



ACADEMY SUMMER ONLINE

ABOUT

In response to the COVID-19 outbreak, Staten Island Academy transitioned their curricula to an online teaching and learning environment. With Academy Summer Online, students can sustain their curiosity and enthusiasm for learning through the summer with a diverse selection of online courses. With classes capped at 10 students, your child is guaranteed an individualized enrichment experience.

- Monday, July 6th - Friday, August 7th
- \$500/class
- 5-10 students per class
- Classes taught by Staten Island Academy faculty and graduates
- Microsoft Teams online meeting platform

CONTACT US

For information on registration, please contact:

Eileen F. Corigliano,
Assistant Head of School

ecorigliano@statenislandacademy.org

917-692-3547

**Registration deadline is
Friday, July 3rd**



LOWER SCHOOL COURSES

"Book Study" with Jill Porrino'09; Grades 3-6; T/TH; 9-10:30am

This reading class will be for grades 3-5, as we read the book "Because of Winn Dixie". Key story elements will be covered such as problem & solution, character traits, theme, main idea and key details, inferences, point of view, and determining the meaning of unknown words. This will be a deep dive into a fiction text with engaging videos, google forms, powerpoints, and ending with creating a brochure of your own analysis of the book. What a great way to get in your summer reading while we have a lot of fun!

"STEM" with Sarah Powell; Grades 4-6; T/TH 9:30-11am

Students will complete STEM lessons, using the Engineering Design Process. The Engineering Design Process (EDP) is a step-by-step method of solving a problem by creating something tangible with a specific function. That is a fancy way of saying, "this is the way to think like an engineer!" Students will plan, discuss, and create the best solution to the design challenge.



"Creative Writing Workshop" with Susan Fiorentino; Grades 2-4; M/W/F; 3:30-4:30pm

Ms. Susan Fiorentino is excited to offer a creative writing workshop for Lower School Students in Grades 2-4. During this course, students will have the chance to practice reading skills, work on a creative short story response/prompt related to the reading and present their work with the class. This fun class will allow students to think creatively and practice sharing their work with others. Please save your child's work so that Ms. Susan can put together a book of your child's work. Ms. Susan has previously been published for her writing about volunteerism, leadership in her community, and mentoring high school and college students. She has a passion for writing and is looking forward to working with the students over the summer!

"Cupcake Battle" With Linda Martin; Grades 4-6; T/TH 1-2:30pm

Do you have what it takes to win the Cupcake Battle? If so, bring it on because we are back!! This time you will have the opportunity to use the tools you have in your very own kitchen to create amazing tasty treats because we will be doing this virtually! Twice a week, Mrs. Martin will be coming into your kitchens, live from her own kitchen, to teach you all sorts of tricks of the cake decorating trade to create fun and magical cupcakes. And the best part, your artwork is edible! A list of needed supplies will be provided so that you are prepared to create everything covered in the class. And, during our final class, you will have a chance to be named the Cupcake Battle Winner of 2020!



"Storytime" with Shyiesha Watson; Pre-K 3-Grade 4; M/W/F 10:30-11:30am

Join Ms. Watson on Monday's, Wednesday's and Friday's for story time at 10:30am-11:30am. Together we will read fun stories and share some stories. If the children like they can even read a story to me and their friends!

"Cultural Study: Greece" with Sarah Powell; Grades 2-3; M/W/F 9-10am

This class will introduce students to an ancient civilization whose contributions can be seen in many areas of our lives today. Students will learn about the gods and goddesses of the ancient Greeks, the city-states of Sparta and Athens, and the philosophers Socrates, Plato, and Aristotle. They will learn about the first Olympic Games held in honor of Zeus, the significance of the battles of Marathon and Thermopylae, and the conquests of Alexander the Great. Students will also learn about the Greek contribution of democracy and how those ideas are used today in many governments, including our own.

"Reading and Writing Reimagined" with Eman Metwally; Grades 2-3; M/W/F; 10:30-11:30am

This class will focus on strengthening reading, writing, and spelling skills in a multi-sensory, structure, sequential approach. Initially, students' skills will be assessed to gauge an understanding of their level, followed by directed and instructional activities to help students progress to the next level. The students will engage in multiple modalities such as games, storytelling, and watching videos that reinforce their learning. Through these activities, students will be guided to learn the tools necessary to independently decode and encode information independently.

"Camp Style Crafts" with Jessica Kaskel; Pre-K 4 - Grade 8; T/TH, 1-2pm

We will be creating arts and crafts projects, typically learned during camp, that include working with clay, textiles, paper, and recycled materials. Some projects will include scissors, glue, water, or use of an oven and will need adult supervision for younger participants. There will be choices for each project to accommodate different levels.

