

Please review the Spring 2024 Class Schedule for age ranges of individual classes.

A-Z SOCCER (Manuel & Celestine) (8+) *Physical Education*

A-Z Soccer Academy classes are a Montessori-style of play similar to street soccer where kids learn through experience, problem solving, and active fun. Creativity and self expression are key parts of our classes. Our goal is to keep the kids moving while continuously building their soccer skills and confidence on the field.

ADVANCED MATH (Joe) (10+) *Math*

BY RECOMMENDATION ONLY

This class provides supplemental class time and one-on-one support for students in Pre-algebra and Algebra. All of our upper level math classes at the Realm only meet twice a week, so having an extra hour or two for clarity, practice, extra explanation, and homework-help can really make the difference between “really getting it” and just, “kinda getting it”. These math classes are heavy with concept and abstract thinking, which can be challenging for students. This class gives students an extra opportunity to get support from their teacher as well as their peers.

Students who take this class will find solutions!

THE AGE OF EXPLORATION & BEYOND: HISTORY OF ENCOUNTERS AND COLONIZATION (Kimber) (10+)

History, Geography, Current Events

A long time ago...many brave explorers set off to discover wild new worlds. They had daring adventures, developed new trade routes, discovered a wealth of new riches, and met new and exciting people. Who were these intrepid explorers? Why were they important? What is their history? In their own journey of discovery, students will find that there's so much more to these explorers' stories. Starting with the Viking's, up to England's colonization, we will dive into the early days of North America's "discovery". We will explore how, during the 15th century, some European explorers set off to sail the Atlantic Ocean west in search of new routes to China and the East, and for precious metals, jewels and spices. In the process though, they "discovered" an entirely New World: North and South America, plus many other lands. Many other explorers sailed southward along the African coast, stopping along the way. In this Age of Exploration and Beyond class, we will look at the accounts of many of these explorations- and the explorers. Students will separate fact from fiction, discover new stories and perspectives in history, and discuss important questions from the past and their relevance today. Beyond expansion, colonization and impact, we will also examine what we do, have, and even eat today, that is a direct result of the original exploration adventures. Using maps, timelines, interesting stories, art and fun projects, we will be history detectives, and explorers ourselves, of this fascinating part of our human history.

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

BY RECOMMENDATION ONLY

This is a complete Algebra course. The curriculum will follow the Khan Academy course as outlined here: <https://www.khanacademy.org/math/algebra>. For many students, Algebra is their first exposure to abstract concepts involved with linear and quadratic functions - which can be both exciting and challenging. This is a fairly demanding class that requires students to arrive ready to focus and willing to give it their all. There will be weekly homework assignments to be completed online via the Khan Academy website. I encourage students to sign up for at least one hour of Advanced Math each week, as a supplement to this course.

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

Please review the Spring 2024 Class Schedule for age ranges of individual classes.

AROUND THE WORLD IN 80 CLAYS - SCULPTING WORLD LITERATURE (Suzie) (7-9)

Art, English Language Arts, Literacy

Around the world in 80 CLAYS. This class is focused on understanding diverse texts from across the globe while creating physical models of memorable characters. Students will dive into fiction genres like fantasy, folklore, and science fiction to answer compelling questions about the central messages, while at the same time crafting works of art. An overarching project of the class will be creating a diorama representing all the elements of the different literature investigated.

ART THROUGH THE AGES: OLD MASTERS TO CONTEMPORARY ARTISTS (Kimber) (8+) *Art, Art History*

Students in this fun and creative class will take a walk through art history, learn about the lives, techniques and artworks of some of the classic ‘Master’ artists, and then, with an emphasis on some amazing, cutting edge artists, explore the talents of this day and age. On this creative journey, and through visual presentations, hands-on projects and exciting art exploration, students will work on specific artist and art history projects, as well as experiment and be inspired to create their own masterpieces. From old classics to the fresh and new, including the Arts and Crafts Movement, Art Nouveau, Impressionism, Fauvism, Cubism, Abstract Art, Pop Art, Street Art, and everything in between!

BACKYARD SCIENCE (Scarlett) (5-9) *Science*

Step into the backyard wonderland of chirping excitement and fluttering discoveries! 🐦 ✨ Calling all young explorers to join our feathered friends in a thrilling backyard science class! Get ready to spread your wings and dive into the magical world of fun crafts like birdhouse building! But that's not all! Grab your binoculars because we're going on an adventure—bird watching at its finest! Join us for a backyard bonanza of fun, laughter, and hands-on science! From birdhouse blueprints to joyful bird watching, get ready for a tweet-tastic time in the great outdoors!

BASKETBALL (Kenner & Celestine) (9+) *Physical Education*

Basketball is like orchestrating a symphony of dribbles, laughter, and high-fives. Each session is a canvas where we paint the court with the brushstrokes of new skills and boundless enthusiasm. It's about watching little faces light up when they sink their first basket, witnessing the magic of teamwork unfold, and being a part of a journey where every bounce of the ball echoes the rhythm of pure joy. In the world of hoops and dreams, every teachable moment is a slam dunk of success, and every missed shot is just another chance to learn and grow. Together, we dribble through the challenges, pass on the love for the game, and shoot for the stars, making every practice a delightful adventure on the basketball court.

