

*Please review the Fall 2020 Class Schedule for age ranges of individual classes.*

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### **44 & MORE: EXPLORING EUROPE** (Kimber) (8+) *Geography, World Cultures, Art*

#### **ONLINE ONLY**

From Iceland to Greece and everywhere in between, students will journey through the many exciting countries of Europe, experiencing the daily life and culture of this amazing and richly diverse part of the world. While looking at the similarities and differences, students will explore fun facts and interesting art, music, food, traditions and history from many of these countries. Through fun activities and cool, creative projects, students will discover that although they are so close to each other, each of Europe's countries has its own distinctive forms of crafts, languages, political views, religions, holidays and celebrations. Did you know... that an entire town in Spain has a yearly tomato throwing fight? Or that there are more than 200 languages spoken throughout Europe and that most people can speak 2 -3 languages fluently? Students will also examine maps and globe and discover where these interesting countries are, as well as important cities, landmarks and geographical features. I can't wait to see what else we discover! Using paints, pen, ink, clay and other sculpture materials, art projects include creating Venetian Carnival masks, Russian Matryoshka dolls, Swedish Dala Hest horses, Scandinavian trolls, a landmark sculpture project and so much more. Let the European adventure begin!

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### **ABSTRACT ART** (Tommy) (5+) *Art*

#### **ONLINE ONLY**

**Abstract art** is **art** that does not attempt to represent an accurate depiction of a visual reality but instead use shapes, colors, forms and marks to achieve its effect. I will show how cool this can be, starting with a simple still life working our way to finding our own style of ABSTRACT ART. In this class you will be challenged to let yourself go: no borders, no boundaries, just the freedom to create and explore your very own ideas and visions.

Our materials can be whatever you want and as different as the paintings themselves. We will still start in our journals and we can start with even an object in step one, and make that object abstract. While we will study some of the great Abstract Artists of this century, anything goes. All you need is some creative imagination and some simple art supplies. Remember, in art, there is no such thing as a mistake.

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### **ALGEBRA** (Semester 1 of 2) (Joe) (11+) *Math*

#### **ONLINE ONLY**

Prerequisite = Pre-algebra or equivalent

In Algebra students will really begin to discover some of the exciting things math can allow them to do. Students will begin using all the arithmetic skills they've been developing over the past few years to begin solving problems that would otherwise seem impossible. Algebra helps students develop problem-solving strategies and skills, and the ability to recognize, express and work with mathematical relationships.

*In this class we'll learn about:*

- Solving equations & inequalities
- Working with units
- Linear equations & graphs
- Forms of linear equations
- Systems of equations
- Inequalities (systems & graphs)

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- Functions
- Sequences
- Absolute value & piecewise functions
- Exponents & radicals
- Exponential growth & decay
- Quadratics: Multiplying & factoring
- Quadratic functions & equations

The two class meetings each week will be supplemented with ungraded out-of-class practice assignments. These assignments will be done online via Khan Academy. The out-of-class practice is important to student success, and although it is ungraded, the successful completion of it is required, and an essential part of the students' learning process.

Students who have taken this class will know how to solve problems!

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### **ALGEBRA 2** (Semester 1 of 2) (Joe) (12+) *Math*

**ONLINE ONLY**

Prerequisite = Geometry

In Algebra 2, we'll revisit and build upon the concepts we began exploring in Algebra 1. We'll be introduced to new concepts like logarithms and complex numbers. I'm looking forward to this class, I think we'll have a lot of fun.

*In this class we'll learn about:*

- Polynomial arithmetic
- Complex numbers
- Polynomial factorization
- Polynomial division
- Polynomial graphs
- Rational exponents and radicals
- Exponential models
- Logarithms
- Transformations of functions
- Equations with rational expressions and roots
- Trigonometry
- Modeling with functions
- Rational functions

Students who have taken this class will be better problem solvers!

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### **AROUND THE WORLD IN ARTY DAYS** (Kimber) (8+) *Art, Geography, World Cultures*

**ONLINE AND IN PERSON**

Ready to take an amazing art journey? While exploring geography and "traveling" through different countries and around the world, students will also explore many different kinds of art and cultural crafts. Through exciting projects, fun stories and visual examples, students will discover that these expressions of creativity from each

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country are as different as the people themselves. Art can be used as an expression of self- as well as an expression of a country's personality, beliefs, values and cultural identity. We will explore different art materials used in different countries including paints, inks, dyes, papers, textiles and clays. Students will then create beautiful projects like Moroccan mosaics, Japanese Kokeshi dolls, Nigerian Yoruba Adire Eleko cloth art, Mexican Amate bark painting, Turkish ebru paper, Hamsa hands- and a variety of fabulous folk art from around the world.

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**ART AND SCIENCE: LIVING ORGANISMS** (Kimber) (5-7) *Art, Science***IN PERSON ONLY**

What do beakers, shredders, mixers, hair dryers and blenders have to do with art? Students will experiment, explore and then create different forms of art materials- including hand-made clay, paint plaster, sculpture carving plaster, watercolors, oil pastels and crayons. Students will also experiment with a variety of different combinations, layering and art effects using a variety of items like oils and other additives on acrylic paints, salt granules on drying watercolors, melted wax on canvas or shredded plastic in glue.

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**ART EXPLORATION, ATTITUDES AND EXPRESSIONS** (Kimber) (9+) *Art, Self-Expression and Exploration***ONLINE ONLY**

Imagine if you could play with a variety of art materials and use them to really show who you are! Students in this fun, experimental class will be introduced to a plethora of art mediums, experiment with creative tools and techniques and experience artistic rites of passage. Through painting, graffiti, collage, ripped and mixed media, and photo transfer creations, students will go on a journey of self awareness and expression. Students will explore the role of art in self discovery, both inside and out- and gain insight into their own identity- and then create self portraits and visual expressions of who they are, how they feel, what their growing strengths are, what they value and who they want to become. It's a rare opportunity to explore and experience growth and courage in the creative process- and really express yourself. "Art enables us to find ourselves and lose ourselves at the same time" (Thomas Merton).

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**AUTHORS AS MENTORS** (Jessie) (5-8) *Literacy***ONLINE AND IN PERSON**

Mo Williams, Carole Boston Weatherford, Peter Brown, Cythia Rylant and many more outstanding Authors will lead us on a literary adventure this semester! Throughout this class, we will be inspired by various literary techniques such as speech bubbles, descriptive language, diary-style writing, poetic forms, historical memoirs and more. Each class, students will hear, analyze and discuss my favorite books and then students will put their writing skills to work as they try their hand at writing stories in these diverse styles! As we work, students will be gently coached in making their writing easier to read through following grammatical conventions such as punctuation, capitalization, word family spelling patterns, and more! This class will inspire young writers to reach for the stars as we learn from literary supernovas!

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**BIOETHICS: DEVELOPING A STAND** (Josh) (11+) *Science, Speech/Debate***ONLINE AND IN PERSON**

Can we? Should we? Throughout the history of mankind, humanity has discovered different ways of altering nature to fit ourselves and our species - but is it right? In this class, we will explore biological ethical concepts such as gene splicing, cloning, euthanasia, zoo's, and more! Students will research these topics and will be encouraged to find their own voice as we engage in respectful debate and the exchange of ideas!

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**BIOLOGY: HOMEOSTASIS AND CYCLES** (Linda) (8+) *Science***ONLINE AND IN PERSON**

Life hangs in a careful, somewhat precarious, ever changing balance. This balance is maintained through a myriad of cycles and interactions. None of us exist in a vacuum. We are part of an interconnected web of life. The elements of the Earth itself participate in this cyclic dance. We will seek to gain a deeper understanding of many of these cycles, levels of homeostasis, and intricate relationships between living things and their environment through scientific experiments, games, and art. We will endeavour to understand our place in the natural world and our impact on it.

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**BIOMES OF ASIA** (Linda) (5+) *Science, Geography, Art***ONLINE AND IN PERSON**

Asia is the largest of the continents and contains some of the most beautiful and diverse ecosystems on the planet. The tundra of Siberia, the steppes of Mongolia, the dizzying alpine heights of the Himalayas, and the lush jungles of the Indonesian rainforests are just some of the exotic places we will explore. Kids will create their own board game that will take them, as well as their friends and family, on an adventure to meet marmots, pangolins, orangutans, yaks, and giant pandas.