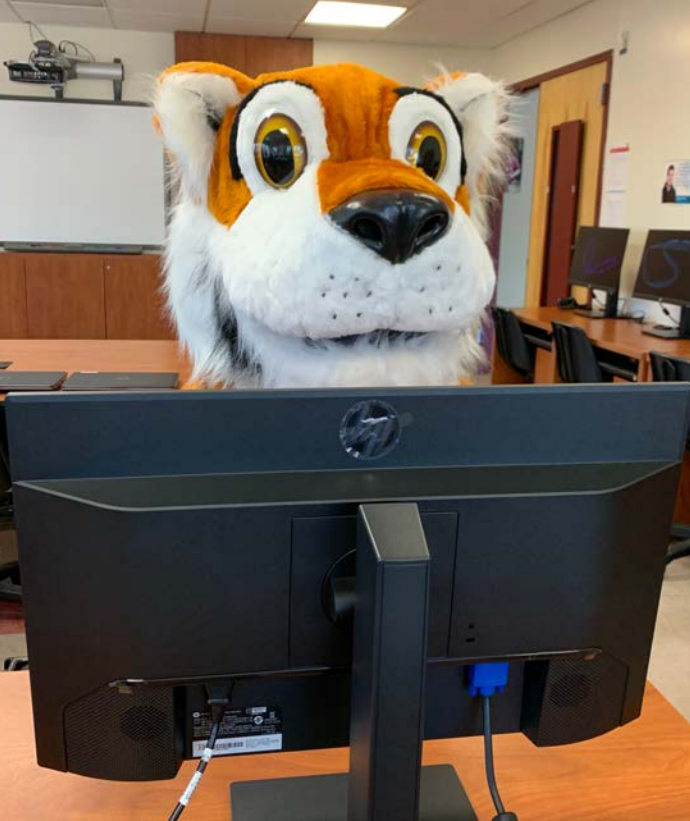


STEM" with Sarah Powell; Grades 2-3; M/W/F 10-11am

Your students will solve a given problem while learning to work with unique materials. The challenges incorporate a budget aspect for "buying" the needed supplies. Each STEM challenge encourages creative thinking. Your student engineers must use the available supplies while sticking to a budget for each STEM activity.

"Passport to the World" with Ashley Schirripa'09; Grades 1-6; T/TH; 8-9:30am

All Aboard!
Travel the world without ever leaving your home! What fabulous places are in and outside of our very own community? We will learn about many different locations around our world! Come and explore these magical lands and learn about where you came from! We will partake in virtual field trips and create projects based on our discoveries!



"Everyday Science Is All Around Us" with Clay Wollney; Grades 4-8; M/W/F; 11am-12pm

During this course, participants will use commonly available materials to explore science and technology in the everyday world using the scientific method. A list of materials you will need to purchase (under \$100) will be provided before the course begins. Some of the topics will include:

- Bubbles – giant bubbles, bubble cubes and pyramids, bubble ingredients and the best bubble mix
- Water – adhesion and cohesion, surface tension, solubility, density and buoyancy, build a hydrometer
- Birds and Butterflies – how to attract birds and butterflies, identification of species, ecology and adaptations

(continued)

- Propulsion – build catapults and rockets to study the physics of motion and mechanics
- Flight – design and construct parachutes and paper helicopters then experiment with making them better
- Chemistry – properties of different classes of plastic, making plastic from milk, acid and bases
identification of nutrients in food, removing tarnish

"Welcome to Hogwarts" with Victoria Diglio'11; Gr. 3-6; T/TH; 10-11:30am

Whether you're a wizard or a Muggle, you're invited to come explore the wizarding world of Harry Potter! In this class, you will get sorted into a Hogwarts house, play magic games, and take a virtual trip to Harry Potter World in Florida. Old and new fans are welcome on this magical adventure.



"Super Sleuths" with Jacqueline Stevens; Grades 4-6; M/W/F; 1-2pm

In this course, students will explore the exciting career of being a detective! They will have opportunities to study forensic science and commonly used investigation techniques, like fingerprinting, DNA testing, and polygraph testing. Students will read mystery stories and practice solving crimes using deductive reasoning skills. They will even have opportunities to write their own mystery stories!