THE BEGUILING ARCHIVES: PROTEST MOVEMENTS THROUGHOUT HISTORY (Liz) (8+) *History*

In this class we will be reading and listening to the voices of those who rose up in protest to unsafe working conditions, unfair living conditions, and unjust treatment under the law. The main focus will be on the labor movement, the Civil Rights movement, and environmental protests. We will also be looking at current day protests. Students will be reading first hand accounts, historical fiction books, and watching documentaries. In class we will create a timeline to show the progression of these movements and how these movements build on each other.

Please review the Spring 2024 Class Schedule for age ranges of individual classes.

BEHAVIORAL PSYCHOLOGY (Josh) (11+) *Social Studies, Science*

Some of us like to follow the rules, some of us like to rebel for no reason, many of us seek what we can't have, and why do we start to like something the more we are exposed to it? So many confounding questions about human behavior will be explored in this class in an incredibly hands-on & exciting way. We won't just be scientists in this class, we will be the experiment as well! Classes will be led in a way that allows us to see how these psychological phenomena work first-hand as students become trials in our experiments. After our experiments have concluded, we will discuss what the effects were & their relevance in society. Come and learn about why we think and act the way we do!

BEVERLY HILLS FENCING (Beverly Hills Fencing & Nathan) (8+) *Physical Education, Sport*

Get in touch with your inner Musketeer! Fencing has a rich connection to history, conjuring images of swashbucklers, pirates, and heroes of honor, as well as being one of the first sports for women in the Olympics. Fencing enhances not only physical and technical skills but encourages quick thinking, creative problem-solving, and concentration. We provide all necessary equipment in a safe and healthy environment where skills are developed through warm-ups, games, drills, challenges and mini-tournaments. We develop the individual fencer as well as foster teamwork and esprit-de-corps.

Fencers must wear a short-sleeve tee-shirt, long pants, and sport shoes, a water bottle is always a good idea. The children will be learning to fence on the same type of fencing equipment that is used in the Olympic games! All equipment will be provided for the classes. En-garde!

BIG TIMERS: COMEDY AND KARAOKE (Nathan) (5-10) *Risk Taking, Confidence Building*

Do you have a hidden talent? Have you ever made a whole room of people laugh and looked around and thought "Wow! I did that?!" Throughout the semester, we will be performing skits, comedy routines, and a variety of other performances that will blow our audiences out of the water or have them falling off of their chairs in laughter! We will gain confidence in our voices and develop presence on stage. Be ready to join us at the end of the year for our amazing, blow you out of the water Talent Show!

THE BODY, THE BRAIN, THE BEHAVIOR: UNDERSTANDING THE CONNECTION (Charisse) (11+) *Science*

The Body, the Brain, and Behavior: Understanding the Connection is an exciting and informative middle school course that explores the intricate relationship between our bodies, our brains, and our behavior. In this class, students will delve into the fascinating world of neuroscience, learning about the nervous system, brain chemistry, and hormones, and how they collectively influence our thoughts, emotions, and actions.

Throughout the course, students will engage in hands-on activities, interactive discussions, and multimedia presentations to deepen their understanding of the complex interplay between our physical bodies, brain functions, and behavioral responses. By exploring the latest scientific research and real-life examples, students will gain valuable insights into their own behaviors and develop a greater appreciation for the wonders of the human mind.

BOOK EXPLORERS: SHORT STORIES (Liz) (11+) *Literature*

In this class we will be exploring the wonderful world of short stories. Short stories provide a wonderful way for

Please review the Spring 2024 Class Schedule for age ranges of individual classes.

students to get to know new authors. This class will have a particular focus on hearing from marginalized voices. From tales of belonging, immigration, love, and coming of age we will explore what it means to be a person in our world. In class we will use these stories to not only explore emotions and other perspectives but also look at the way we tell stories whether it be a first person narrative or a webcomic. There will be a heavy emphasis on literary techniques and perspective writing.

BRIGHT KNIGHTS (Arise Shine) (5-12)

Welcome to Omnia - the nearly infinite playspace where light and shadow collide. Be your own character, take on the trials and complete the training. Partake in the live-action, hero's journey adventure that is Bright Knights. Bright Knights is an immersive, creative-play class focused on fun, leadership, wisdom, and teamwork directed by Quasar (the teacher).

Bright Knights stand for "what's good and right" and appeal to the timeless Flow for energy, understanding, answers, and solutions. The class follows an engaging adventure storyline as we train, strategize, meditate, solve puzzles, find clues and defend those in need! Bright Knights Shine. Forever!

CAREERS AROUND US: EXPLORING SANTA MONICA BUSINESSES (Nathan & Josh) (8-11) *Practical Life Skills*

Careers Around Us is an immersive class that will help students see our community in a different way; investigate aspects of our surroundings with a new curiosity that helps us determine our future and our potential in the neighborhoods in which we reside. Each and every business started with a vision. That vision was pursued with hard work and the careful navigation of seemingly never ending obstacles. We will visit, interview, and collaborate with business owners, city employees, and others who have pursued these dreams and made them a reality.