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**BODY CONDITIONING** (Bonnie) (11+) *Physical Education***ONLINE ONLY**

Our bodies need to be strong and keep strong now more than ever. Join Coach Bonnie for her no holds barred full body weekly workout sessions. Exercise yourself safely and efficiently to a super sense of accomplishment and mental clarity. Total sweat therapy. You'll be glad you did.

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**BON APPETIT W/ BONNIE: HEALTHY SNACKS AND APPETIZERS** (Bonnie) (8+) *Practical Life Skills***ONLINE ONLY**

It's totally time for kitchen independence. We know those growing bodies are hunnn-gry. Meet Bonnie from her kitchen to yours as we whip up tasty, fun, and (surprisingly) healthy snacks in no time. In addition, learn short-cuts for how to wow a crowd using just your basic pantry and staple fridge items. Together, we will turn snack time into an event!

Kitchen hygiene, safety, organizational tips, food budgeting, and the all important clean-up will be a part of each and every class. A Simple ingredients' list will be provided a week ahead.

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**BOOK EXPLORERS: PERCY JACKSON AND THE WONDERFUL WORLD OF MYTHOLOGY** (Liz) (8+)

*Social Studies, Literature*

**ONLINE AND IN PERSON**

The world of Percy Jackson is an awesome gateway into many different mythological traditions. In this class we will study Greek, Norse, and Egyptian mythology. And because the World of Percy Jackson focuses on heroes we will look at the Hero's journey and how the different heroes from these series act out the cycle. Students will also select their own set of myths to recreate as modern stories.

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### **THE BOOK OF BOY: MEDIEVAL FANTASY, HISTORY AND ART** (Kimber) (8+) *Literacy, History, Self-Exploration, Art* *ONLINE ONLY*

A mysterious boy who can talk to animals, knights, religious relics, bandits, ghosts and thieves...Students in this fascinating class will dive into *The Book of Boy*, an action-packed medieval tale by Catherine Gilbert Murdock, and winner of many awards, including Newberry. This rich adventure story, a blend of historical fiction and magical fantasy, centers around a treasure hunt across Europe, just several years after the end of The Plague. Students will explore the art, history and the daily life of people during the Middle Ages, from the Fall of Rome to the beginnings of recovery. While listening to this epic quest, we will create woodcut prints, dragon and mythical creature drawings, heraldry designs, illuminated manuscript and stained glass art, and other cool period-inspired pieces. Through interesting projects and conversations, we will also delve into the juicy themes of being different, kindness, good vs. evil, right versus wrong, and all the areas in between. Let the adventure begin!

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### **BRAIN GAMES** (Nathan) (5-10) *Science, Math, Geography, Current Events, Language Arts* *IN PERSON ONLY*

Welcome to Brain Games! This class is built for a good time! Students will forget they are learning while soaking up knowledge and connecting with classmates! We will be playing a vast array of games that stimulate critical thinking, general knowledge, and teamwork, cooperation, and sportsmanship. Some of our games will include trivia and super cool challenges, board games and decks of cards, and soooo many others! Who says learning can't be fun?

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### **CAPOEIRA** (Mestre Batata) (8-10) *Martial Arts* *IN PERSON ONLY*

Capoeira is an Afro-Brazilian martial art that incorporates self-defense, music, dance, and acrobatics. Practicing Capoeira builds strength, coordination, flexibility, and self-confidence, and children of all ages quickly learn Capoeira given their natural agility. Mestre Batata has been teaching Capoeira to children and teens for over 30 years and has been teaching in Los Angeles since 2002.

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### **CELEBRATING AFRICAN AMERICANS THROUGHOUT HISTORY** (Bonnie) (8+) *History* *ONLINE ONLY*

A Virtual Living History Experience! Each week, meet an important, often not commonly known, Black American, whose contributions gave a push to this country. The teacher will magically appear as that person and walk through their lives, accepting questions and leading activities along the way. The Google Classroom will include helpful book and documentary lists. Family further researching of each person is encouraged!

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### **CHESS CLUB** (Josh) (8+) *Strategy & Critical Analysis* *ONLINE AND IN PERSON*

Played by everyone from nobility to peasants for over a thousand years, chess is a game of strategy with a fascinating history. In this class, students will hone in on the more advanced nuances of the game. We'll examine various opening strategies, as well as powerful end game moves. We'll study board control and piece management. Chess is a game with many layers and endless ways to improve, always giving us something to work on while having a lot of fun!

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### **CONTINENTAL DRIFT** (Nathan) (8+) *Geography, Earth Science*

#### **ONLINE ONLY**

Let's take on the continents! Our students will investigate the composition, history, and future of Earth's seven continents. Students will dive underneath the land and see what forces continue to cause our continents to move and shift. We will study tectonic plates, fault lines, plate boundaries, deep sea vents and mountain ranges. Our goal is to unlock the secrets of the fragile shell on which we dwell!

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### **COVID DANCE: LINE DANCING, MACARENA AND MORE** (Angela) (5+) *Dance*

#### **IN PERSON ONLY**

Description of this class is on it's way! Please check back soon.

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### **CREATE YOUR OWN CHILDREN'S BOOK** (Brittany) (8+) *Writing, Literacy*

#### **ONLINE ONLY**

This class gives students the opportunity to write and illustrate their own children's book. We will explore the genre of picture books and discuss the elements that make this type of book shine. Students will engage in the creative process by brainstorming ideas, creating an outline, and then setting to work on their book. Students will also have the opportunity to share throughout the process if they'd like to.

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### **CURRENT EVENTS** (Joe) (11+) *History, Social Studies, General Knowledge*

#### **IN PERSON ONLY**

What's Happening?! In this class, we'll find out what's going on in the world from week to week. We'll read about and discuss current events. For each class meeting, students will have the opportunity to share a news article - from a newspaper or online - that they've found during the previous week. We'll read it together in class and discuss relevant concepts and vocabulary that might be new or unfamiliar to some students. We'll also focus on Internet source verification and validation, civics, government/politics, geography, the environment, and the development of vocabulary and general knowledge.

There's always something interesting going on! We'll never know what to expect from week to week, except we can always count on there being something fascinating to discover! Come join us and find out what's up!

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### **DEEP DIVERS MATH** (Semester 1 of 2) (Joe) (9+) *Math*

#### **ONLINE ONLY**

Prerequisite = Math Mavericks or equivalent

This class is for upper-elementary students who want to make sure they're 100% complete on all grade-appropriate educational standards. This class will serve to prepare students for our Pre-algebra course. Deep Divers focuses on 5th and 6th grade math topics. In this class students will be honing and refining their basic arithmetic skills, with special emphasis on multi-digit multiplication, long division, fractions and decimals. We'll be introduced to exponents, percentages, roots, and other upper-elementary topics.

This is a two-semester multi-level class. That means that it begins in the Fall semester and continues the second semester, picking up from where we leave off at the end of first semester. Because it covers two conventional school years of material, many students will want to take this class twice. The advantage to this type of approach is that the material is presented during the first year and then reinforced the second year. It also gives students an

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opportunity to experience the class as both a novice, learning with more advanced students, and as a mentor, learning with and helping less advanced students. The general outline of the class is that 5th grade topics are covered first semester and 6th grade topics are covered second semester.

Following the successful completion of this class, students will be prepared to begin Pre-algebra.

Deep-diver Math could also be appropriate for students who wish to supplement their Pre-algebra or Algebra class with foundational review.

Students who have taken this class will believe that math can be fun!

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### **A DEEPER UNDERSTANDING OF ANIMALS** (Brittany) (8+) *Research, Science*

#### **ONLINE AND IN PERSON**

This class will delve into the fascinating and remarkable lives of animals. Together we will discover who animals are by learning about their emotions, abilities, communications, and surprising facts about animal behavior. With a blend of science, exploration, and observation, we will embark on a journey in which we will recognize and understand our connection to animals, with the goal of deepening that connection. Did you know that elephants use their trunks to send subsonic signals altering other herds to danger miles away? Did you know that geese stay with the same partner for life? Have you ever watched an animal rescue a human or another animal? We have a lot to learn from animals!

