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Subject	Ages	Class Name	Instructor	Session	Credit	Description	Day	Time	Price
Elective	10-12yrs	Wheelhouse 10-12yrs - Tuesday - Session 1	Facilitator	S1	0.25	Wheelhouse Level I - Assisted - students select from a topic list for their project Wheelhouse Level II - Independent - students design their own project	Tu	1-1:55	\$130
Elective	13+yrs	Wheelhouse 13+yrs - Tuesday - Session 1	Facilitator	S1	0.25	The project can be individual or a group. Students will be paired with a Wheelhouse Mentor who is knowledgeable in their selected topic area. Once they have their	Tu	2-3:30	\$195
Elective	13+yrs	Wheelhouse 13+yrs - Wednesday	Facilitator	FY	0.5	Wheelhouse Mentor they will establish project plan with goals, milestones, action steps, and a timeline. Every student enrolled in the series will participate in a final project exhibition. The Wheelhouse Mentor is there to support the student, to guide them in their establishment of a project plan, and keep track of their milestones, and point them towards resources necessary to complete their project. This is a Project Based Initiative. Students must be self motivated to successfully complete this course. Please do not request this class if your student has no interest in a project based class. There are project study times allotted on the schedule as Wheelhouse Study Block (WHSB) that students can enroll in to work on their projects. We recommended that Wheelhouse students sign up for at least one WHSB class time in addition to the Wheelhouse class.	W	2-3:30	\$330
Elective	10-12yrs	Wheelhouse 10-12yrs - Tuesday - Session 2	Facilitator	S2	0.3333		Tu	1-1:55	\$170
Elective	13+yrs	Wheelhouse 13+yrs - Tuesday - Session 2	Facilitator	S2	0.3333		Tu	2-3:30	\$170
Elective	11+yrs	World Building	John Monahan	S1	0.125	From the wonders of J.K. Rowling's wizarding world to the vastness of Larry Niven's Ringworld, imaginary worlds have proven their ability to carry us away, but could they really exist? What does science say? The class is built around the concept of taking students' creativity and combining it with real-world science in order to imagine a fictional world. Topics covered will include •Planetary science •Geology •Geography •Anthropology •Environmental science Each world created could be used as the basis of a story or series of stories, as well as many types of games	M	1-1:55	\$156
Elective	11+yrs	BSIL Daily CheckIn	Lisa Gottlieb	FY	0.125	The morning check-in is designed to make sure that students are set up for success and prepared academically and socially to have a positive, productive day.	M/Tu/W/Th	9:30-9:55 or 10-10:25	n/a
Elective	14+yrs	Study Skill Strategies	Lisa Gottlieb	S1	0.125	This class is designed to help students develop and strengthen test-taking strategies, study habits, learning styles, and critical thinking. Students will be taught specific tips and strategies for answering different types of questions on standardized and performance tests. While the goals of the class are to alleviate test anxiety and to increase performance on assessments, the hope is that students will learn to maximize their potential by developing best practices and habits of mind that will promote continual growth as a learner both inside and out of the classroom. Students will be encouraged to reflect on their learning and implement strategies for success.	M	2-2:55	\$156
Elective	11+yrs	BSIL Daily Check Out	Michelle Fewer	FY	0.2	Accountability is key. Setting a schedule and knowing how to modify it are a big part of personal accountability. In this class, students will learn about different methods and styles of scheduling, time management, and accountability. Weekly sessions will include reviews of both personal and academic goals and requirements. Personal accountability partnerships will be developed, encouraged, and moderated. Setting up for a solid year of success is our ultimate goal.	Th	2-2:55	n/a
Elective	13+yrs	Life Skills Seminar Series	Various	S1	0.25	We all have those things that we wish would have learned about earlier in our lives. The goal of this Seminar Series is to equip and empower our kids to be prepared for their impending adulthood. Some of the topics include: Budgeting, Taxes, How to Jumpstart a Car, How to Change a Tire, How to Handle Conflict and Avoid Drama, Saying No, The Importance of Punctuality, How to Get a Job, Savings & Checking Accounts, Etiquette, and much more.	Th	1-1:55	\$156
English	10-12yrs	Vocabulary Riddles	Carrie Nease	FY		Using a variety of written resources, class time and games, we'll explore words, usage and work to increase our vocabulary	W	10-10:55	\$360