CELLS: LIFE'S BUILDING BLOCKS (Linda) (8+) *Science*

Individually they are microscopic, yet they are the building blocks of every living thing on Earth. By understanding how cells work we discover how we, ourselves, function as intricate and complicated living machines. This exploration into inner space takes us to the center of it all, the blueprints of life and the various structures that support the life of all plants and animals, from a single celled organism to the multi-organ, highly specialized systems of human beings. This class includes the study of cell structure and function, cell division and reproduction, unicellular organisms and the cells of different specialized tissues through the creation of models and other experiments and hands-on activities.

CHESS BOSS (Josh) (8-11) *Chess, Strategy*

Chess is a fascinating game with a long and prestigious history. It has been played by great mathematicians, scientists, artists and creative and intelligent people of all types (as well as by just ordinary people like you and me) for hundreds of years. Many people would say that there is not a more enjoyable, challenging or educational game than chess. Maybe the most surprising thing about chess though, is that kids love it! This class is fun for the more seasoned player that already knows the basics and is ready to learn about advanced strategies, move sequences, endgames and feints.

CIRCUS ARTS - FLIP 1ST GYMNASTICS (Flip 1st & Scarlett) (9+) *Physical Education*

This fun and amazing introductory class focuses on multiple facets of Circus arts. The class begins with basic

Please review the Spring 2024 Class Schedule for age ranges of individual classes.

stretching and warm-up including form, technique, some clowning and body positions. Activities include: Ball Walking, Stilt Walking, Multiple Balance boards, Plate spinning, Aerial silk, Juggling, Hoops, and Strength, conditioning, focus and balance training.

CLIMATE CHAMPIONS - SOLUTIONS FOR FUTURE LEADERS (Suzie) (5-10) *Science, Civics, Social Studies, History*

Let's build a better future! In this jam-packed science-tastic class, students will learn about what makes our world tick, the things that are making it hotter, and what we can do to keep it cool. Using real world examples of climate impacts and climate solutions, our class will investigate climate science and ecosystems across the globe. Students will hear from local climate experts in various industries all aimed at the same goal: protecting the planet for future generations.

CREATIVE WRITER'S DEN (Trista) (8+) *Writing, Literature*

Embark on a thrilling literary journey as we transition from a semester of mastering various literary techniques to the exhilarating world of Creative Writing! Do you have a penchant for Scary stories or Comedies? Fantasy or Historical Fiction? Do you have a coming of age story to tell, or a story of an anti-hero? We will explore short stories, poetry and screenplays, as well as other multimodal storytelling. Creative Writing is a great way to learn to outline and organize a story, explore characters, the hero's journey, establish conflict and conquer those plot mountains, allowing students to share complex emotions and critical thinking. Bring all your creativity, this is your time to write and publish your story!

CURRENT EVENTS AND ELECTION COVERAGE (Joe) (11+) *Social Studies*

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 with a special emphasis on the presidential election. 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 follow the candidates as they vie for the presidency. We'll get to know the candidates, and what they stand for. We'll find out about the issues and try to figure out which candidate's views most closely match our own. We'll also focus on internet source verification and validation - learning to distinguish between information and misinformation. This class will touch on topics including civics, government/politics, the environment, and geography. Students will expand their vocabulary and broaden their understanding of 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!

DEAD POETS SOCIETY: POETRY, SHAKESPEARE, COMING OF AGE (Trista) (11+) *Writing, Literature, Film, Analysis*

O Captain! My Captain! Dive into the rich tapestry of human experience in this first of this new series, "Exploring Literature and Life." This dynamic class offers a unique blend of literary exploration and real-world relevance, weaving together the timeless beauty of poetry, the enchanting world of Shakespeare, and thought-provoking discussions on contemporary teen issues. The class will be broken into three units inspired by the film, *Dead Poets Society*. After we watch and analyze the film, we will discover the transformative power of poetry as we delve into works by Walt Whitman, Maya Angelou, and other influential voices. We will engage in reflective writing, fostering self-expression and individuality. Our second unit will be Shakespeare and American playwrights, unearthing timeless

Please review the Spring 2024 Class Schedule for age ranges of individual classes.

themes of love, identity, and the whimsical nature of human relationships through theater. Our third unit covers “coming of age”. We will navigate the complexities of teenage life through the lens of *Dead Poets Society*. Tackle pressing issues such as mental health, parental expectations, and the dynamics of friendship in a supportive and open-minded environment. Join me on a journey of self-discovery, intellectual growth, and meaningful conversations that bridge the worlds of film, literature, and life.

DEEP DIVERS MATH (Joe) (10+) *Math*

BY RECOMMENDATION ONLY

Deep Divers is an upper elementary through early middle school (grades 5, 6, 7) standards-based math class. It focuses on building a thorough understanding of - and competency in working with - multiplication, division, fractions, ratios, percentages, and decimals. The class will include both group and individual activities. Students will be presented with core concepts and will be given opportunities to practice and excel at their own paces. Homework will be optional - provided through the Google Classroom, but completed at the discretion of each family. Deep Divers Math is offered multiple times each week and can be taken any number of those times.