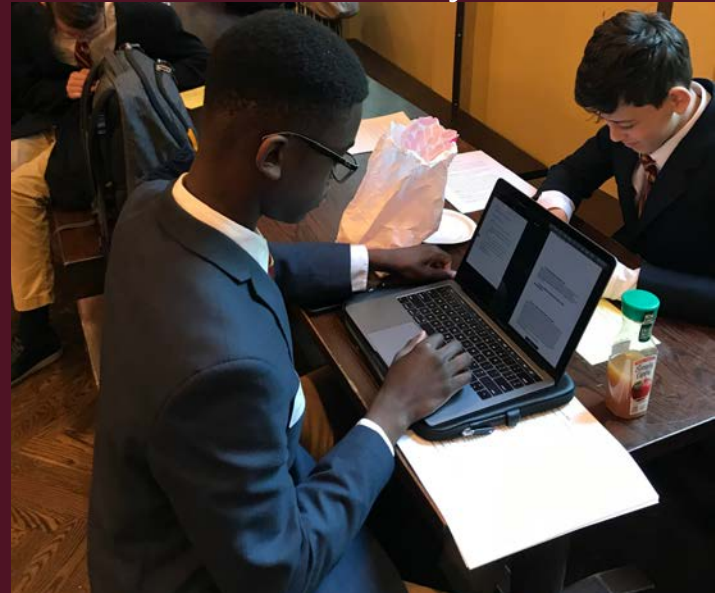


"Sorting American Presidents" with Sam Adler'08; Grades 3-6; M/W/F; 11am-12pm

Any good Harry Potter fan knows their Hogwarts house but where where would the leaders of our country fit if they were wizards? In this course, you get to be the Sorting Hat as we decide which noble house our Presidents would have belonged in.

"Introduction to Watercolors" with Bianca Laudiero'09; Grades 3-6; M/W/F; 10-11am

Painting with watercolors is the most popular way for an artist to learn the basics of design. In this painting course, students will use watercolors to explore and experience a range of design techniques. As we paint our way through a variety of topics, students will learn both design concepts and color theory. This course is an approachable "step by step" format to encourage students of all skill levels to have fun while expressing his or her own creativity.



MIDDLE SCHOOL COURSES

"Can Writing Change the World?" with Joseph Smith, Gr. 7-10, M/W/F, 10-11am

From short stories and poetry to magazine articles and social media posts, writing serves as a way for people to connect and express ideas. In this course, we will discuss how different pieces of writing have created impacts in social justice spheres for women, people of color, members of the LGBTQ+ community, and people with disabilities. We will utilize group discussion, various writing prompts, and self-reflection to challenge our prior knowledge about these topics and develop our auditory, oratory, and written expression for both clarity and validity in argument.

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"Introduction to Coding" with Alex Voutsinas'15; Grades 8-12; T/TH; 1-2:30pm

The class will go through very basic Java coding projects at the students' pace and give them the opportunity to make mistakes and asks questions in this new learning experience (by experience I mean learning to code). The class will also cover information about technology and computer occupations and paths to take in the future. At first, coding is a very hard subject to swallow, it requires students to develop a new way of thinking and approaching problems. This class will provide a welcoming and understanding environment so students can ask questions. After taking this class, a student will be able to keep up with the face paced environment of a future coding class because they will have their basic questions answered, adjusted to the new learning techniques, and learn a valuable new skill.

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In this course, students will explore the exciting career of being a detective! They will have opportunities to study forensic science and commonly used investigation techniques, like fingerprinting, DNA testing, and polygraph testing. Students will read mystery stories and practice solving crimes using deductive reasoning skills. They will even have opportunities to write their own mystery stories!



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"Brain Teasers and Word Games" with Mike Mazella'90; Grades 5-8; M/W/F; 10-11am

Do you have what it takes to unravel some of the toughest riddles and mental challenges that will be put before you in this class? We will look at visual puzzles, word games, logic puzzles, number sequences, and other mystifying brain teasers that have stumped some of the strongest minds for years. If you're someone who loves solving puzzles and unlocking mysteries, then sign up for this course and get ready to give your brain a summer workout.

"Mandarin Basics" with Claire Maccabee; Grades 5-9; M/W/F, 10-11am

This is a fun and introductory course of Mandarin Chinese and its core basics. It introduces students to the Chinese language and the culture that produces it. Through this course, students gain basic listening, speaking, reading, writing, skills in Mandarin. By the end of this course, students will be able use sentences and phrases to handle basic communicative situations, such as greetings, introducing basic personal information, etc. In addition to learning the language, students are also introduced to some important and interesting Chinese cultural products, practices, and perspectives.