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English	10-12yrs	Building Writing Skills	Carrie Nease	FY		This class is a good match for someone who grasps sentence structure and is ready to move forward with the 5 step writing process. The 5-step process is made up of Prewriting, Drafting, Revising, Editing, and Publishing. The step-by-step lessons use examples and easy-to-understand concept maps that teach brainstorming, planning, editing, and revising. Each lesson is followed by practice. Subject matter will be somewhat flexible, but the process will be structured. This is not a good fit for someone who is able to sit and write stories and essays on their own. This may not be a good fit for someone who is uncomfortable with someone giving suggestions and directions on their writing process.	W	11-11:55	\$360
English	13+yrs	Create & Critique	Enid Franklin	FY	0.5	This is a creative writing class. Students will learn how to give and receive constructive feedback on their original work. Each week as homework, students will be given a prompt. Students will come to class prepared to read their stories aloud to the class.	Tu	1-1:55	\$360
English	8-10yrs	Language Arts	Julie Bernhardt	FY		We will be exploring all aspects of Language Arts: grammar, writing, spelling, poetry, vocabulary and reading. We will use a variety of teaching methods, using Guest Hollow's language curriculum with Beowulf's grammar as our spine. Class pace will be set by class abilities, moving as fast or as slow as we need to. Children familiar with grammar will have the option to move ahead as needed. Weekly homework of writing and grammar practice will be assigned.	Tu	10-10:55	\$360
English	13+yrs	Poetry & Literature - But Not The Boring Stuff	Kelly Polyakov	S2	0.5	In this class we will learn about some of the rule-breaker writers of poetry and prose and explore their methods, expression, and boldness. We will ask questions like: what motivates a writer? How bold is too bold? What is good writing? We will read and listen and write reflections. Students will receive written feedback on their writing in a constructive and supportive manner. The goal of this class is to expose our kids to literature, encourage them to think deeply about it, and reflect with compassion and a critical eye. Please bring a dedicated notebook and a pencil/pen to class.	W	11-11:55	\$204
English	13+yrs	Creating a Literary Magazine & Yearbook	Lisa Gotlieb	FY	0.5	Throughout the year, students in this class will work to produce a Yearbook-Literary Magazine. Students will learn the principals of yearbook production and develop skills as writers, photographers, and editors to create a book that captures the unique spirit of BSIL. This class is for artists and writers to learn more about their individual, unique styles, enhance those styles, and present their work to the world.	M	3-3:55	\$360
English	14+yrs	Speech & Debate	Lisa Gotlieb	S2	0.25	This class encourages students to use their voices to engage in meaningful, persuasive discourse about contemporary issues and will help students sharpen their critical thinking skills. True critical thinking is examining an issue from all sides before accepting a conclusion as true. Learning how to debate teaches students how to participate in the rational exchange of ideas and arguments. In this class, we will cover a variety of styles of public speaking and formal debate by focusing on the aspects of logical reasoning and argumentation as well as the basics of good communication. Ultimately, students will learn advocacy skills that they can use in a variety of experiences. Homework will involve some reading and research.	M	2-2:55	\$204

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Subject	Ages	Class Name	Instructor	Session	Credit	Description	Day	Time	Price
English	14+yrs	English: Identity Literature English: Non-Fiction Writing	Lisa Gotlieb Rebecca Wald	FY	1	Identity Literature: Much of Young Adult (YA) text is rooted in Identity literature. This genre has experienced a surge in popularity and for good reason. It allows adolescents to learn about themselves and the world during a critical time in their development. Still, this genre is largely misunderstood and dismissed from discussions of "real" literature, and that's a mistake. In this class, we'll explore the authors and texts that have contributed to the evolution of YA lit by reading a range of literary styles and voices. In the process, we'll engage in discussions about critical analysis; representations of gender, race, sexuality, and other components of identity; and debates over censorship and the definition of "appropriate" content. The best YA authors understand the complexity of teenagers and write with an authenticity that necessitates including mature topics and themes. Students who take this class should be prepared to read, think, and engage in thought-provoking discussions. Non-Fiction Writing: The only way to become a good writer is to write a lot. In this class, that's exactly what we'll do. We'll write in-class exercises and homework assignments. We'll write for a variety of audiences and settings. We'll write to inform, to persuade, to describe, to argue, to analyze, and even to entertain. We'll also work to improve our writing products through self-, peer-, and teacher review. You'll come out of this class a better and more confident writer, and hopefully you'll have some fun along the way.	M/Tu/Th	11-11:55	\$900