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

DIGITAL PRODUCTION ACADEMY (Digital Dragon) (8+) *Technology*

Come join us in Digital Dragon’s student run digital production studios. This class allows you to try a multitude of roles that exist in the filmmaking process, from director, writer, cinematographer to editor. Skills we cover include lighting techniques (3-point lighting), green-screen techniques, camera composition (180 Rule/Rule of Thirds), editing, and more. Previous projects have included: music videos, stop motion animation, short films, YouTube reviews and How-To videos.

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

Kids will transform simple recycled materials into 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 design sailboats for a mini regatta, intricate marble machines, rubberband helicopters, a slingshot car that is also “egg”stremely safe, and many more gizmos and gadgets.

ESSAY BASICS (Jessie) (10-11) *Writing*

Students will learn the basic formula for a multiple-paragraph essay and practice and practice until it becomes rote. They will be asked to persevere through writer’s block and dig deep into their paragraphs' elaboration (commentary) portions. The main goals are to establish cohesion and expand the elements of writing vocabulary. We will write personal narratives, literary analyses, and reviews as we practice this essential skill.

Writers will also increase their editing stamina and embrace the drafting and revision processes. Students will analyze, critique, and improve upon “model” writing examples and practice using kind, clear, and constructive verbal skills that motivate classmates to take a second look at their pieces. Paraphrasing skills will improve, as well as stimulating paragraph development. Writers should expect 2 hours of outside-of-class homework to support growth and mastery.

Please review the Spring 2024 Class Schedule for age ranges of individual classes.

EXCURSIONS (Semester 2 of 2) (Jessie & Hayden) (12+) *Travel, Research*

CLOSED TO ENTRY

Excursions is a year-long class designed to challenge students' current worldview as they research, collaborate, plan, and fund a travel adventure. We'll begin by choosing a destination and saturating ourselves in its history, culture, geography, and beauty. Once we've gotten a bit of a feel for the place, we'll plan our itinerary. We'll ask ourselves questions like: how will we get there? Where will we stay? Where will we visit? What should we see? and how can we fund our learning? As a team, we'll work on fundraising strategies and each student will take on the responsibility for funding their own share of the cost. This class will require an adventurous spirit, an inquiring mind, and a tenacious desire to persevere.

EXTREMOPHILES (Linda) (8+) *Science*

From the cold, dark depths of the deepest ocean trenches to near boiling sulfurous hot springs, there doesn't seem to be anywhere on Earth where life doesn't adapt. This class takes a close look at those life forms that thrive where it seems nearly impossible and the special mechanisms that allow them to do so. We will explore the characteristics of domain Archaea, discover the structure of proteins and how they denature, and all the weird and wonderful work-arounds found in many extremophiles.

FANTASTICAL ART - MYTHOLOGY AND FOLKLORE (Linda) (9+) *Art*

The inspirations for our art in this class will be how different cultures have used the supernatural to explain the natural world and the "monster" archetype to name their fears.

Using many different media such as clay, felting, sewing, mask making, puppet making and more we will create characters of our own as we delve into some of the less commonly known horrors and wonders lurking in peoples' imaginations around the world.

FIBER ARTS: DYES, PRINTS AND WACKY WEAVING (Kimber) (8+) *Art, Fiber Art*

From tie-dyeing and batik, to fabric printing and painting, students in this crazy fun class will explore a variety of visual and wearable fiber arts from around the world. Students will experiment with different types of dye and resist painting techniques- including Shibori and Arashi wrap, Kumo pleat and bind dyeing. Resist dye technique projects include Indonesian Batik and Nigerian Yoruba Adire Eleko cloth art. Using Indian wood blocks and personally carved creations, students will also play with hand printed designs. And of course, we can't do any type of cloth decorating without diving into groovy 60's tie-dyeing. To top it all off, using fiber-based and recycled cloth materials, students will also construct intricate artworks using weaving, knotting, twining, plaiting, coiling and lashing. In addition to their beautiful wall creations, students will end up being a gorgeous walking, talking fiber art exhibit with their very own wearable art of painted tote bags, t-shirts, shoes and scarves. Beautiful art to "dye" for!

FILM PRODUCTION (Trista & Suzie) (10+) *Visual Arts, Critical Thinking, Performance*

Lights! Camera! Action! You have been hired by the studio to film a pilot! In this intensive hands-on course, students will experience the real world skills and vocabulary needed in pre production, production and post, employing a wide range of cinematic techniques designed to provide practical experience with filmmaking equipment including: camera, sound, lighting, and editing software. This project will stress collaboration, pre-production planning, exploiting limited resources, mise-en-scene, and the application of post production techniques to create an aesthetic

Please review the Spring 2024 Class Schedule for age ranges of individual classes.

that serves the story or artistic intent. Industry mentors will guide us along the way, sharing their expertise and instructing us in their specialties to keep us on track! **NOTE: We need actors as well as crew for this production! There is a job for everyone, and Suzie and Trista will be having breakout sessions to cover different jobs!**

FLIP 1ST GYMNASTICS (Flip 1st & Scarlett) (5-9) *Gymnastics*

In this dynamic class, students are introduced to and learn all gymnastic skills at a level tailored to their specific abilities and development level.