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### **DIGITAL ART** (Digital Dragon) (11+) *Technology, Art*

#### **ONLINE ONLY**

This class requires a PC, Mac or Chromebook.

Students will be introduced to art and technology by using color, digital stamps, word art, and creating animated .GIFS. Students will leave with an understanding of digital design tools as a powerful platform for a wide variety of visual goals. Additional instructions for logging in will be sent after registration.

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### **DIVINE LITERARY ANALYSIS** (Bonnie) (12+) *Writing*

#### **ONLINE ONLY**

For those who love the essay writing process and are passionate about puzzling through editing. Literary Analysis is the genre of essay writing that requires writers to unwrap the meaning, characters' motivations, and writers' intentions of a text. They have to trust themselves and be willing to carry out their interpretations of the subjective. Writers who come aboard must be ready to commit to reading and writing outside of class and truly desire their writing to evolve. Weekly class readings will require annotation and thoughtful discussion.

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### **DIVINE LITERARY ANALYSIS** (Bonnie) (9-11) *Writing*

#### **ONLINE ONLY**

Young writers will be introduced to the often intimidating genre of Literary Analysis. No worries, though. We will look for the theme inside of age appropriate texts and practice backing up our assertions with textual evidence. Paraphrasing skills will improve, as well as stimulating paragraph development. Writers should expect 2 hours of outside of class homework to guarantee improvement.

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### **DUNGEONS AND DRAGONS** (Josh) (9+) *Creative Arts*

#### **ONLINE AND IN PERSON**

Embark on an epic adventure to save the princess!.. or find treasures of untold value... or maybe just become the ruler of the world. Dungeons & Dragons is a team-oriented role-playing game where students get to explore their individuality and creativity. We will take on alternative personas and work together to overcome challenges with a combination of strategy, teamwork, and imagination. On top of all that, we will get to work on our acting & writing skills while having a whole bunch of fun.

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### **EGGHEAD ASTRONAUTS** (Professor Egghead) (8-10) *Science*

#### **ONLINE ONLY**

Blast off this session with the Egghead Astronaut Crew as we explore the far reaches of our universe. Students will set off rockets, make huge chemical reactions, make lava slime, look for life and rocks on other planets, recycle water in space, and make out of this world volcanoes on their way to becoming astronauts! The best part? They get to take home their experiment every week! At the end of the session, students will receive their own Egghead Astronaut Degree.

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### **EGGHEAD ENGINEERING: SUPER STRUCTURES w/ LEGO** (Professor Egghead) (5-10) *Science*

#### **IN PERSON ONLY**

Come join the Egghead Engineering Team this session as we design and build huge structures! Using LEGO™ students will build mega bridges that can withstand over 4 lbs. of weight, 4 foot tall skyscrapers, awesome lighthouses, and tons more. Then, we'll try to knock em down, crush them, and put them to the test! At the end of the session, students will receive an Egghead Engineering Super Structures Degree proving they're ready to build anything they can dream up!

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### **THE ELEMENTS GAME** (Joe) (8+) *Science*

#### **ONLINE AND IN PERSON**

This class explores the periodic table, its history, its groupings, periods, and blocks, atomic structure, and the characteristics of individual chemical elements. We do this through a board game, that involves matching the chemical elements with their symbols, atomic numbers and position on the periodic table, and then answering questions about their history, characteristics, and practical uses. It's a lot of fun! Students are encouraged to do follow-up research on topics that specifically interest them. This game can be played in the classroom, or online, so students can practice at home, and it is readily compatible with a remote learning environment if need be.

Students who have taken this class will understand what atoms, elements and compounds are, what the periodic table is, and be familiar with most - if not all - 118 currently identified chemical elements. Plus, they'll know the answer to a recent Who Wants to be a Millionaire? million dollar question.

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### **ENGINEERS AND ARCHITECTS: GIZMOS AND GADGETS** (Linda) (8+) *STEAM*

#### **ONLINE AND IN PERSON**

Kids will transform simple recycled materials into toys, gizmos, gadgets, and fantastic contraptions AND learn *why* they work. With a little knowledge of simple machines, the engineering design process, and a lot of persistence we will create things that climb, spin fly, bounce, balance and delight.

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**EXPRESS YOURSELF! YOUNG WRITERS WORKSHOP** (Jessie or Shirley) (5-7) *Literacy, Writing***IN PERSON ONLY**

To support our study of *Self* while we reflect on our experiences over the past year, our youngest writers will learn to capture their fondest memories in pictures and words. Students will go from mark making to storytelling as they learn to think like authors who see life's everyday moments as reasons to pick up a pencil. Our youngest writers will explore the writing process: gathering ideas from our lives, getting our thoughts on the page, stretching our stories long and strong, making our writing readable and sharing our personal stories with the special people in our world. Word study sessions will encourage writers to use their brave spelling as we gain a command of sound patterns and sight words. We will grow our library while exploring the glorious connection between reading, writing and communicating.

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**FANCY CROCHETERS, SEWERS AND EMBROIDERERS** (Kara) (8+) *Art, Life Skills***IN PERSON ONLY**

Start with an idea, thread, needle and let's go! Join a circle of fun as we learn the basics of threading needles, selecting string lengths, knotting, and types of stitches. We will learn different crocheting techniques, and how to embroider by hand! Students are welcome to bring their own ideas and work at their own pace.

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**FANTASTIC BEASTS: FANTASY ART** (Linda) (8+) *Art, Social Studies***ONLINE AND IN PERSON**

Why do we invent monsters? Mythological beasts come in all sizes and forms. They pervade every culture from every corner of the planet. Some, like the dragon, are common to many cultures. They range from benevolent, or merely mischievous, to the malevolent and human devouring monsters of our nightmares. We will discover the stories of fantastic beasts from many cultures and create our own works of art inspired by these creatures from the common human consciousness.

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**GAME CLUB** (Josh) (11+) *Strategy & Games***IN PERSON ONLY**

Strategy is at the heart of every decision we make, so why not be a tactician!?! This class will engage students in a variety of strategic card & board games, allowing them to hone their ability to critically analyze all different kinds of situations and make tactful decisions. Students will learn lessons from Sun Tzu's "The Art of War," which will serve as a backdrop for all of our strategic decisions. From reading our opponents in Poker to dominating the world in Risk, there is an abundance of skills to explore.

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**GEOMETRY** (Semester 1 of 2) (Joe) (12+) *Math***ONLINE ONLY**

Prerequisite = Algebra 1

Now that we've learned a little algebra, we can begin exploring some of the other amazing things Math can do. In Geometry we'll learn about lines and shapes and angles and their properties and relationships. We'll discover conjectures and learn about logic and proof. Students will learn about angle measurements, properties of parallel lines, triangles, circles and other polygons. Students will learn about similarity and congruence. Students will gain experience in graphing and working with the coordinate plane. We'll practice thinking and figuring analytically and

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look for ways to tie words and numbers and shapes and symbols together to describe concepts that are otherwise difficult to imagine, discovering along the way the power, and glimpsing the potential of symbolic language.

The two class meetings each week will be supplemented with ungraded out-of-class practice assignments. These assignments will be done online via Khan Academy. The out-of-class practice is important to student success, and although it is ungraded, the successful completion of it is required, and an essential part of the students' learning process.

*In this class we'll learn about:*

- Transformations
- Congruence
- Similarity
- Right triangles & trigonometry
- Solid geometry
- Analytic geometry
- Circles

Students who have taken this class will be more logical!

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### **GLICH HOUR** (Shirley) (11+) *Independent Study*

**IN PERSON ONLY**

GLICH - General Learning Independent Curriculum Hour

This class provides support for kids who are working on individualized homework. Whether they are working on online programs such as Khan Academy, a store-bought math workbook, an English paper, or other topics. I will be there for you to help with material you don't fully understand, Glitch hour will help develop skills and confidence!

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### **GOJU RYU KARATE** (Sensei Mallica) (5+) *Physical Education*

**ONLINE ONLY**

Discipline, attentiveness, and fun are our goals! Your child will practice exercises that will develop physical strength, agility, and mental capacity – through running, jumping, and playing. Karate promotes healthy physical and mental activities for your child, and is fun because they are learning through play and discipline.

