the presidency! Students will engage in lively debates and speeches which will build up to the November elections. Their efforts will culminate in a classroom election as well as an HVC election! Students will represent candidates, organize campaign teams, and try to articulately win the votes of their peers.

This course is appropriate for beginners and returning students.

Homework will be typed. Materials will be supplied. Some assignments will require additional research at home.

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: \$160

Course Description: This engaging and interactive class will provide a weekly venue for students to develop 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. It is essential that our students be well-prepared to clearly state their political, social and religious beliefs clearly and logically in a manner which will be taken seriously in our changing world. Students will practice "taking sides" of a given issue as well as preparing public speaking assignments. Many students take this class every year.

The weekly reading assignment will take students 10-30 minutes, with an additional 15-30 minutes of writing their six points composed of 4-6 sentences each week.

It's a presidential election year! Students will engage in lively debates and speeches which will build up to the November elections. Their efforts will culminate in a classroom election as well as an HVC election! Students will represent candidates, organize campaign teams, and try to articulately win the votes of their peers.

Students in this class organize a charity benefit every year which raises thousands of dollars for their chosen Christian charity.

Homework will be typed. Some assignments will require additional research at home.

Required Material: Materials supplied by teacher

Improving Study Skills

Teacher Name: Claire Hazzard

Grade Levels: 5-8

Hours of homework per week: None

Fee: \$125

Course Description: This course is designed to teach students how to study. Using the Victus Study Skills System, Book 3, students will receive direct instruction in: organization, time management; motivation, goal setting, note taking, reading comprehension, active listening, and test taking. The course takes a "systems approach to study," and helps students learn, "not just isolated skills and individual components to be mastered, but rather a way of thinking about study." The methods are designed to help students develop skills that can be applied to any subject or topic and build habits to help students succeed in and out of school well into the future.

Required Material: Students will need a copy of Victus Study Skills System Level 3: Student Book available from Rainbow Resource for \$20. There are no formal homework assignments, though students are expected to demonstrate the application of material outside of class.

Introduction to Business

Teacher Name: Heather Torn

Grade Levels: 9-12

Hours of homework per week: 1-2 hours

Fee: \$160

Course Description: Overall goal for this course is to get students excited about business and exploring it further in higher education. This course 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 create their own business and present their business to their peers. Students will have an opportunity to create a business as a class, write a business plan, and if approved open for business on the HVC campus.

In this course students will receive an overview of Business:

- Different types of business structures
- Business Law
- Human Resources
- Principles of management (How to be a good manager and leader)
- Careers (Resumes and Interviewing)
- Business plans
- Marketing

Required Material: Please come with a binder to keep papers organized. Materials will be provided.

****Please note that this class requires a minimum of five students.****

Junior Mock Trial

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

Manners: Myself and Others

Teacher Name: Claire Hazzard

Grade Levels: 5-8

Hours of homework per week: < 1 hour

Fee: \$125

Course Description: Using Myself and Others, Level 4 from Memoria Press as a spine, students in this course will learn about healthy habits, safe behaviors, and the benefits of good manners in everyday life. The course is designed to, "teach common courtesy, character, and compassion," through role-playing, activities, and good literature. Topics include: basic social rules for everyday life; hygiene essentials; safety; manners; and digital courtesy.

Required Material: Students should have a notebook for class.

Newspaper

Teacher name: Mimi O'Brien

Grade Levels: 6-10

Hours of homework per week: 1

Fee: \$150

Course description: This course will introduce students to the basics of journalistic writing techniques and provide the opportunity to practice those skills. They will research stories, learn to gather information effectively, organize ideas and edit articles. Students will get hands-on experience as they create content and publish original work in the HVC newspaper. Students will be expected to write at least 2

articles per semester to be published in the paper. Homework will typically consist of doing research, conducting interviews for articles, practice writing and editing articles, and completing articles for HVC News.

Required Texts: Materials will be provided by the teacher.