The curriculum involves trampoline skills, rings, parallel bars, uneven bars, high bar, vaulting, and tumbling. Students are taught to focus, build strength and flexibility, and achieve correct body positioning. The class is challenging but rewarding as it is geared towards individual advancement.

FORENSICS - THE MEDICAL EXAMINER: AUTOPSIES, ANATOMY AND PHYSIOLOGY (Trista) (8+) *Science*

Let's find the answers to unsolved mysteries using science! Forensic scientists examine and analyze evidence from crime scenes and elsewhere to develop objective findings that can assist in the investigation and prosecution of perpetrators of crime or absolve an innocent person from suspicion. Get ready to solve some of our own mysteries using forensic science. We will conduct scientific research in several forensic disciplines, including DNA, ballistics, fingerprint analysis, trace evidence, and digital, among others to figure out who dunnit! Human Anatomy and Physiology will be covered. Dissections, Reassemble skeletons, Organize systems, Deductive reasoning, Case studies will also be a part of the curriculum, however all classes and cases will be age appropriate.

GAME CLUB (Josh) (11+)

FRIDAY'S OUTDOOR LEARNING DAY ONLY

What a great way to start off an adventure! Games have a magical ability to bring people together, to allow us to both work as a team & compete in a safe environment. To help us develop social skills, team strategy, and so much more! We will explore a variety of games from cards to strategy board games to even theater games, all to get us warmed up & in great spirits to ensure we have an incredible day.

GAME CLUB: CARD GAMES FOR BEGINNERS (Josh) (7-10)

In this class, we are going to explore a whole bunch of incredible card games that can be played with just an ordinary deck of cards! Students in this class will not only have an incredible time learning these games, but they will also harness their inner tactician as they implement a variety of strategies, and even improve mathematical skills without realizing! Can't wait to see ya there!

GAME TIME - PARK GAMES (Nathan & Scarlett) (5+) *Physical Education*

Sometimes kids just need a break to play some good old fashioned games, toss the ball around, and get dirty! We will play everything from soccer and kickball to sharks and minnows and hide and seek in this super fun blast of a class! We will also focus on social emotional growth and our ability to work as a team. There will be class challenges, team building activities, and super fun games that build leadership skills. Students can expect to leave this class with strategies for problem solving, managing emotions, and sportsmanship... all while having a BLAST!

Please review the Spring 2024 Class Schedule for age ranges of individual classes.

GENETICS: DARWIN & DNA (Linda) (9+) *Science*

What is a gene and where is it? Why do I have my dad's eyes and my mom's nose? Your DNA holds the instructions for the construction of every protein of every cell in your body. By studying our family histories we can often predict our own health risks and how to reduce them. We will investigate the processes of DNA replication and how traits are inherited from one generation to another and how whole species evolve to adapt to a changing environment. With inspiration from Charles Darwin we will explore how evolution occurs and discover some surprising driving forces that result in the amazing biodiversity of life on Earth.

HATHOR, RE, PTAH AND MORE: DIVING INTO EGYPTIAN MYTHOLOGY (Liz) (7+) *Literature, Social Science*

A goddess that changes from a cow to a lion when angered, worlds created from the beating rhythm of the water, and a sun that travels across in the sky in a boat.....all of this and more will be explored in our Egyptian Mythology class. Starting at the top of the pyramid we will make our way through the pantheon of Egyptian gods and goddesses. In class we will create artworks to remember these amazing stories, And we will also look at how Egyptian mythology not only influenced life and religion in Ancient Egypt but also inspires our world today (I am looking at you, Moon Knight).

HIGH FLYERS MATH (Joe) (8-10) *Math*

BY RECOMMENDATION ONLY

High Flyers Math is a middle elementary (grades 3 and 4) standards-based math class. It focuses on building understanding and competency with multiplication and division and an introduction to fractions, percentages, and decimals. The class will include both group and individual activities. Students will be presented with core concepts and will be given opportunities to practice and excel at their own paces. Supplemental at-home practice materials will be provided through the Google Classroom. These will be optional - completed at the discretion of each family.

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

HIKER'S CLUB (Kenner & Suzie) (5-8) *Physical Education*

In our hikers club this spring we will be taking our classroom outdoors! This won't be your run of the mill hike into nature, it will be a time to inspire our creativity and curiosity about nature. Our students will come out of this class recognizing plants as easily as they can recognize a Starbucks symbol, and I think we all can appreciate that. We will focus on slowing down our journey, and focus on the mindfulness and respect that comes naturally while exploring the Los Angeles forests.