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### **HAPPY HORTICULTURE** (Kara) (5-7) *Environmental Science, Business Science, Life Skills*

**ONLINE AND IN PERSON**

Fruits, vines, and pretty things, oh my! This class will dive deep into the science of Horticulture! Let's get our hands dirty and design succulent gardens and learn the different uses of popular plants! Let's learn how fruits and vegetables are farmed, processed, and sold! At the end of the semester, each student will have created their own mini plant design business!

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### **HIKERS CLUB - ADVENTURERS** (Nathan & Shirley) (8+) *Nature, Science, Physical Education*

**THIS CLASS TAKES PLACE OFF CAMPUS / IN PERSON ONLY**

In this class we will explore some of southern California's most beautiful landscapes!. We will experience our rich

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natural surroundings both in and out of the city. We will hike, climb, swim, investigate, explore, and challenge ourselves to learn about the history, geological diversity, and abundant flora and fauna right around our community!

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**HISTORY GAME: 20TH CENTURY NEW AND IMPROVED** (Joe) (8+) *History, Social Studies***ONLINE AND IN PERSON**

The History Game gives students an opportunity to learn about important people, events and historical trends through gameplay. The game revolves around a collection of date/event memory cards - students can acquire cards by accurately connecting the date and event. Once a card is acquired, the student will have opportunities to score points by asking other students questions about the card's topic. In addition to the "date cards," students will answer questions from "wild cards," which will quiz them on more in-depth historical knowledge. A lot of the learning happens in-between questions, when supplemental explanation and clarification occurs. Students are encouraged to do follow-up research on topics that specifically interest them. This game can be played in the classroom, or online, so students can practice at home, and it is readily compatible with a remote learning environment if need be.

This semester we'll be looking at 20th century World History. Students who have taken this class will have a much better understanding of how we got to where we are!

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**HISTORY OF SPACEFLIGHT WITH KERBAL SPACE PROGRAM** (Digital Dragon) (11+) *Technology***ONLINE ONLY**

This class requires a PC or Mac (Chromebook or iPad will not work)

Purchase of a Kerbal Space Program license for \$15 from Kerbal is required for this class

Build virtual rockets and put satellites in simulated orbit. Students will use Kerbal Space Program, a space flight simulator where players control an aerospace program and build and fly spacecraft in a realistic physics simulation. Learn the history of humanity's attempt to explore the universe beyond Earth while also investigating its potential future. Build virtual multiple stage rockets, lunar landers, satellites, and wrangle gravity, orbital mechanics, and the laws of physics themselves in this exciting and inspiring course.

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**HISTORY OF VOTING** (Liz) (10+) *Social Studies, Writing***ONLINE ONLY**

One citizen, one vote. That is how it is supposed to be, but it has not always been that way. Voting rights have been evolving since we became a country. Women, African Americans, and Indigenous People have been on the front lines in the fight to expand voting rights. While the Constitution now gives the right to vote to every citizen (over 18) there is still a lot of work to be done to make sure that each vote counts and to make sure every citizen has the ability to vote. This class will take a look at our journey from a nation of a few voters to a nation where all citizens vote. We will create timelines, read first hand accounts and follow along with the changing landscape as we move towards the presidential election in November.

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**HOP, HULA, HOORAY** (Chie) (5-7) *Physical Education***IN PERSON ONLY**

Let's get flexible and create our own circus show! We will each choose a role and performance to showcase in a final video with music and lights and showcase jaw-dropping strength!

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**I DIGRESS: DISCUSSIONS, RESEARCH, AND CRITICAL QUESTIONS** (Bonnie) (11+) *Literacy, History, Research*  
*ONLINE ONLY*

What's in that brain of yours these days? We start with an interesting topic. Then, we just chat and research in real time, sharing the fun facts that we learn along the way. Naturally, philosophical questions will emerge, which will lead to learning to listen to each other and sit in the unknown. The Great historical Philosophers will be sorry they are missing out. Or will they (be)?

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**ILLUSTRATORS WORKSHOP** (Tommy) (8+) *Art*  
*IN PERSON ONLY*

This class will teach Beginners and beyond everything you need to know about getting started in the world of Illustration. Taking the process step by step, we will start with rough drawings, inking, choosing colors and pallets, shading, words and captions. Once we have an idea, we can then begin to start thinking not just about our subject or character but the settings and backgrounds - creating environments from the imagination and reproducing it into our setting. Create your own world, your own character and bring them to life. As a class. We will journey through each other's imaginations as we become our own unique illustrators of life.

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**IIIIITTT'S SHOWTIME! THEATER GAMES** (Shirley) (8-10) *Theater*  
*IN PERSON ONLY*

Time to have some fun by playing some theater games! We will be doing a ton of drama activities, acting, word stories, improv, stage direction games, and more. Come join me after school for some fun!

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**INDIGENOUS LIVING** (Kara) (8-10) *Culture, History, Ethnobotany, Life Skills*  
*IN PERSON ONLY*

Ever wonder how people lived before technology? How did they find food or cook it? How did they build homes or make clothes? In this class, we will learn how different indigenous cultures lived all over the world! (Hint- they used the land for everything.) We will try out different native methods of living and see how much work went into it!

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**INTRO TO SCRIPT WRITING** (Brittany) (9+) *Writing*  
*ONLINE ONLY*

In this class students will learn the basics of script writing. This will include exercises to develop ideas, such as brainstorming, character profiles, and plot charts. We will also take a look at sample scripts to get a sense of storylines, script elements, style, and format. Students will work on writing their own script during the semester.

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**JOURNEY THROUGH A BOOK: THE WAY BETWEEN** (Liz) (10+) *Literature, Writing, Social Studies*  
*ONLINE ONLY*

The Way Between: Fight or Flight...are these the only two options? Could there be a way between. When violence and war threaten to destroy the world a half-wild shepherdess named Ari Ara is chosen as the apprentie to the great warrior Shulen. Suddenly thrust into a world of swords and magic, prophecy and danger Ari Ara must master the mysterious Way Between. Will she succeed before violence destroys all she loves? Students will examine not only story structure and character development but will investigate techniques of conflict resolution and nonviolent action.

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*Please review the Fall 2020 Class Schedule for age ranges of individual classes.*

### **JOURNEYS: BLACK HISTORY - THE STORIES, THE STRUGGLES, THE FUTURE** (Bonnie) (10+) *Literacy, History, Research* **ONLINE ONLY**

Hello! Time to know how America has been built on the backs of Black People. From Southern Plantations to Voter Suppression to The Criminal Justice System to Shady Lending practices to Black struggles in Hollywood. Responsible students will educate themselves so that we can demand more of this country and of ourselves. What does Black Lives Matter mean? How about Defunding The Police? We have to break these concepts down, so we can teach others. We will take notes, watch documentaries, listen to podcasts, discuss ourselves outside of our comfort zones, and strategize ways to help end bystanderism.

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### **KICKBALL AND WIFFLEBALL** (Nathan) (8+) *Physical Education*

**THIS CLASS TAKES PLACE OFF CAMPUS / IN PERSON ONLY**

Who is the greatest left footed kickball in the history of playgrounds around the world? We are! Who can smash a 23 mile per hour wiffle ball into a million pieces and circle the bases at lightning speed? We can! Who is ready for a full semester of the greatest recess games ever created?? I am! Are you?

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### **LEARNING LAB** (5+)

**IN PERSON ONLY**

Description of this class is on it's way! Please check back soon.

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### **LIFE UNEXPLORED IN THE UNIVERSE AND BEYOND** (Josh) (9+) *Science*

**ONLINE AND IN PERSON**

For long it was believed that life could not exist without light or heat, however, deep in the ocean, we have found life that exists without either of those things. Sub-zero temperatures, absolute darkness, and yet nature finds a way. In this class, we will explore the brilliant adaptations these creatures have made to survive, as well as the conditions surrounding life. With all of this knowledge at our disposal, we will tackle what this means for potential life throughout the universe & beyond!

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### **LITERARY LEGOIANS: A FUSION OF WRITING AND LEGO CHALLENGE** (Bonnie) (7-10) *Writing, Public Presentations*

**ONLINE ONLY**

Each week, builders will show up to their screens with their piles of legos. A time sensitive task will be presented. In the middle of the task, a curveball will be thrown and the challenge will be deepened. Once time is up, they will be guided through quick attention grabbing ways to present their pieces both written and orally. They will share their final products and we will oh and ah.