English	12-14yrs	Writing Through Literature	Michelle Fewer	FY	0.5	Preparing a standard essay can be scary and intimidating, but it doesn't have to be. In this class students will learn to develop their own writing style by reading short stories, using various graphic organizers, and incorporating constructive feedback into their assignments. Weekly reading and writing is required.	Tu	11-11:55	\$360
Fine Arts	13+yrs	Film - Lights, Camera, Action	Brittany Williams	S2	0.5	This class is for students who are interested in the behind the scenes of film making. Students will make 3-4 short films focusing on directing and cinematography. Students will also be expected to fill other roles in the production process such as, art, set, and costume design, sound, lighting and technical. Students will start off with gaining an appreciation of film production and then delve into the chaos of producing a series of short films. This class does not focus on acting or editing. It is a class that is self motivated and requires the ability to work in groups. The class will end with a film premiere to showcase the student's work.	Tu	2-3:30	\$306
Fine Arts	13+yrs	Podcast	Brittany Williams Kelly Polyakov	S1	0.5	Podcasting for Creative Thinkers: A Project Based Workshop This class is for the doers. We will start from scratch by learning the tech stuff and researching how podcasts are made. We will Brainstorm, Plan, Practice, and Do. We will make mistakes and learn from them. The goal of this class is to produce a regular podcast throughout the school year (and possibly beyond!). Students who enroll in this class must agree to work collaboratively and employ a strong work ethic. Creativity and focus are essential. Please bring a dedicated notebook and a pen/pencil to this class.	Tu	2-3:30	\$234
Fine Arts	11-14yrs	Craftmanship	Carrie Nease Nicole Sterrett	FY	0.125	In this class, we will be exploring many different forms of craftsmanship. Including, wood-burning, sculpting, perler beads, paper art, jewelry making, and wood	Th	10-10:55	\$360
Fine Arts	9-12yrs	Sewing	Donnetta Johnson	S1		Learn how to sew with a sewing machine, cut and pin fabric, piece fabrics, stitch seems, and complete a sewing project	Th	11-11:55	\$156
Fine Arts	10+yrs	Sit & Stitch	Michelle Fewer	FY	0.25	Gather round the table with a project for some fun conversation and needed accountability. Students MUST bring a project or craft to class each week. Progress on individual projects will be discussed and encouragement to continue will be plentiful. Adults are always welcome.	W	1-1:55	\$210
Fine Arts	8-12yrs	Bucket Drumming	Nicole Sterrett	FY		Using sticks and buckets students will learn rhythm, proper stick holding, and gain an enjoyment for percussion in a fun and engaging environment	M	11-11:55	\$360
Fine Arts	6-9yrs	Instrument Petting Zoo	Sahffi Lynne	S1		"How many instruments do you HAVE, Ms. Sahffi??" Ms. Sahffi has a plethora of instruments from all four instrument families, and she loves to share them! In this class we'll not only learn about the four instrument families of the orchestra, we'll also get to try some! We'll also learn about instruments from around the world, listen to music that features the instruments we are trying, and perhaps even be brave enough to play an original composition or two for folks if we discover some cool sounds! Sure to be lots of adventurous fun! May not be suitable for children with sensory issues.	W	10-10:55	\$156

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Fine Arts	6-9yrs	Songwriting I	Sahffi Lynne	S1		In this class students will learn the structure of popular songs, how popular songs are constructed and also write their own songs as a group. If students are interested, Sahffi will also help individual students craft their own song as well. Students will be introduced to musical styles and concepts, and also be offered voice lessons. A live performance of their original songs will be offered at the end of the session if students are interested in sharing. This class will not have homework, but students will be encouraged to journal their creative ideas.	W	11-11:55	\$156
Fine Arts	8+yrs	Choir	Sahffi Lynne	FY	0.25	The power of group singing has been felt since the dawn of time. People across the planet have for centuries come together to pray, unite, celebrate, mourn, protest and heal through song. Ms. Sahffi is excited to offer a choir to express our collective voices for peace! Vocal coaching, learning harmony, and working and singing together as a choir will be an integral part in our choir experience. We will have fun and work towards performing powerful and beautiful music together. For serious singers only.	W	1-1:55	\$300