"Memorable Dates in Sports History" with Mike Mazella'90; Grades 5-9; M/W/F; 11am-12pm

This course will examine fifteen of the most important dates in sports history as we look at the figures, teams, and circumstances that made each of these events so significant. From performances that shattered records to others that helped shape a sport's history, or even history itself, if you consider yourself a sports fan, you need to know the stories behind these unforgettable athletic moments.





"Book Study" with Jill Porrino'09; Grades 3-6; T/TH; 9-10:30am

This reading class will be for grades 3-5, as we read the book "Because of Winn Dixie". Key story elements will be covered such as problem & solution, character traits, theme, main idea and key details, inferences, point of view, and determining the meaning of unknown words. This will be a deep dive into a fiction text with engaging videos, google forms, powerpoints, and ending with creating a brochure of your own analysis of the book. What a great way to get in your summer reading while we have a lot of fun!

"The Importance of Healthy Living" with Chelsea Ambrosino'09; Grades 5-12; T/TH; 9-10:30am

The importance of living a healthy lifestyle has both short and long term health benefits. Regular exercise and physical activity promotes strong muscles and bones. It improves respiratory, cardiovascular health, and overall health. Along with regular exercise and physical activity, nutrition is important as well. The specific nutritional choices you can make are crucial. Good nutrition is essential to good overall health. Throughout this summer course, students will learn exercises to keep them physically active as well as nutritional information to help them make better choices when it comes to eating habits. Throughout the summer, students will also be creating healthy meal plans and exercises to show their understanding of the topic.

"Around the World in 10 Plates" with Claire Crane'15; Grades 7-12; T/TH; 12-1:30pm

In this course, we will make (and eat!) dishes from around the globe. With each destination, we will learn about the people that live, cook, and eat there, in addition to sampling some delicious new recipes. Students do not have to have prior cooking experience, but should be comfortable using a stove and knife. A list of ingredients will be provided days before class, but cost of ingredients is not included. Please provide information about food sensitivities or allergies upon registration.



"Introduction to 2D Animation" with Alex Voutsinas'15; Grades 7-12; M/W/F; 12-1pm

This class will be an introduction to 2D hand drawn animation with projects and brief animation history lessons. Each week, students will learn principles of animation used by experienced Disney animators and apply them to projects. The projects will include a bouncing ball, a walk cycle, and facial expressions. Any new software the students need to download will be free, and instruction will be given on how to use this software to edit their projects. If a student does not have access to drawing on the computer, they can also draw on paper and take pictures on their phones. Students will also be introduced to animation's origins by learning about animation history and watching classic short animated films.

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This class will give students a basic understanding of animation techniques and provide a starting point for any animation fan interested in pursuing the field.

"Introduction to Watercolors" with Bianca Laudiero'09; Grades 3-6; M/W/F; 10-11am

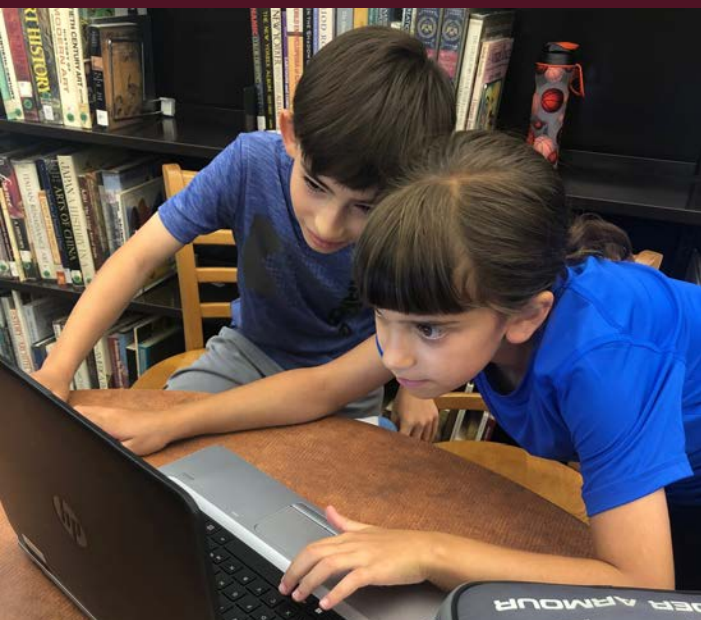
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"It's a Big World" with Clay Wollney; Grades 5-8; T/TH; 11am-12:30pm

The geological history of our planet and the evolution of life will be examined in this course. Lab activities including models and simulations of earth processes such as plate tectonics, earthquakes and volcanoes provide insight into the physical development of the planet while fossil evidence, simulations of natural selection and an observations of modern animals develop the concepts of evolutionary processes.