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### **LIZ'S HISTORY DETECTIVES: VOICES OF PROTEST** (Liz) (8+) *Social Studies*

**ONLINE AND IN PERSON**

Throughout history change has been made by those that saw injustice and spoke up. From child labor laws, environmental protections, and equal protection under the law changes has been through the voices of those willing to speak up. In this class we will hear directly from these people, focusing on primary sources. We will read speeches, laws and first hand accounts of how these everyday citizens brought about change. From the factories in New York city to the grape fields of California we will travel through history and experience this country's legacy of protest. And of course we will look at how we might become involved in speaking up about issues we care about.

*Please review the Fall 2020 Class Schedule for age ranges of individual classes.*

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**LIZ'S RESEARCH RANGERS** (Liz) (11+) *Writing***ONLINE ONLY**

We all love to learn and we will all love to share what we have learned but what happens when it is hard to get everything straight in our heads. In this class students will gather tools so they can effectively research a topic and present about that topic to a group. Students will move from researching topics as a group to a culminating topic of their own choosing. This presentation will draw on all their tools such as note taking, visual presentations, and public speaking.

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**THE LOST ART OF LETTER WRITING** (Brittany) (8+) *Writing, Literacy***ONLINE AND IN PERSON**

This class will explore the art and history of letter writing. Letters have played a crucial role in history for a very long time. The first ever handwritten letter was thought to have been sent by the Persian Queen Atossa in around 500 BC. For hundreds of years people who wanted to get in touch with other people separated by distance had only one way to do it: they wrote letters, the first means of long-distance communication. While most of us love to receive a handwritten letter or card, few take the time to write one anymore. Due to email, texting, social media, and other technology, there isn't as much of a need to write letters nowadays, and this form of communication is often overlooked or substituted for something else. Yet letters can make an impact on people, build relationships, and change lives. Expression through letter writing also prompts us to be thoughtful about what we want to say.

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**MARINE BIOLOGY: OPEN OCEAN FROM SURFACE TO ABYSS** (Linda) (5+) *Science, Art***ONLINE AND IN PERSON**

We have explored more of the moon than we have of the oceans covering 70% of Earth. Our journey begins with the tiniest microscopic plankton floating on the sunlit surface supplying the vast majority of our oxygen we breathe. We will meet many strange creatures as we dive down through the layers until we reach the dark realm of the vampire squid and alien-like angler fish. Let your imagination take a submarine adventure into the wilds of the open ocean.

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**MASTER OF THE TABLE** (Josh) (9+) *Strategy & Critical Analysis***ONLINE ONLY**

**Deal me in!** Hit or Stand? Call or fold!? This class will engage students in a variety of strategic & fun card games like Uno, Blackjack, Poker, Spades, and more! We will discuss how to analyze the best play in any situation using mathematical & psychological principles. Not only will everyone take away some new skills from this workshop, but we will also have a great time getting together and playing some cards!

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**MATH MAVERICKS** (Semester 1 of 2) (Joe) (7-9) *Math***ONLINE ONLY**

Prerequisite = Multiplication to 10x10

Math Mavericks focuses on 3rd and 4th grade math topics. In this class students will be honing their basic arithmetic skills. We'll cover the basics of written calculation: addition (stacked), subtraction (stacked with borrowing and other strategies), multiplication (the vertical algorithm and alternatives), and long division. We'll be introduced to fractions and decimals and we'll explore other mid-elementary concepts.

*Please review the Fall 2020 Class Schedule for age ranges of individual classes.*

This is a two-semester multi-level class. That means that it begins in the Fall semester and continues the second semester, picking up from where we leave off at the end of first semester. Because it covers two conventional schoolyear's of material, most students will want to take this class twice. The advantage to this type of approach is that the material is presented during the first year and then reinforced the second year. It also gives students an opportunity to experience the class as both a novice, learning with more advanced students, and as a mentor, learning with and helping less advanced students. The general outline of the class is that 3rd grade topics are covered first semester and 4th grade topics are covered second semester.

We'll cover a certain amount of material in class each week, however students are welcome to work at their own pace. Students who want to work ahead will have access to advanced practice sheets, and students who want to review or work at a slower pace can do that as well. I'm gradually building a library of explanatory videos, so students working on non-current practice materials, will often have access to video examples and guidance.

Students who have taken this class will believe that math can be fun!

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### **MEASURING TIME AND SPACE** (Shirley) (5-7) *Math*

#### *ONLINE AND IN PERSON*

Welcome into the time and measurements. We will be measuring objects with many lengths using inches and centimeters. When learning time we will be reading the clock in minutes and hours. With that being said we will be working on project based activities when it comes to all of these aspects of math. Can't wait to be in Measuring Time and Space with you!

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### **MEGA MATH** (Shirley) (5-7) *Math*

#### *ONLINE AND IN PERSON*

Welcome to Mega Math where our focuses are on addition, subtraction, and multiplication. We will cover double digit addition, double digit subtraction, mad minute math, fraction fundamentals, shapes, graphs, place values, and more. The fun never ends and neither does the ability to problem solve by figuring out the solution. Can't wait to see you in class!

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### **MENTAL MATH** (Joe) (11+) *Math*

#### *IN PERSON ONLY*

In Mental Math, we focus on developing our analytical thinking through mental calculation, sequential problem-solving and memorization. We'll focus primarily on arithmetical operations - addition, subtraction, multiplication and division. We'll learn methods, tactics, strategies and techniques for solving multistep problems without paper. We'll practice holding numbers in our heads while we do two, three and four-step problems. We'll learn to parse problems and look for patterns to help us derive algorithmic methods of solution.

This class uses a collection of custom designed numbered game cards to help make learning fun. These cards are now available for online play and at-home practice. Check them out here:

<https://www.realmacademy.com/joe/numbercards/index.html>

Students who have taken this class will be able to think better!

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*Please review the Fall 2020 Class Schedule for age ranges of individual classes.*

### **MENTAL MATH 2** (Joe) (8+) *Math, Problem Solving*

**ONLINE ONLY**

Prerequisite = multiplication to 12 x 12

Beginning to Intermediate Multiplication - plus division and advanced Addition and Subtraction.

This class focuses on developing our analytical thinking through mental computation and memorization. We'll focus primarily on arithmetical operations - building on skills developed in Mental Math 1. We'll learn methods, tactics, and techniques for multiplication, and also learn about Squares, Factors, Division, and Fractions. We'll practice holding numbers in our heads while we do two, three and four-step problems. We'll learn to parse problems and look for patterns to help us derive algorithmic methods of solution.

This class uses a collection of custom designed numbered game cards to help make learning fun. These cards are now available for online play and at-home practice. Check them out here:

<https://www.realmacademy.com/joe/numbercards/index.html>

Students who have taken this class will be able to think better!

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### **MENTAL MATH 3** (Joe) (10+) *Math, Problem Solving*

**ONLINE ONLY**

Prerequisite = Mental Math 2, or equivalent

This one's for the all-stars. Students who have been developing their mental math skills for a few years will further develop their abilities in two and three digit multiplication and division. We'll also be working with fractions and percentages, and how to develop shortcuts and tricks of our own. We'll practice squaring numbers up to 100, and see if we can find ways to derive square roots. Each week we'll look for patterns and relationships within number sequences, and consider what insights those patterns can offer.

This class uses a collection of custom designed numbered game cards to help make learning fun. These cards are now available for online play and at-home practice. Check them out here:

<https://www.realmacademy.com/joe/numbercards/index.html>

Students who have taken this class will be able to think better!

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### **MENTAL MATH 4** (Joe) (10+) *Math*

**ONLINE ONLY**

Prerequisite = Mental Math 3, or equivalent

This one's for the super-stars. Students who have been developing their mental math skills for a significant amount of time will further develop their abilities in advanced multiplication, division, and working with fractions and

*Please review the Fall 2020 Class Schedule for age ranges of individual classes.*

percentages. Students will develop shortcuts and tricks of their own, and we'll see how far we can go. This class will move into the unknown as we develop our abilities beyond the conventional methods!

This class uses a collection of custom designed numbered game cards to help make learning fun. These cards are now available for online play and at-home practice. Check them out here:

<https://www.realmacademy.com/joe/numbercards/index.html>

Students who have taken this class will be able to think better!