HANDS-ON ENRICHMENT

Automotive

Teacher Name: Jesse Weber

Grade Levels: 9-12

Hours of homework per week: None

Fee: \$175

Course Description: Students will learn about key parts of a vehicle, and how they work. The aim of this class is to equip students to understand the basics of operating a car, fixing minor problems, and explaining major problems to a mechanic. Students will gain confidence in operating a vehicle, and learn why it is important to maintain your vehicle. We will also discuss costs of cars, parts, and labor, which may encourage them to either get into the field of mechanics, or live where there is a bus route.

Required Material: Auto Upkeep Workbook 4th Edition by: Michael E. Gray and Linda E. Gray

Cooking

Teacher Name: Nicole Carlson

Grade Levels: 5-12 (Tues @ 12:30 & 2), 9-12 (Thurs @ 12:30), & 5-8 (Thurs @ 2)

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, making and trying new dishes, cleaning 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 Lab

Teacher Name: Karen Rutkowski

Grade Levels: 5th-6th

Hours of homework per week: 0-30 minutes

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.

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 (Tues PM)

Teacher Name: Liz Huisjen

Grade Levels: 5-12

Hours of homework per week: None

Fee: \$150

Course Description: We will introduce games and activities suitable for all ages and abilities. Focus on game rules, procedures and good sportsmanship.

Required Material: None

Gym/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 (Thurs PM)

Teacher Name: Pending (A separate check can be made out to HVC.)

Grade Levels: 5-12

Hours of homework per week: None

Fee: \$150

Course Description: We will introduce games and activities suitable for all ages and abilities. Focus on game rules, procedures and good sportsmanship.

Required Material: None

Life Skills - MS

Teacher Name: Denise Roy

Grade Levels: 5-8

Hours of Homework per week: < 1 hour

Fee: \$150

Course description: The Middle School Life Skills course aims to equip students with essential practical knowledge and skills necessary for navigating various aspects of daily life. Throughout this course, students will explore topics such as personal finance, communication skills, time management, decision-making, critical thinking, and problem-solving. The curriculum is designed to promote self-awareness, responsibility, and independence, empowering students to thrive both academically and personally. Throughout this course students will engage in various fun and interactive activities such as canning, gardening, cooking, sewing and soap/candle making! Assessment in this course will be based on a variety of methods including class participation, assignments, projects, and presentations. Additionally, students will be encouraged to reflect on their learning and apply their newfound skills in real-life situations.

Required Material: A three-ring binder. Electronics will be used to complete classwork.

Life Skills - HS

Teacher Name: Denise Roy

Grade Levels: 9-12

Hours of Homework per week: < 1 hour

Fee: \$150

Course description: The High School Life Skills course aims to equip students with essential practical knowledge and skills necessary for navigating various aspects of daily life. Throughout this course students will explore topics such as personal finance, communication skills, time management, decision-making, critical thinking, and problem-solving. The curriculum is designed to promote self-awareness, responsibility, and independence, empowering students to thrive both academically and personally. Throughout this course students will engage in various fun and interactive activities such as canning, gardening, cooking, sewing

and soap/candle making! Assessment in this course will be based on a variety of methods including class participation, assignments, projects, and presentations. Additionally, students will be encouraged to reflect on their learning and apply their newfound skills in real-life situations.

Required Material: A three-ring binder. 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

Thread Arts Club

Teacher Name: Nina Van Valkenburgh

Grade Levels: 5-12

Hours of homework per week: None

Fee: \$50

Course Description: All are welcome to come explore the world of thread and fabric arts. This hour will be a space for students (and moms alike) to come and work on current projects and/or learn a new skill. Experienced crafters and novices are both welcome to participate. Help will be provided for those wanting to improve or learn knitting, crochet, and/or embroidery. Sewers are welcome to attend and bring their projects. Each week we will explore a new aspect or technique and then enjoy the rest of the time working on current projects while enjoying snacks and

conversation. Students will have the opportunity (but are not required) to make and donate needed items to Alpha Pregnancy Care.

Required Material: Students should bring in the materials for the projects they'd like to work on. Some limited supplies will be available including yarn, knitting needles, knitting looms, a sewing machine, some fabric, embroidery floss and needles.