HIKER'S CLUB ADVENTURERS & EXPLORERS (Nathan & Celestine or Josh) (8+)

Physical Education, Science, Geography

OUTDOOR LEARNING DAY ONLY

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

HIP HOP HYPE AND URBAN GROOVES (Scarlett) (7+) *Dance*

Ready to bust some moves and have a blast? Join our awesome dance class where we'll learn the most epic

Please review the Spring 2024 Class Schedule for age ranges of individual classes.

choreography to the coolest dance beats. Get ready to groove, express yourself, and have an absolute blast moving your bodies. It's all about having fun and unleashing your inner dance superstar!

THE HISTORY GAME: 19TH CENTURY (Joe) (10+) *History, Social Studies*

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 card 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 specially 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 19th century World History. Students who have taken this class will have a much better understanding of how we got to where we are!

HOLA AMIGOS! (Scarlett) (5-10) *Foreign Language*

In this lively class designed just for kids aged 5 to 8, we dive into a world filled with new words, catchy songs, and playful games that make learning español a blast. Join us as we embark on a journey to explore the beauty of the Spanish language through interactive activities that spark imagination and curiosity. From learning fun greetings like 'Hola' and 'Adiós', every class is a fiesta of laughter and learning! Get ready to dance to lively rhythms, taste some delicious Hispanic snacks, and become amigos as we learn and laugh together. No passport needed—just bring your enthusiasm and sense of adventure! ¡Vamos a divertirnos aprendiendo español! (Let's have fun learning Spanish!)"

INNOVATORS LAB: A BOARD GAME DESIGN CLASS (Linda) (8+) *Engineering, Design*

Think about your favorite board games. What makes it so fun to play? Is it mostly chance or is there skill involved? Is it competitive or cooperative? These are some of the questions you will need to ask yourself as you design and test a board game that you invent and create in this class of innovation and design.

JUST DANCE (Scarlett) (5-7) *Dance*

Get ready to groove and express yourself in our exciting dance class! Discover the joy of movement as we explore different dance styles and learn cool choreography. Our classes are all about creativity, fun, and embracing the power of body movement. Say goodbye to boring routines and hello to a dance class that will make you shine on the dance floor!

JUST OFF THE MAINLAND: ISLAND COUNTRIES AROUND THE WORLD (Kimber) (9+) *Geography, Art, Culture, History*

Are you ready for an exciting adventure? Join us as we set sail, off to explore the unique geography, rich cultures, and vibrant art of the many island countries around the world. Did you know, in total, there are 50 island countries and almost as many island territories. Japan, Fiji, Cape Verde, Greenland, Papua New Guinea, Bora Bora, and Iceland, so many different islands to explore! From tropical paradises to rugged landscapes, we will learn about the geography,

Please review the Spring 2024 Class Schedule for age ranges of individual classes.

the wide range of habitats and the ecosystems that make each of these island countries so extraordinary. From the lively festivals and music of the Caribbean islands to the ancient traditions and dances of the Pacific islands, we'll explore the diverse tapestry of cultures. Through fun hands-on activities, cooking projects and interesting crafts, we will immerse ourselves in the art, rich traditions, customs, and celebrations that make each country special — Students will discover how the geography, culture and creative expressions are all deeply intertwined with the identity and heritage of these different islands. Join us on this adventure as we island hop around the world!

LAB DABLERS: THE SCIENCE OF SPACE, AIR, & FLIGHT (Nathan) (5-9) *Science*

This is an experimental and project driven science class that will focus on forces, flight, and the cosmos. We will follow humanity's quest to leave the ground and venture beyond the Earth to see what forces are helping or hindering our goal of being interstellar travelers! Each week we will have a topic and an experiment or project that will demonstrate the amazing science at work all around us!

LEGO MASTERS (Jessie & Kenner) (7-11) *Engineering, Art, Literacy*

Lego Bricks are toys, but they are so much more. In this class, Lego will be an art form, a mode of storytelling, and a problem-solving vehicle. With exclusive access to The REALM's 'Brick Room,' builders will be presented with a time-sensitive task each week. A curveball will be thrown in the middle of the task, and the challenge will be deepened. Once time is up, builders will be guided through quick attention-grabbing ways to present their pieces both written and orally. Small mini-lessons will introduce basic, and advanced Lego build techniques throughout the semester. Creations will be photographed, presented, and shared with the community!

LIFE CHAMPIONS (Arise Shine & Jimmy) (5+)

Hi Friends! Welcome to Life Champions - the class where we learn to put our best foot forward for the community and the greater good while following the beat of our own drum.

This class is curated for each age group and the specific students who join us. It is focused on building EQ - Emotional Intelligence - and equipping each child with both basic and next level EQ skills.

Each class we have a Share Circle and short Meditation where we practice speaking and listening from the heart in the fashion of Council. We study virtues and look at how and why those virtues apply to living our best lives.

Join us in Spring for Life Champions!

LIFE HACKS & LIFE SKILLS 101 (Kenner) (5+)

We will be dividing our class into 4 interests throughout each month, each aimed at providing a new skill to learn and practice.

The skills will be chosen by the students from the four topics like cooking, communication, organization, or survival.

The idea in this class is not just to be introduced to and develop new skills, but also to build confidence in the students' initiative as self reliant, life long learners.

Please review the Spring 2024 Class Schedule for age ranges of individual classes.