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### **MENTAL MATH MASTERS** (Shirley) (5-7) *Math*

#### **IN PERSON ONLY**

Welcome to Numbers, Patterns, and Basic Math Skills. Your little ones will be learning about the symbols of addition/subtraction, shapes, problem solving, spatial skills, and more. Kids start learning math the second they come into the world. We create math the fun way, the only way.

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### **MODEL UN** (Josh) (11+) *Humanities, Speech/Debate*

#### **ONLINE AND IN PERSON**

From pandemics to human rights. Model UN provides students an opportunity to learn about diplomacy and international relations. We will roleplay as delegates that represent various countries throughout the world and attempt to tackle a variety of world issues while trying to keep the best interest of those that you represent. Students will eventually have the opportunity to create their own global issue and how to best solve the problem!

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### **MONSTERS ACADEMY: STORIES, MYTHS, AND ART** (Liz) (8-10) *Writing, Literature*

#### **ONLINE ONLY**

The world of myth and urban legend is filled with monsters, magical creatures, and enchanted objects. Together we will explore some of the most dazzling, terrifying, and sometimes comical creations. Flying from one continent to the next we will look at some of the common myths we have as well as how each country adds their own spin. And to get it all organized we will create our own monster encyclopedia.

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### **MULTIPLICATION MASTERS** (Joe) (9+) *Math*

#### **ONLINE ONLY**

There is simply no more important arithmetic skill for students to master than multiplication. Students who master multiplication thoroughly before moving forward into more advanced areas of math perform better and with greater confidence - and most importantly, they have fun doing math. Most students who struggle with fractions, decimals and algebra don't really struggle because they have trouble with the new concepts they're encountering. They struggle because their poorly developed multiplication skills slow them down and preoccupy them, making it difficult to focus on the new ideas and skills being presented to them.

This class will focus on all aspects of elementary multiplication:

- Speeding up our basic multiplication memory - knowing our multiplication facts immediately
- Using the vertical multiplication method to multiply multi-digit numbers - accurately and quickly
- Using the distribution method to understand how multiplication works

*Please review the Fall 2020 Class Schedule for age ranges of individual classes.*

- Looking at alternative methods for pencil and paper calculations
- And lots and lots of practice

This might be the most important math class your student ever takes!

Students who have taken this class will be better at math!

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### **MUSIC MANIA: SINGING, DANCING, KARAOKE AND MORE** (Shirley) (5-8) *Singing, Dance*

#### **ONLINE ONLY**

When children take part in **Music Mania**, they are allowed to have fun, be creative and dance around and burn off some energy. We will be singing, dancing, creating memories, expressing our emotions through music, and more. Come and join some after school fun!

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### **MY MINI-MEMOIRS** (Brittany) (8+) *Writing, Literacy*

#### **ONLINE ONLY**

A memoir is a personal account of a specific memory or story from one's life. This class is all about writing based on memories and personal experience. We will explore the genre of memoir and engage in creative activities to brainstorm and stimulate memories. Students will write their own mini memoirs that can be expanded on after the semester.

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### **NATIVE IN NATURE** (Kara) (5-7, 11+) *Environmental Science, Ethnobotany, Physical Activity*

#### **IN PERSON ONLY**

In this class, we will explore the wonderful, native plants of Los Angeles (which have been here longer than the actual city!) Each week we will take a walk around town and learn all about a new native plant! Did you know you can make soap from California sage? Cool, huh!

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### **NOVEL-TEA: CHILDREN OF BLOOD AND BONE** (Liz) (11+) *Literature, Writing*

#### **ONLINE ONLY**

In the Kingdom of Orisha magic has disappeared. What was once a vibrant world full of maji clans that could communicate with animals, control the weather, and even call forth the souls of the dead has been destroyed, controlled by a ruthless monarch who seeks to maintain control by fear. But when magic begins to seep back into the world one girl will do all in her power to make sure it returns in full force. As a class we will read *Children of Blood and Bone* by Tomi Adeyemi. We will map out the narrative and get to know all the characters. Students will also learn the real life myths that inspired this exciting story.

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### **PAINTER'S LAB** (Tommy) (8+) *Art*

#### **IN PERSON ONLY**

Starting with our own creative ideas, thoughts, and sketches will move on to the art of painting through guided instruction and dozens of original samples by Tommy Johnson. Each student will work at his or her own level or pace while developing skills and confidence. Through open forum/discussion, sharing each other's artwork, asking questions, giving feedback and making suggestions, students become an artistic family. **Depending on what each student wants to focus on, he/she will learn:**

*Please review the Fall 2020 Class Schedule for age ranges of individual classes.*

- how to take an idea and develop it into a finished piece
- how to mix paints to any color
- how to scale up using a grid/ view finder
- how to transfer a drawing to canvas
- sketching techniques
- painting techniques
- working with acrylic mediums
- *and more!*

Painting improves and fines our motor skills, it increases our ability to observe the world around us and even change it anyway we want to see it. We develop awareness of spacing and strengthen critical thinking and problem solving skills. Let that artist within shine!!

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### **PARK ADVENTURES AND GAMES** (Kara) (5-7) *Physical Education, Life Skills*

***THIS CLASS TAKES PLACE OFF CAMPUS / IN PERSON ONLY***

Let's get some exercise, sunshine, and fun. In this class, we will venture out to different parks and let our imaginations go wild! We will play different games that will keep the body and mind moving and grooving. Let's exercise, get some sunshine, and gain some new friends!

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### **PARK GAMES** (Nathan & Kara) (5-7) *Physical Education*

***THIS CLASS TAKES PLACE OFF CAMPUS / IN PERSON ONLY***

Description of this class is on it's way! Please check back soon.

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### **PHANTASMAGORICAL: EXPLORING SURREALISM & THE ART OF WEIRD, WILD AND WONDERFUL** (Kimber) (8+)

*Art, Art History*

***ONLINE AND IN PERSON***

Welcome to the fun and crazy artistic world of dreams, imagination and the subconscious! Can you paint something that seems impossible? Can you draw what you see in your dreams? Can you trick the eye and create something that's actually two different things? Students in this unique art class will dive into the wild world of Surrealism, fantastic imagery, incongruous juxtapositions, Groove Art and Op Art. While exploring dreamlike scenes, from melting clocks to weird landscapes, students will discover how artists in the first few decades of the 20th Century started to find new ways to interpret everything and create art pieces that depicted both the conscious and subconscious minds. Students will travel through several art movements up to the Op Art Movement of the 60's where artists continued to find new ways to redefine visual reality with illusions and mind-bending images. As students experiment and play with a variety of cool art materials, they will be challenged to stretch, see the world through a different lens, warp reality- and then, create impossible objects, strange scenes and optical illusions. I can't wait to see where our dreams and imagination take us!

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### **PRAY THEE EXPLORE THE MEDIEVAL TIMES** (Linda) (8+) *History, Art, Science, Geography, Social Studies*

***IN PERSON ONLY***

As the Roman Empire falls the Dark Ages descend on Europe. This was a difficult time to be alive. Feudalism was the dominant political system, a necessary evil to protect against the constant war and mayhem. A black plague devastated the entire continent at a time when science and medicine were mostly superstition. But there were

*Please review the Fall 2020 Class Schedule for age ranges of individual classes.*

bright spots of beauty in their daily life, as well. Art, literature, music, exploration and poetic humanism coexisted even as a dominant Catholic church clashed with the rise of Islam. We will immerse ourselves in a journey through time, beginning in the chaotic war-torn early middle ages, through the era of chivalry, knights and fairytale castles and into the infamous age of Henry VIII and the Tudors. We will construct trebuchets, illuminate manuscripts, illustrate bestiaries, discover life on a feudal manor, study the laws of chivalry, build castles and cathedrals, be entertained by jesters, mistrals, and troubadours, and the tales of Chaucer and Dante's Inferno. Marco Polo, the crusades, plague doctors, guilds, and Medieval board games are all on the menu with this glimpse back in time.

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### **PRE-ALGEBRA** (Semester 1 of 2) (Joe) (10+) *Math*

**ONLINE ONLY**

Prerequisite = Deep Divers Math or equivalent

In Pre-Algebra, students who have shown expertise in multiplication and division and have developed a degree of comfort in working with fractions and decimals, will have an opportunity to acquire a thorough understanding, familiarity and expertise in advanced arithmetical operations.