"Was George Washington Great?" with Sam Adler'08; Grades 7-12; M/W/F; 1-2pm

There have been many people throughout history who have been considered "Great", but what does it mean to be "Great" and do these people really qualify? In this course, we will work to define what is greatness and who deserves that title by examining several figures in American History.

"Sorting American Presidents" with Sam Adler'08; Grades 3-6; M/W/F; 11am-12pm

Any good Harry Potter fan knows their Hogwarts house but where where would the leaders of our country fit if they were wizards? In this course, you get to be the Sorting Hat as we decide which noble house our Presidents would have belonged in.



"The History of Immigration in NYC" with Erica Martin'04; Grades 5-6; M/W/F; 2-3pm

Let's learn about our city and it's cultural diversity that goes back hundreds of years! Each week we will discuss a different wave of immigration starting at the very beginning when the first Europeans settled Manhattan Island and ending in the present day. Students will engage in thoughtful conversation as we use primary sources and literature to learn about the reasons people immigrate, why New York City is such a popular place for immigrants to settle, and how it adds to the beauty of our city!



"Everyday Science Is All Around Us" with Clay Wollney; Grades 4-8; M/W/F; 11am-12pm

During this course, participants will use commonly available materials to explore science and technology in the everyday world using the scientific method. A list of materials you will need to purchase (under \$100) will be provided before the course begins. Some of the topics will include:

- Propulsion – build catapults and rockets to study the physics of motion and mechanics
- Flight – design and construct parachutes and paper helicopters then experiment with making them better.
- Chemistry – properties of different classes of plastic, making plastic from milk, acid and bases, identification of nutrients in food, removing tarnish.

"Beyond the Selfie" with Claire Crane'15; Grades 5-8; M/W/F 10-11am

Each week, students will embark on a new "photo challenge" to capture the world around them. We discuss what makes a "good" photo and how to use photography to tell a story. Students will experiment with light, motion, and composition as they build their own photography portfolio. Smartphone or digital camera required.

- Bubbles – giant bubbles, bubble cubes and pyramids, bubble ingredients and the best bubble mix,
- Water – adhesion and cohesion, surface tension, solubility, density and buoyancy, build a hydrometer,
- Birds and Butterflies – how to attract birds and butterflies, identification of species, ecology and adaptations,



**"Latin via Spell-Casting"
with Meredith Boonshaft;
Grades 6-12; M/W/F; 1-
2pm**

A Latin intro/refresher (ideal for any student with one or fewer years of Latin or any rising 6th grader or student in grades 6-12, who has not yet taken Latin). We will wave wands, mutter incantations, learn a thing or two about language, and read/discuss some magical prose influenced by the Classics. By the end of this course, all participants will know more about Latin, English, and "magic" than they did before! No prior Latin or Harry Potter-level wizardry necessary.

**"Reimagining the Greek
and Roman Pantheons"
with Meredith Boonshaft;
Grades 6-12; M/W/F; 2:15-
3:15pm**

Participants of this course (any rising 6th grader or student in grades 6-12) will have a Percy Jackson-esque experience (minus the Minotaur attack and mad dash to camp), after discovering that they have a (pretend) godly relative. We will research, discuss, and unpack recurring themes in ancient myth. The class will culminate with students creating a modern reimagining of classical gods/goddesses, reflecting their own mores. Together, we will examine where we can find Ancient Mediterranean myth and culture living on in our modern society, where it serves us, and where it no longer does.



**"Camp Style Crafts" with
Jessica Kaskel; Pre-K 4 -
Grade 8; T/TH, 1-2pm**

We will be creating arts and crafts projects, typically learned during camp, that include working with clay, textiles, paper, and recycled materials. Some projects will include scissors, glue, water, or use of an oven and will need adult supervision for younger participants. There will be choices for each project to accommodate different levels.



**"Algebra for Physics" with
Jenn Overton; Grades 8-12;
M/W/F; 11am-12pm**

This course is designed for students who want to practice the algebra skills needed for any high school level Physics course. Skills such as solving linear and quadratic equations, solving a system of equations algebraically, relationship between variables within an equation, writing the equation of a line and calculating and interpreting slope of a line, metric units and factor label method of unit conversion will all be examined and reviewed.