Fine Arts	6-9yrs	Music From Around The World	Sahffi Lynne	S2		This exploratory class is designed as interactive introduction to music from around the world. We'll listen to music from parts of the world that we are interested in, and from there discover new sounds, new rhythms, and new cultures and religious beliefs. We will learn about instruments and dances of the various regions as well. This class may have assignments on a pass/fail basis, such as asking ancestral history or favorite styles of music from family members. Assignments will help us determine where to take us on our journey of listening to music around the world!	W	10-10:55	\$204
Fine Arts	6-9yrs	Songwriting II	Sahffi Lynne	S2		In this class students will learn the structure of popular songs, how popular songs are constructed and also write their own songs as a group. If students are interested, Sahffi will also help individual students craft their own song as well. Students will be introduced to musical styles and concepts, and also be offered voice lessons. A live performance of their original songs will be offered at the end of the session if students are interested in sharing. This class will not have homework, but students will be encouraged to journal their creative ideas.	W	11-11:55	\$204
Fine Arts	13+yrs	Art 13+yrs	Tiffany Averill	FY	0.5		Th	10-10:55	\$360
Fine Arts	12+yrs	Art 12+yrs	Tiffany Averill	FY			Th	11-11:55	\$360
Fine Arts	8-12yrs	Art 8-12yrs	Tiffany Averill	FY			Th	1-1:55	\$360
Fine Arts	13+yrs	Center Stage		S2	0.3333		Th	1-2:30	
Health	13+yrs	Science of Well Being	Heather Brown	FY	0.5	Based on Yale University's popular online course The Science of Well-Being, as well as tools such as the Wellness Wheel, Mindfulness Based Stress Reduction and more, this class will explore what it means to live a healthy, happy, fulfilling life. Understand the difference between what humans THINK will make us happy and what ACTUALLY leads to happiness. Learn and practice habits of body and mind that lead us to self-understanding, emotional regulation and meaningful pursuits.	W	2-2:55	\$360
Health	All	Monday Morning Meditation Moment	Lara Wrigley	FY	0.25	This class will provide students with the opportunity to learn and settle into a weekly meditation routine. This is a wonderful way to start the school week. Meditation can help provide well being in the mind and body. In addition in can strengthen concentration and restore balance to our nervous systems. We will start with simple breath meditation and over time expand into a process designed to increase neural integration.	M	10:30-10:55	\$180
Health	13+yrs	Train Your Brain	Lisa Gotlieb	FY	0.25	Did you know that neuroplasticity means that the brain can continuously change and grow? This is great news! The Train Your Brain class will focus on improving students' executive functioning and will help increase academic and personal success. Executive functioning skills are fundamental to working memory, flexible thinking, and self-control. The brain needs these skills to filter distractions, prioritize tasks, set and achieve goals, and control impulses. Train Your Brain will help students develop an understanding of their strengths and learn strategies for supporting areas of weaknesses. Students will learn to use a growth mindset to improve time management, increase organization, and build self-esteem.	M	1-1:55	\$360
Health	All	Wednesday Morning Meditation Moment	Mark Napolitano	FY			W	10-30-10:55	\$180
Health	8-10yrs	Health	Nicole Sterrett	FY			Tu	1-1:55	\$360

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Math	8+yrs	Teaching Textbooks	Kate Heck	FY		Self-lead class at student's ability. Facilitator present to answer questions, set goals, and monitor progress *software registration fee	M/Tu/W/Th	10-10:25 or 10:30-10:55	\$150
Physical Edication	8+yrs	Open Gym	Nicole Sterrett	FY	0.25		M	2-3:30	\$360
Physical Edication	8+yrs	Open Gym	Nicole Sterrett	FY	0.25		Tu	2-3:30	\$360
Physical Edication	8+yrs	Open Gym	Nicole Sterrett	FY	0.25		Th	3-3:55	\$360
Physical Edication	8+yrs	Open Gym		FY	0.25		W	2-2:55	\$360
Science	11-12yrs	Living World	John Monahan	S1		What could be more fascinating than learning about all the living things in the world? They're all around us, even inside us, and we depend upon them for everything we do. This class is designed to give a fun overview of what it means for something to be alive, how living things work, from individual cells to entire populations, and how they interact with each other. Topics covered will include: •Cells and how they work •Different types of living things •Evolution •Ecosystems and biomes	M	10-10:55	\$156
Science	12-13yrs	CSI	John Monahan	S1		Shows like CSI and NCIS have put forensic science into the spotlight. This class will focus on the real life science of forensic investigation and how it differs from portrayals in TV and movies. Topics covered will include •History of forensics •Types of evidence •Chain of custody •Proper crime scene procedure •New techniques and reexamination of older techniques Due to the nature of crime scene investigation, some discussion and depictions of violent acts is unavoidable, but everything will be handled in a respectful and age appropriate manner.	M/W	11-11:55	\$312