Students will practice using fractions, decimals and percentages. Students will explore concepts involving exponents and roots, factorization, primes, divisors, variables, negative numbers, equations, inequalities, ratios and proportions, unit conversions, and basic geometry (angles, perimeter, area, triangles, and quadrilaterals). New topics will be introduced each week and will be supplemented and reinforced through practice and gameplay. This class will continue during the second semester.

The two class meetings each week will be supplemented with ungraded out-of-class practice assignments. These assignments will be done online via Khan Academy. The out-of-class practice is important to student success, and although it is ungraded, the successful completion of it is required, and an essential part of the students' learning process.

Following the successful completion of this class, students will be prepared to begin Algebra 1.

Pre-algebra could also be appropriate for students who wish to supplement their Algebra or Geometry class with foundational review.

Students who have taken this class will have a better understanding of how math works!

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### **READ ALL ABOUT IT! NONFICTION READING WITH RANGER SHIRLEY** (Shirley) (5-7) *Literacy*

**IN PERSON ONLY**

Ranger Shirley here telling you to come with me on an adventure. We will dive deep into the authors background, the characters, the plot of the story, and more but knowing the story REALLY HAPPENED. Reading nonfiction develops reading comprehension, builds background knowledge, improves vocabulary, and develops analytical skills. Come and follow me into learning more about nonfiction stories.

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### **REFLECTIONS** (Kimber) (11+) *Art, Current Events, Self-Expression and Exploration*

**ONLINE ONLY**

In this free flowing and unfiltered art and exploration class, students will create raw and real visual expressions after

*Please review the Fall 2020 Class Schedule for age ranges of individual classes.*

delving into a variety of complex topics. Throughout time, people have used art as a way to comment on aspects of society- and what they see and experience going on around them. Through a variety of media (print, ink, paint, collage, assemblage, artistic journaling and visual poetry), students will reflect on and reflect back what they feel, think and believe about important issues around the world. Fun art projects and thought-provoking exercises will guide this process of social commentary art- and the artistic mirroring of musings and understandings; students will also dive into deep conversations, examine different perspectives and practice different ways to communicate through their creations. Whether it's public art activism or private reflections, students will explore how to express themselves about issues from environmental and animal protection, or hot topic political points, to current day issues of race equality and safe, fair treatment of all people. (Art isn't always perfect or pretty, nor is it always completely popular. "Unfiltered" expressions though will be guided to be safe and respectful).

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### **RESHAPING THE WORLD THROUGH CIVIL ACTIVISM** (Josh) (11+) *Research, Literacy, Humanities*

#### **IN PERSON ONLY**

Susan B Anthony, Mahatma Gandhi, Martin Luther King Jr. What do these people all have in common? They all believed in something more important than themselves. Henry David Thoreau coined the term "civil disobedience" to refer to peacefully protesting against an unjust law by refusing to comply. In this class, we will learn about both individuals and concepts that rebelled against a corrupt system in order to pursue what they believed was right & just. However, we will also learn about the inherent risks and potential dangers of pursuing an ethical code that supersedes the law. Change never comes easily, and the path to righteousness is beset on all sides by the inequities of the selfish.

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### **ROCKSTAR DRAMATICS** (Kids on Stage) (5-7) *Theater*

#### **IN PERSON ONLY**

'**Something familiar, Something peculiar, Something for everyone**'...Each week brings something new from your favorite Broadway Musical such as; Annie, Moana, Jungle Book and more. Young actors will experience an original improvised 'Play-of-the-day" where they will journey through the world of imagination, character development, storytelling, singing, dancing and creative expression. Class fosters self-expression, self-confidence, body awareness, social skill and collaboration in a supportive and fun-filled theater environment.

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### **RUMMIKUB AND OTHER MATH GAMES** (Shirley) (8-10) *Math*

#### **IN PERSON ONLY**

Come get hooked on math games and have some hands-on fun! Rummikub is a great math game involving adding/subtracting and strategies on how to think ahead to win . We will be using cards, dice, dominoes, board games, and even some of our very own original games to make math meaningful and exciting. We will discover many types of math, such as geometry, probability, number theory, arithmetic, and strategy, all while actively engaging in our learning.

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### **SCENE STUDIES: DEPICTING LAYERS AND MAKING RELATIONSHIPS** (Josh) (11+) *Creative Arts*

#### **IN PERSON ONLY**

Using acting to discover the self: When we as actors take on the role of another character, we aren't pretending to be someone else, rather we are bringing ourselves to someone else. Acting is us at our most sensitive, our most vulnerable, and our least defensive. This class will pair up students to work on scenes from TV shows, movies, and plays, with a focus on the Meisner technique (living moment to moment with no anticipation). Students will dive

*Please review the Fall 2020 Class Schedule for age ranges of individual classes.*

into imaginary circumstances while bringing the truth of their own reality to each individual character. Students will not just become better actors, they will become more authentic versions of who they truly are.

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**SCIENCE MAYHEM** (Nathan) (5-10) *Science***ONLINE AND IN PERSON**

Science Experiments galore! In this class we will be exploring the super fun filled experimental side of science. Our primary focus will be on chemistry/physics and setting up and performing science experiments. We will cover chemical reactions, atoms and molecules, crystallization, forces and motion, and even electricity! Students will begin to explore the scientific method and safety in science while performing amazing experiments every week!

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**THE SIX TRAITS OF WRITING** (Brittany) (10+) *Writing*

This course will teach the important modalities of critical thinking and creative expression through various types of writing, both fiction and nonfiction. Students will be introduced to the Six Traits of Writing—an effective and widely used set of writing tools— and will be guided through activities and exercises for each trait. Working with the Six Traits will help students learn how to develop clear and balanced pieces of writing. Exercises and activities will include brainstorming, writing prompts, free writing, outlining, attention-getting strategies, word choice enhancement, sentence fluency practice, and more.

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**SOCIAL CHANGE & JUSTICE** (Jessie) (8+, 11+) *Literacy, Humanities, History***ONLINE AND IN PERSON**

Social justice is recognizing and acting upon the power that we have for making positive change. Historically, classrooms have been the stage for social change, providing a venue to promote and accelerate new ideas and in this class, we will seize this energy! Together, we will use critical examination of ourselves, others, institutions and events to find patterns of inequality, bigotry or discrimination. As a collaborative group, we will explore possible solutions to the problems we've identified. Social justice advocates hope to build a society in which individuals have equal access to resources and receive equitable treatment regardless of their race, gender, religion, sexuality, income level or disability. Through incredible books, engaging and insightful activities and mindful discussions, we will work towards this common, universal goal.

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**SOCRATIC SEMINAR AND DEBATE** (Bonnie) (12+) *Debate***ONLINE ONLY**

Learn, practice and engage in the craft of civilized debate. Opinionated students will take part in three styles of debates: Lincoln-Douglas, Policy, and Public Forum. Students can work up to a respectful competition, where the winner is judged by his/her peers. Before signing up for this class, expect between 1-2 hours of relevant writing work each week. This class is for academic students, who are ready to impress.

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**SPIRIT ANIMALS AND TOTEM ART** (Kimber) (11+) *Art, World Cultures, Self-Expression and Exploration, Animals***ONLINE ONLY**

Have you ever wondered what special animal is your spirit animal? Could it be a wolf, cat, butterfly, or perhaps a horse or a deer? In Native American tribes, as well many other cultures around the world, it is believed that people have a special spirit animal or totem that helps to guide and protect them. All creatures, great and small, are thought to have spiritual and magical powers, and that there is a rare link between human and beast that gives great powers to both. Is there a certain animal, or perhaps several, that match your inner personality? Have you ever had

*Please review the Fall 2020 Class Schedule for age ranges of individual classes.*

a unique interaction with an animal that made you pause to wonder if there was a deeper meaning? What abilities, gifts, power, and hidden magic would your spirit animal have? Through fun games, quests and discovery questions, we will explore the possibilities, symbolisms and meanings, and be guided to find our very own spirit animal. Using clay, recycled and sculptural materials, pen, ink, and paint, we will then create several personal art forms representing our unique totems and spirit animals, beautifully highlighting all of our/their magic, beauty, strengths and characteristics.