**"World War II: A Global
History" with Marc
Goodwin; Grades 8-12;
M/W/F; 10-11am**

This course provides an historical introduction to the Second World War (1939-1945)—a series of destructive conflicts that linked much of the globe, claimed the lives of nearly 100 million people, and profoundly reshaped geopolitics up until our present age. The class will begin by discussing the precursors to war—the rise of European fascism, German militarization, and Japanese imperial expansion—continue with an exposition of the war itself as a series of unfolding events (with a particular focus on the European and Pacific theaters of war), and conclude with a brief discussion of decolonization, Cold War, and the atomic age.



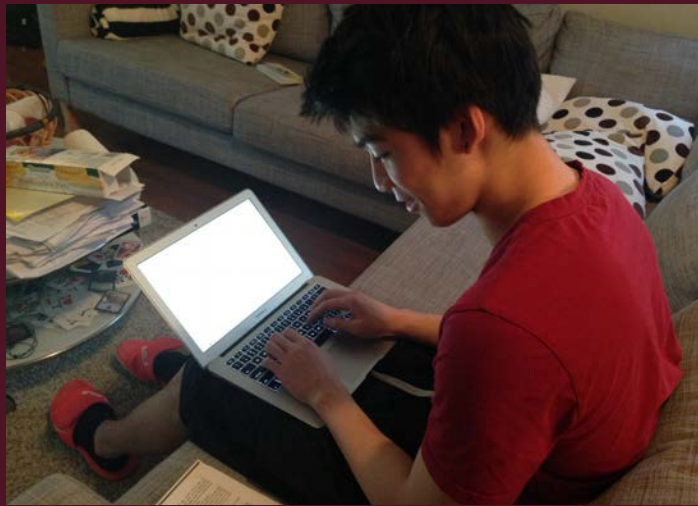
**"Introduction to Social
Psychology" with Emma
Master'15; Grades 7-12:
T/TH; 10:30am-12pm**

An introduction to the study of human behavior: how do we think, feel, and act, and why? We will explore topics like personality, happiness, culture, social influence, emotion, and mental illness through a variety of mediums, such as research studies, short stories, videos, articles, and practice with hands on social experiments. Students will study human behavior from a scientific and a humanistic lens, as well as get personal insights into their own behavior and motivation.

UPPER SCHOOL COURSES

"Creative Writing with Muggles and Wizards" with Tina Santino, Gr. 9-12, T/TH, 10:30am-12pm

In this introduction to creative writing, we will use Harry Potter and the Sorcerer's Stone, as a template to spark our magic! By exploring excerpts from Joseph Campbell's The Hero's Journey and exercises from Lisa Cron's Story Genius (all of which will be provided), you will learn how to construct and create a complete tale from beginning to end. Whether you want to learn how to write a short story for fun or a novel to become an author, this class will help guide that journey. Like Harry and his friends, we will see what spells we can conjure up as our adventure unfolds.



"Can Writing Change the World?" with Joseph Smith, Gr. 7-10, M/W/F, 10-11am

From short stories and poetry to magazine articles and social media posts, writing serves as a way for people to connect and express ideas. In this course, we will discuss how different pieces of writing have created impacts in social justice spheres for women, people of color, members of the LGBTQ+ community, and people with disabilities. We will utilize group discussion, various writing prompts, and self-reflection to challenge our prior knowledge about these topics and develop our auditory, oratory, and written expression for both clarity and validity in argument.

"Introduction to Linear Algebra" with Ying Yu; Grades 10-12; M/W/F, 2-3pm

This course is an introduction to the basic ideas and computational techniques of Linear Algebra which intended

to cover the linear equations and matrices, the basic matrix operation and matrix algebra, solving linear systems

using matrices, determinants, and elementary vector spaces.

Linear Algebra is both an important branch of pure mathematics as well as a fundamental component of many important mathematical applications, spanning the fields of finance, cryptography, stochastic processes, web search, and image processing. Students will understand the basic concepts of Linear Algebra so as to prepare for a college level Linear Algebra course.

**"ACT Prep Course" with
Ying Yu; Grades 10-11;
T/TH; 2-3:30pm**

This course is intended to cover most of topics that are on the ACT test. Topics may include basic fraction operations, percent increase and percent decrease, basic statistics, working with inequalities, rational vs. irrational numbers, geometric and arithmetic sequences, operations with polynomials, factoring polynomials, quadratic equations and inequalities, simplifying radicals, using variables to express functional relationships, complex numbers, and basic trigonometry. The aim of the course is to help students learn the best strategies, test-taking skills, and needed content to maximize their potential scores on these tests and prepare them for college.