LITERACY DETECTIVES (Jessie & Kenner) (7-9) *Literacy*

What do great readers and writers do? We look for patterns, and we crack codes! We hunt for clues, and we make meaning! Across our two-day-per-week format, students can grow their love of stories, engage with text as readers and writers, and explore the world of literacy with games, songs, and crafty projects. Inquiry, observation, and investigation will be our mission as we build print awareness and playfully demystify written language. It's elementary, my dear REALMers when our strategy sleuths are on the case!

Throughout this semester, readers will work on their comprehension skills while using close reading to solve some fun and engaging mysteries. We will focus on Making Inferences, Asking Questions, Visualizing Text, Making Predictions, and Summarizing Information.

LOVE NOTES: HEALTHY RELATIONSHIPS (Celestine) (11+)

Do you want to elevate your relationships, get to know yourself, and achieve your goals? Love Notes might be the class for you this fall. Join us and learn:

- How to better communicate
- How to stand up for yourself
- How to recognize red flags and warning signs
- How to get along better with your boyfriend/girlfriend, parents, family, and peers
- How to achieve your education, employment, and relationship goals

MAGIC THE GATHERING (Josh) (10+) *Literacy, Probability, Strategy*

Developed by the same company that brought you Dungeons & Dragons, this competitive and highly strategic card game will put your skills to the test! Through probability, psychological tricks, and careful strategy, students will be taught this fantastic game. Whether you're a newcomer or a pro, you will learn and develop your skills in both standard games and drafting until you're tournament ready!

MARVELS OF HUMAN ACHIEVEMENT (Nathan) (7-10) *Research, Science, Engineering*

Have you ever been inspired to change the world? How would you do it? Inventors and dreamers have changed the world and come in all shapes, ages, and sizes. You could be the next person to change the world and it's not even that hard! You just have to be curious, brave, and resilient and you could be the next Thomas Edison, Martin Luther King, Nikola Tesla, or Leonardo da Vinci! In this class students will study the work of pioneers who have shaped our lives in a variety of fields and then use this knowledge to create our own inventions and innovative ideas!

MASTER OF THE TABLE (Josh) (11+) *Strategy & Critical Analysis*

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.

Please review the Spring 2024 Class Schedule for age ranges of individual classes.

MATH MAVERICKS (Vicky) (7-9) *Math*

BY RECOMMENDATION ONLY

Math Mavericks is an early elementary (grades 1 and 2) standards-based math class. It focuses on building understanding and competency with addition, subtraction, place-value, doubling, tripling, and other essential foundational math skills and concepts. The class includes both group and individual activities and exercises. Students will be presented with core concepts and each student will be given opportunities to practice and excel at their own pace. Supplemental at-home practice materials will be provided through the Google Classroom. These will be optional - completed at the discretion of each family. Math Mavericks is offered multiple times each week and can be taken any number of those times.

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

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

BY RECOMMENDATION ONLY

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

This class focuses on developing students' analytic and sequential thinking through mental computation and memorization. We'll focus primarily on arithmetical operations - building on skills developed in Mental Math 1. Students will learn methods, tactics, and techniques for two-digit by two-digit multiplication, and also learn about squaring, factoring, division, and working with fractions. Students will practice holding numbers in their heads while doing two, three and four-step problems. Students will learn to parse problems and look for patterns to help them derive algorithmic methods and strategies for solution. Each class period will start with a warm up exercise presenting a new concept, application or technique and then we'll practice our skills through gameplay.

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

MENTAL MATH 3 (Joe) (10+) *Math*

BY RECOMMENDATION ONLY

Intermediate to Advanced Multiplication - plus fractions, division and advanced Addition and Subtraction.

This class focuses on developing students' analytic and sequential thinking through mental computation and memorization. We'll focus primarily on arithmetical operations. Students will continue practice with the double digit multiplication methods they learned in Mental Math 2. They will learn new methods, tactics, and techniques for performing other mental calculations involving multiplication, squaring, factoring, division, and fractions. We'll practice strategizing to find the simplest method for a given circumstance. Students will parse problems and look for patterns to help them derive new and better algorithmic methods and strategies for solutions. Each class period will start with a warm up exercise presenting a new concept, application or technique and then we'll practice our skills through gameplay.

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

Please review the Spring 2024 Class Schedule for age ranges of individual classes.

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

BY RECOMMENDATION ONLY

Advanced Multiplication - plus fractions, division and other advanced topics.

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 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!

MINECRAFT: MINIGAMES (Digital Dragon) (5-9) *Technology*

Students will create games and challenges for their friends to play in Minecraft. In this course students will use Minecraft to build arenas, obstacle courses, and puzzles to challenge and confound players. They will learn the mechanics of Redstone to create interactive structures like secret doors, elevators, and flying machines. Students will also learn to use command blocks to teleport players, automatically refill chests, or summon monsters. They will build escape rooms, archery ranges, spleef arenas, and much more. Attendees will have a chance to playtest each other's games and showcase their most creative ideas within the world of Minecraft.