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### **STAND UP! JR. ACTIVISTS** (Brittany) (8-10) *Citizenship, Literacy, History*

#### **ONLINE ONLY**

This class is all about engaging your inner activist through a variety of exercises and activities that cultivate change and awareness. Have you ever wanted to attend a protest or a march? Is there a cause that is dear to your heart? Is there a message you wish to share with the world? You will explore all of this and more in this class.

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### **STORYTIME UNDER THE BLUE SKIES** (Jessie) (5-7) *Literacy*

#### **IN PERSON ONLY**

Just as the title explains, this class is all about enjoying the peace, solitude and soft breeze of the outside world as we read delightful, funny and inspiring children's books. Join us under the tree as we enter that magical world of books. Young readers will draw, craft and dance along to some of my ultimate faves: "Mr. Tiger Goes Wild," "A House that Once Was," "To Be a Drum," and many, many more. Please bring a snack, some water and a great imagination!

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### **STYLE UP! CREATE YOUR BRAND** (Tommy) (7+) *Art, Entrepreneurship*

#### **ONLINE ONLY**

Who are you? What are your passions? What would you do if you could do anything? What's your favorite color? Let's start there.

We will find out together who we are, how others see us, identify our goals together, and learn to pay attention to detail and our environment around us. Branding yourself is something we all do. From our own signatures, logos, or a color of paint swished across a canvas/ paper, your favorite number, to your own foot print in the sand. Together we will explore all possibilities and we will come up with everything from art sketches, writing short stories, logos, ideas for games, and our new signatures. In this art class we will touch on what we love and who we are. Let's show the world who we are and what we love, using our artist ideas, imagination and skills.

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### **SUNSHINE CRAFTS** (Shirley) (5-7) *Arts and Crafts*

#### **IN PERSON ONLY**

Do you have a crafty kid? With just a few crafts supplies, you'll be giving your child the tools he or she needs to spark imagination and creative play. It's easier than you think to grab the crayons, glue, glitter, paint, and more to let their creativity shine. There are tons of painting projects, inside crafts, and small-scale obstacle courses and activities that'll hold their attention for long stretches of time. Either way, we've got your recipe for happy kids. Craft on!

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### **SUSTAINABLE eARTH - NATURE ART** (Kimber) (8-10) *Art, Sustainability, Environment Protection-Preservation*

#### **IN PERSON ONLY**

In this exciting eARTH Art class, students will learn all about nurturing nature in a totally fun and creative way.

*Please review the Fall 2020 Class Schedule for age ranges of individual classes.*

Students will explore ways to capture the amazing essence of our world by using elements of the great outdoors like wild flowers, rocks, shells, leaves, sand, feathers, seeds and cones. Looking beyond the norm, cool projects will also use many recyclable items made from organic materials and inspire creativity while teaching students to reuse a wide variety of things in a new and powerful way; students will learn more about recycling and innovative ways to reuse everyday “garbage” creatively. It's amazing what students can come up with when given a space and opportunity to explore the unusual. While we don't promise that we will be able to solve the world's garbage woes... we do promise a totally enjoyable experience that not only produces exquisite art projects, but is kind to the Earth as well. Examples of beautiful projects include handmade paper and journals, baskets, natural weavings, mandalas, mosaics, bird feeders, wind chimes, nature prints and sand candles. Join us as we celebrate earth's bounty through these cool nature-based art projects!

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**TALES OF FOOD: ART JOURNAL** (Chie) (5-7) *Art, Nutrition***IN PERSON ONLY**

We will delve into the origins of food, its preparations, and touch on nutritional value; each class will be focused on a particular food item or group and we will use different drawing mediums and learn about many techniques and styles of drawing and keeping an art journal.

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**TODAY'S FORECAST!** (Nathan) (5-7) *Science***IN PERSON ONLY**

Let's dive into weather and climates! Why is it warmer in some places and colder in others? How come it rains a lot here and not a lot there? Is it random or are there greater forces at work that follow specific patterns? In this class we are going to find out! So, get your weather wand and prepare to stretch that vocabulary while we create, practice, and deliver our own weather reports starring the world's youngest and newest meteorologists!

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**URBAN LEGENDS (BEWARE!)** (Liz) (11+) *Writing, Literature, Social Studies***ONLINE AND IN PERSON**

Urban legends give us warnings. Don't go into the woods BigFoot might get you. Come home before dark or the boogeyman will snatch you up. Don't go too long between showers or a spider might make a nest in your hair. Why do we tell these stories? What real life events may have inspired them? Come along as we investigate strange phenomena to decide is this all in our imagination or is something really going on.

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**VOCABULARY GEYSERS: WORDS THEIR WAY** (Shirley) (5-7) *Literacy***IN PERSON ONLY**

In Vocabulary Geysers we will be looking at expressing our feelings on paper. We will be learning correct grammar and how to use that in an everyday setting. Examples of that would be building sentence structure, learning nouns, verbs, adjectives, understanding new words, and why this sentence makes sense to put together.

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**WATER WORLD** (Nathan) (5-7) *Science***IN PERSON ONLY**

Let's investigate the history of water and water's role in the current conditions of our planet! Where did water come from? How did it get here? How much is there? Where can it be found? We will look at everything from water in space to the polar ice caps as we begin an expedition to find out everything we can about the water world we call home!

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**WHERE IN THE WORLD? WORLD MAPS** (Nathan) (11+) *Geography***IN PERSON ONLY**

Where in the World geography class is at it again! Our super fun, interactive game will be played as always with a few minor adjustments to help us focus on creating and using world maps! This time we will be studying the world and practicing our ability to locate individual countries within each continent and the treasures that those countries hold. All semester long students will be contributing to a giant world map project that they will be able to use in class for our game!

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**THE WONDER OF WORDS** (Shirley) (5-7) *Literacy***ONLINE ONLY**

Come on in and join me in the Wonder of Words. We will be analyzing and learning new words every week. Students will engage in active listening, reading and creating projects to facilitate recognition of sight word, reading comprehension, and other literacy skill development in a playful atmosphere. Students will read and create works of fiction, non-fiction, poetry, songs, and group story telling. There are so many ways to express ourselves! This class engages early readers/writers in the many formats of literature.

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**WONDROUS LIVING!!! DESIGN, INVENT, EXPLORE** (Chie) (8-10) *Health, Nutrition***IN PERSON ONLY**

Living clean and green and knowing how to grow your own food, make your own soap, shampoo, understanding the power of plants, grains, and doing with less toxins is the goal.

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**WORDS IN THE WIND** (Jessie) (8-9) *Literacy***ONLINE ONLY**

Come ready to write with the wind! In this adventure, we will study beautiful, silly and layered verse through poems and books. We will befriend and look at language and how to “paint a picture” using words. We will learn how to rhyme, rhyme schemes, slant rhymes, and look at when rhyming helps communicate and when it gets in the way. Introductions to alliteration, onomatopoeia, simile, metaphor in a fun way will occur. Most importantly we will write our own poetry and practice communicating what is going on within us, what we see, how we feel. I will assist students in feeling free to say what they need to while learning to remove any blocks getting in the way. REALM Poets, let us band together merry fellows!

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**WRITER’S BLOCK BUSTERS** (Brittany) (8+) *Writing, Literacy***ONLINE AND IN PERSON**

Writer’s block is a common occurrence for all of us, from young writers to professional authors. This class will explore strategies that are designed to help students learn to work with writing blocks when they surface. It will allow students to engage in exercises to guide them in moving past and rising above apprehension, hang ups, and that “stuck” feeling that we all experience from time to time.

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**WRITING FOR READERS: THE NUTS AND BOLTS** (Bonnie) (8-9) *Writing***ONLINE ONLY**

In this class, we will be learning strategies for making clearer, richer stories while helping students to strengthen the conventions and mechanics of their writing. This class is designed to teach punctuation, font styles, sentence

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structure and paragraph separation through paying close attention to how clever authors do it. Each punctuation mark has a personality and job, through constant writing and revision, kids will get to be good friends with them in an intuitive way. Editing skills will be heavily emphasized. Young writers will be challenged to not only tell the true stories of their lives, but to do so through writing that is easy for others to read.