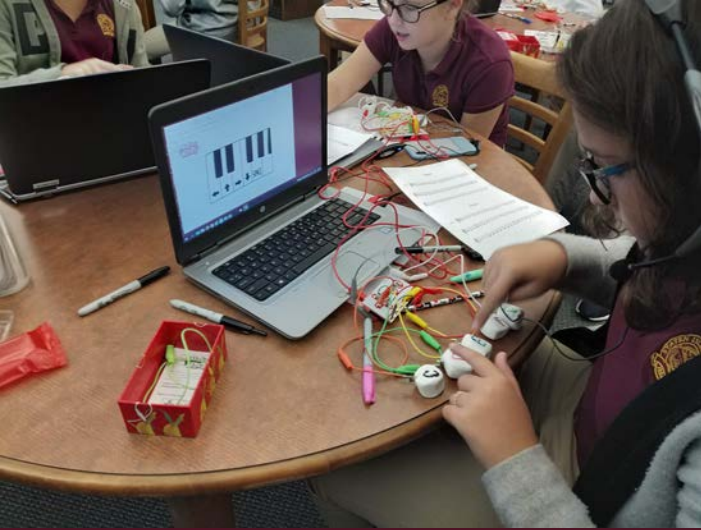


**"Trigonometry" with Ying
Yu; Grades 9-12; T/TH;
3:30-5pm**

This course is intended to introduce the six trigonometric functions for key angles measured in both degrees and radians, graph all six trigonometric functions and their transformations, use the basic trigonometric identities to verify other trigonometric identities, solve trigonometric equations, and use the concepts of trigonometry to solve applied problems.

**"SAT Prep Course" with
Ying Yu; Grades 10-11;
T/TH; 12:30-2pm**

This course is intended to cover most of the topics that are covered on the SAT test. Topics may include solving systems of linear equations and their applications, structure of expressions and operations with rational expressions, operations with polynomials and polynomial factors and graphs, solving quadratic equations and quadratic expressions, radical and rational exponents, complex numbers, center, spread and shape of distribution, circle theorem and circle equations. The aim of the course is to help students learn the best strategies, test-taking skills, and needed content to maximize their potential scores on these tests and prepare them for college.



"Wave Motion" with Jen Overton; Grades 9-12; M/W/F, 10am-11pm

This course is for students interested in learning about the world of mechanical and electromagnetic waves. The physics of sound waves, waves on a string and light waves will be examined. There will be lessons, phet simulations, interactive activities and problem solving. The problem solving skills utilized will reinforce skills taught in algebra. Prior physics knowledge is not needed but a successful completion of algebra is required.

"World War II: A Global History" with Marc Goodwin; Grades 8-12; M/W/F; 10-11am

This course provides an historical introduction to the Second World War (1939-1945)—a series of destructive conflicts that linked much of the globe, claimed the lives of nearly 100 million people, and profoundly reshaped geopolitics up until our present age. The class will begin by discussing the precursors to war—the rise of European fascism, German militarization, and Japanese imperial expansion—continue with an exposition of the war itself as a series of unfolding events (with a particular focus on the European and Pacific theaters of war), and conclude with a brief discussion of decolonization, Cold War, and the atomic age.

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By gaining a basic familiarity of the causes, courses, and consequences of the war, students will come to possess the cultural literacy required for both the appreciation of, and participation in, ongoing discussions about WWII and its legacy.



"Masters of the Latin American Short Story" with Carmen Vicente-Quesada; Grades 9-12; T/TH; 1-2pm

Summer is the perfect time to do some reading for pleasure! In this course we will read and discuss short stories by canonic Latin American authors, around the themes of human dignity, socio-political criticism, fantasy and imagination, and the illusory character of reality. Intrigued? Join me in this reading adventure!



"History of Photography" with Antonia Young; T/TH; 10-11:30am

This class examines the role and history of photography, from the invention of the camera in the 1830s to the present day. It looks not only at the evolving technology of photography through time, but also explores themes and trends in photography. It traces a narrative from photography's scientific origins to the development of its complex relationship to painting, portraiture, urban life, anthropology, war, travel, industry, advertising, and fashion. Through a chronological survey of well-known photographers and photography movements, students also practice visual analysis of images.



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Grades 6-12; M/W/F; 2:15-
3:15pm**

Participants of this course (any rising 6th grader or student in grades 6-12) will have a Percy Jackson-esque experience (minus the Minotaur attack and mad dash to camp), after discovering that they have a (pretend) godly relative. We will research, discuss, and unpack recurring themes in ancient myth. The class will culminate with students creating a modern reimagining of classical gods/goddesses, reflecting their own mores. Together, we will examine where we can find Ancient Mediterranean myth and culture living on in our modern society, where it serves us, and where it no longer does.