Science	14+yrs	Biology - High School	John Monahan	FY	1	Biology is the science of life, from the smallest single cell to the largest and most complex creatures on the planet. This class is designed to cover the nature of life and biological processes. Topics covered will include: •Cell structure and functions •Classification of living things •Evolution •Ecosystems and biomes •Genetics	Tu/Th	10-10:55	\$720
Science	10-11yrs	Weird Critters	John Monahan	S1		Our world is full of all kinds of weird and wonderful creatures, from lizards that walk on water and birds that live underground to fish that glow in the dark and mammals that lay eggs. This class is designed to teach about these creatures and how they evolved into these marvelous forms. Topics covered include: •Types of living things •How living things interact with their environment •How animals communicate •Saving endangered species	Tu	11-11:55	\$156
Science	14+yrs	Science Independent Studies w/ Lab	John Monahan	FY	1		W	10-10:55	\$360

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Science	10-11yrs	Science of Flight	John Monahan	S1		Humans have been trying to fly like the birds for centuries, but it's only been recently, a little over a hundred years, that we've mastered it. In that time, we've gone from a handful of tentative flights of less than a few hundred yards to flying non-stop around the world. This class is designed to look at that history and the science behind it. Topics covered will include <ul style="list-style-type: none"> •Hot air balloons and dirigibles •The completion to make a flying machine •How war changed airplanes and airplanes changed war •The future of flight In addition to learning history, this class will feature hands-on labs to learn about the science of flight	Th	11-11:55	\$156
Science	11-12yrs	Plant Science	John Monahan	S2		Sometimes it's easy to take plants for granted, but we depend upon them for our food, our building materials and even the air we breathe. They're surprisingly complex and form the basis for our entire environment. This class is designed to introduce students to different types of plants, how they grow and reproduce and all the ways we depend upon them. Topics covered will include: <ul style="list-style-type: none"> •How do plants get energy •Types of plants •How plants interact with other living things •How do plants reproduce 	M	10-10:55	\$204
Science	12-13yrs	Physical Science	John Monahan	S2		What is the universe made of? How does it all work? These are fundamental questions we start asking when we are kids. This class is designed to answer some of those questions and introduce kids to physical science. It's a combination of introductory chemistry and physics. The class will emphasize hands on experiments and the topics covered will include: <ul style="list-style-type: none"> •Atoms and molecules •Chemical reactions •Laws of motion •Light & sound •Since we will be focusing on hands on labs, lab safety procedures will be emphasized. 	M/W	11-11:55	\$306
Science	12-13yrs	Space Science	John Monahan	S2		Humankind has only just begun to explore our universe and we are learning that it more beautiful and more complex than we ever imagined. This class is designed to introduce students to the wonders of the universe around us, from its beginnings to the formation of galaxies, stars and planets. Topics covered include: <ul style="list-style-type: none"> •The big bang •Structure of galaxies •Stars and how we view them •Our solar system and others 	M	1-1:55	\$204
Science	10-11yrs	Cooking Science	John Monahan	S2		What happens to food when we cook it? Why doesn't food stick to non-stick pans? What makes bread rise and gives yogurt its tangy flavor? We eat everyday but often take for granted the sometimes complex science of how our food is prepared. Food Science is designed to delve into that world with hands on kitchen experiments. Topics covered will include <ul style="list-style-type: none"> •How heat affects our food •Fermentation •Food preservation •The science of taste Because we will be doing hands on labs with real food, a \$5 lab fee is required for this class	Tu	11-11:55	\$204

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Science	10-11yrs	Tinker Crate	John Monahan	S2		From electrical circuits to fiber optics, Tinker Crates are designed to give students hands-on experience with a wide variety of fun scientific fields. This class is designed for students to use self-contained kits that have everything they need to discover the wonders of science. Topics to be covered include: •Electrical circuits •Automation •Biomechanics •Fiber optics •Animation \$60 materials fee	Th	11-11:55	\$204