**"Around the World in 10
Plates" with Claire
Crane'15; Grades 7-12;
T/TH; 12-1:30pm**

In this course, we will make (and eat!) dishes from around the globe. With each destination, we will learn about the people that live, cook, and eat there, in addition to sampling some delicious new recipes. Students do not have to have prior cooking experience, but should be comfortable using a stove and knife. A list of ingredients will be provided days before class, but cost of ingredients is not included. Please provide information about food sensitivities or allergies upon registration.

"Introduction to Social Psychology" with Emma Master'15; Grades 7-12: T/TH; 10:30am-12pm

An introduction to the study of human behavior: how do we think, feel, and act, and why? We will explore topics like personality, happiness, culture, social influence, emotion, and mental illness through a variety of mediums, such as research studies, short stories, videos, articles, and practice with hands on social experiments. Students will study human behavior from a scientific and a humanistic lens, as well as get personal insights into their own behavior and motivation.



"Mandarin Basics" with Claire Maccabee; Grades 5-9; M/W/F, 10-11am

This is a fun and introductory course of Mandarin Chinese and its core basics. It introduces students to the Chinese language and the culture that produces it. Through this course, students gain basic listening, speaking, reading, writing, skills in Mandarin. By the end of this course, students will be able use sentences and phrases to handle basic communicative situations, such as greetings, introducing basic personal information, etc. In addition to learning the language, students are also introduced to some important and interesting Chinese cultural products, practices, and perspectives.



"Was George Washington Great?" with Sam Adler'08; Grades 7-12; M/W/F; 1-2pm

There have been many people throughout history who have been considered "Great", but what does it mean to be "Great" and do these people really qualify? In this course, we will work to define what is greatness and who deserves that title by examining several figures in American History.

"Introduction to Coding" with Alex Voutsinas'15; Grades 8-12; T/TH; 1-2:30pm

The class will go through very basic Java coding projects at the students' own paces and give them the opportunity to make mistakes and asks questions in this new learning experience (by experience I mean learning to code). The class will also cover information about technology and computer occupations and paths to take in the future. At first, coding is a very hard subject to swallow, it requires students to develop a new way of thinking and approaching problems. This class will provide a welcoming and understanding environment so students can ask questions. After taking this class, a student will be able to keep up with the face paced environment of a future coding class because they will have their basic questions answered, adjusted to the new learning techniques, and learn a valuable new skill.

"Memorable Dates in Sports History" with Mike Mazella'90; Grades 5-9; M/W/F; 11am-12pm

This course will examine fifteen of the most important dates in sports history as we look at the figures, teams, and circumstances that made each of these events so significant. From performances that shattered records to others that helped shape a sport's history, or even history itself, if you consider yourself a sports fan, you need to know the stories behind these unforgettable athletic moments.



"Introduction to 2D Animation" with Alex Voutsinas'15; Grades 7-12; M/W/F; 12-1pm

This class will be an introduction to 2D hand drawn animation with projects and brief animation history lessons. Each week, students will learn principles of animation used by experienced Disney animators and apply them to projects. The projects will include a bouncing ball, a walk cycle, and facial expressions. Any new software the students need to download will be free, and instruction will be given on how to use this software to edit their projects. If a student does not have access to drawing on the computer, they can also draw on paper and take pictures on their phones. Students will also be introduced to animation's origins by learning about animation history and watching classic short animated films.

"The Importance of Healthy Living" with Chelsea Ambrosino'09; Grades 5-12; T/TH; 9-10:30am

The importance of living a healthy lifestyle has both short and long term health benefits. Regular exercise and physical activity promotes strong muscles and bones. It improves respiratory, cardiovascular health, and overall health. Along with regular exercise and physical activity, nutrition is important as well. The specific nutritional choices you can make are crucial. Good nutrition is essential to good overall health. Throughout this summer course, students will learn exercises to keep them physically active as well as nutritional information to help them make better choices when it comes to eating habits. Throughout the summer, students will also be creating healthy meal plans and exercises to show their understanding of the topic.

"Thinking Mathematically" with Ying Yu; Grades 9-12; M/W/F; 1-2pm

This course is intended to introduce various applications of mathematics for students who have not demonstrated strong mathematical logic skills. Topics may include: Problem solving and critical thinking, set theory, logic, number representation and calculation, number theory and the real number system. This course will help students acquire knowledge of fundamental mathematics and enable students to develop problem-solving skills, while fostering critical thinking and understanding of the quantitative issues and mathematical ideas they are likely to encounter in their college career and life.

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