Science	8-12yrs	Design a Zoo	Julie Bernhardt	FY		Imagine you are hired to design a brand-new zoo for your community...where would you start? This class will go through the steps required to do just that, starting with the question "What makes a zoo successful?" Session one will involve researching and planning...watching virtual tours of Zoos from across the country, compiling lists of wants/needs for our own zoo, animal exhibits, and required space. In Session Two, children will choose which exhibits they will work on, becoming animal experts as they learn about how to create the ideal habitat. Each child will use the information they learn to create a diorama of their exhibit. We will end the year with a special event planned to show off all our hard work.	M	10-10:55	\$360
Science	8-11yrs	Mystery Science	Julie Bernhardt	FY		This class will be using the online curriculum "Mystery Science". Children will be able to help choose their own "mystery question" to solve, working in small groups through the unit and completing the hands-on experiments that go along with each one. This class incorporates many different learning styles, and allows children to move through the units at their own pace. Science units are grouped by grades k-2, 2-4, 3-5 so that each child will have the ability to work at their own level. Children will be paired up in order to share laptops, if your child would like to work independently, they will need to supply their own laptop or tablet.	M	1-1:55	\$360
Science	10+yrs	Irvine Nature Center		FY	0.25	We are fortunate to be only a half mile from Irvine Nature Center! During our trips to Irvine, we will explore the woods, meadows, butterfly house, and nature center. There will be plenty of opportunity for independent and group exploration, in addition to structured activities, games, and communing with nature. Students will have freedom to choose their activities. All of our BHCC & BSIL participants are expected to well-behaved citizens, respectful of each other, our transportation, and Irvine. The agreement and waiver must be signed by each student and the student's parent. An additional transportation fee is required and necessary to make this activity possible.	M	2-3:30	
Social Studies	13+yrs	Social Science With Superheros	Jenn Schmidt	S2	0.25	In this class we will examine social sciences using superheroes; how their history, superpowers, chosen implements, and character relate to a variety of theories.	Th	2-2:55	\$204
Social Studies	11-13yrs	Zombie Geography	Julie Bernhardt	FY		When the zombies attack, where should we run, where to regroup, and where to rebuild our lives? Those questions, key to survival, can focus student attention on a highly motivating and dangerously overlooked fact: Geography skills can save you from the zombie apocalypse! This class will focus on learning those skills to help us survive a series of scenarios based on surviving an attack to our own neighborhood. This project-based class will involve active engagement, problem solving and using critical thinking skills to help students master geography skills more deeply...all while having fun too! Weekly homework may be assigned in order to keep the pace needed to complete the curriculum.	M	11-11:55	\$360
Social Studies	7-10yrs	History	Julie Bernhardt	FY		We will explore American history units beginning with the Colonial Era. Each unit will include projects, games, videos and reading selections to help us dive into each time period. Children will be given opportunities to choose from specific topics within each unit to explore and share with their classmates.	Tu	11-11:55	\$360

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Social Studies	14+	World History - Reading Like a Historian	Kate Heck	FY	1	The Reading Like a Historian curriculum engages students in historical inquiry. Each lesson revolves around a central historical question and features a set of primary documents designed for groups of students with a range of reading skills. This curriculum teaches students how to investigate historical questions by employing reading strategies such as sourcing, contextualizing, corroborating, and close reading. Instead of memorizing historical facts, students evaluate the trustworthiness of multiple perspectives on historical issues and learn to make historical claims backed by documentary evidence. This year we will focus on topics from world history, from the ancient world, through medieval times and into more modern questions as time permits. Class activities will be supplemented by assigned reading and/or videos and written assignments	M/W	1-1:50	\$360
Social Studies	14+yrs	American Government	Mark Napolitano	FY	0.75	This course will present a comprehensive study of United States federal and state government, beginning with the philosophical and historical precursors to its establishment. Students will be introduced to the seminal documents, important laws and statutes, as well as important Supreme Court cases, that frame our government. The three branches of government, the role of the citizen, political parties, the media, and public policy will round out the course. The course will include outside class reading, (utilizing an on-line open source curriculum), note taking assignments, as well as, in class and home quizzes, to ascertain class topic/concept mastery. Course will target general high school skills of reading and comprehension.	W	11-11:55	\$360
Social Studies	13+yrs	POC (People of Color) - Our Lives	Various	S1	0.25		W	11-11:55	\$156
Technology	11-13yrs	Robotics I	John Monahan	S1		Robots have long filled science fiction, but that fiction is rapidly becoming a reality, as robots take over many roles in our society. This class is designed to teach students about the potential and practical applications of robots by having them design and build their own using the LEGO Mindstorms system. Students will work cooperatively in teams to solve specific problems using robots. Topics covered include: •History of robots •Current and future uses of robots •Designing robots •Programming robots	Tu	1-1:55	\$156
Technology	12-13yrs	Engineering	John Monahan	S1		Engineers are literally responsible for building our modern world. Engineering, however, is not simply one field of science. It is many. This class is a basic introduction to engineering. It will provide a general overview of the field. Topics covered will include •Civil engineering •Mechanical engineering •Electrical engineering This will primarily be a hands-on class, with students working cooperatively to build several projects using inexpensive and found objects.	W	1-1:55	\$156
Technology	13+yrs	3D Printing I	John Monahan	S1	0.25	In the last few years, 3d printers have gone from prohibitively expensive industrial machines to affordable desktop tools. In the process they have inspired a generation of makers and triggered what some are calling a new industrial revolution. This class is designed to introduce students to 3d printers and teach them how to design and print their own 3 dimensional designs. Topics covered include: •History of 3d printers •How 3d printers are changing society •How to design 3d objects using Tinkercad •Troubleshooting 3d printers	Th	1-1:55	\$156
Technology	11-13yrs	Robotics II	John Monahan	S2		This class is designed for students who have already taken the introductory robotics. It will focus on more advanced projects and applications of robotics. The LEGO Mindstorms system will be used for this class. Topics covered will include: •Applications of robotics •Robotics in industry •Robotics in the home	Tu	1-1:55	\$204

Phones are not allowed in ANY this class, unless the instructor gives specific permission.

Subject	Ages	Class Name	Instructor	Session	Credit	Description	Day	Time	Price
Technology	12-13yrs	Inventing	John Monahan	S2		Where do all those inventions come from? How do inventors get their ideas? How do you turn a great idea into an actual invention? This class is designed to help students come up with ideas and bring them to fruition. Topics covered include: <ul style="list-style-type: none"> •What is a patent •How to set up an inventor's notebook •History of inventions 	W	1-1:55	\$204
Technology	13+yrs	3D Printing II	John Monahan	S2	0.3333	New types of 3d printers and new materials for them to use are constantly being developed. That opens up whole new horizons for aspiring 3d printer. This class is designed to build upon the Introduction to 3d printing class and give students practice with new 3d design programs. Topics covered will include: <ul style="list-style-type: none"> •What is the future of 3d printing •Advanced materials for 3d printing •How to design 3d objects using Sculptris and Blender 	Th	1-1:55	\$204
	14+yrs	Advanced Academic Study Project (AASP)	Matched Mentor	FY	TBD	This is a class for high school students. AASP is an opportunity for students to design their own project and earn academic credit. This can be an individual or group project. There are more documentation requirements for this class in order for the student to receive credit in specific core subjects. This class requires an application process in which the student submits an initial proposal for their project. Upon approval, they will be assigned a mentor to further develop their project plan. This includes goals, milestones, action steps, and a timeline. AASP students will participate in a final project exhibition. They will also submit a process paper detailing their project process. Their PBL Mentor will provide a detailed evaluation of their project to be included in their High School Transcript. This is an Advanced Project Based Initiative. Students must be independent and self-motivated to successfully complete this course. Please do not request this class if your student has no interest in an independently lead project based class. There are several AASP class times allotted on the schedule. We recommended that AASP students request to register for at least 2 AASP class times. AASP students may also participate in Wheelhouse class as a separate class for a separate project.	M/Tu/Th M/Tu/W/Th	11-11:55 1-1:55	
	10+yrs	Wheelhouse Study Block	Matched Mentor	FY		We recommended that Wheelhouse students sign up for at least one WHSB class time in addition to the Wheelhouse class.	M/Tu/Th M/Tu/W/Th	11-11:55 1-1:55	