MINI-EXCURSIONS (Semester 2 of 2) (Nathan & Shirley) (10-12) *Life Skills, Geography, History*

CLOSED TO ENTRY

Mini-Excursions is the perfect class to stretch everybody's comfort zones! This year we are off to Washington D.C. That's right, we will be flying across the country to investigate the inner working of our federal government. We will visit the White House, the Supreme Court, different memorials and monuments, and even walk the halls of Congress. In order for this trip to represent ideas and concepts that we are familiar with we are going to take the Fall semester to learn all about our system of government. From historical investigations to current events we will dive into what our government is, how it works, and what we can do to build a brighter future! This is an epic, once in a lifetime experience that students will own because they will work to pay for their own adventure! Students will look for opportunities to fundraise based on a total price that is a result of their own research and planning. Our trip will be in April of 2024 during REALM Spring Break!

MUSIC PRODUCTION - SONGS & BEATS (Digital Dragon) (10+) *Technology in Music*

In this music production session, students will learn to create fully realized and professional sounding melodies and beats! They will learn how to use a DAW (digital audio workstation) and what it means to put together a song and create sounds from scratch. They will use a powerful combination of virtual instruments and live audio recordings to create their own personal compositions, and get a great introduction to the essentials of audio mixing and production at the same time. By the end of the course, students will have completed a fully structured and thought

Please review the Spring 2024 Class Schedule for age ranges of individual classes.

out song with knowledge of drums, melodies, effects, synths, and more. Whether their goal is catchy pop tracks or electronic heavy hitters, this class will give them the tools to get started!

MUSIC RECORDING & PERFORMING (Celestine) (10+)

Come learn how to record your original ideas on a music software, make it presentable and create music content for your audience of choice. Your audience could be your family, your friends/classmates or even a performance stage.

We will also learn how to make performance tracks and practice our performances. We will learn how to perform our art in front of an audience. Whether you see your audience like a “sac of potatoes” or you're one that simply gets lost in your groove and creativity while entertaining your audience. If you are up for the challenge, then this might be a class for you. Come join us on this learning adventure to Record your original ideas and perform them with confidence.

NATURE MOSAICS AND NATURE ART (Celestine) (8-11)

THURSDAY'S OUTDOOR LEARNING DAY ONLY

In this class we'll make art in nature, arranging rocks, flowers, leaves, sticks and other natural items. We will organize these items in various beautiful artistic formations, unleashing each student's creativity. We will also build mosaics from some of the items we pick up in nature, stones, shells, leaves, bones, wood, grass etc.

Come join us for this amazing outdoor learning opportunity incorporated into our outdoors hikers this spring.

NOVEL-TEA: ALL THE LIGHT WE CANNOT SEE (Liz) (12+) *Literature, History*

This semester's novel is set during the tumultuous times of World War II. Students will follow the journey of Marie-Laure, a blind French girl and Werner, a boy torn between duty and what he thinks is right, as they navigate their lives and give us a look at the war from two perspectives, a civilian and a soldier. Students will read outside of class. In class we will participate in discussions, create character studies, and explore this time in world history. Pairing our reading with primary sources students will explore what life was like for everyday people during this time as well as the causes and effects of this tragedy.

ONCE UPON A WORLD: FOLKTALES AND STORY ART FROM AROUND THE WORLD (Kimber) (5-10)

Literature, World-Cultures, Geography, Art

Pack your bags and grab your passport. We are on an amazing creative literature tour to find fantastic folk and fairy tales from around the world! Through storytelling, dramatic play, cool arts and craft creations and fun projects, students will explore a collection of magical tales from different countries - stories they may know, stories they may think they know, and stories that are strange and unfamiliar. Imagine Rapunzel in a sari and Snow White in a kimono. Where does the story take place in the world- on a map or a globe? Students will discover that the "Cinderella" story is very well traveled and has over 1,500 versions from different countries. Is Cinderella Appalachian, South African, Chinese, Irish or Egyptian? Who helps her with magic? Is it a fairy godmother, fish, donkey or dove? Students will also dive into a diverse collection of magical folk tales, compare and contrast the story elements, explore each of the different cultures represented and then create story and country related art. As they let their imaginations fly, students will craft their own fantasy characters and discover new ways to get from "Once upon a time" to "happily

Please review the Spring 2024 Class Schedule for age ranges of individual classes.

ever after" by way of world arts and crafts, painting, making puppets and writing their own books.

ORDER IN THE COURT (Josh) (10+) *Social Studies*

Justice is a core tenant of our society, but what is justice? In this class, students will learn about law & justice from both a practical and philosophical standpoint. We will engage in role-playing the various characters in a courtroom, participating in mock trials and debates. Not only will everyone learn about how the court system works, but we will also experience its efficiencies and shortcomings. If you're interested in justice, law, or just like to argue, this class will have something for you!

PAGE TURNERS: PEOPLE OF SPARKS (Liz) (9-11) *Literature*

Lina and Doon, our main characters from *The City of Ember* have just discovered a new world, a world of sunlight, trees, foxes, and open spaces. But they are also newcomers to this world and must learn to integrate themselves into a society where they are the outsiders, learning to adapt to new world that is both full of wonder and dangers. Students will complete reading outside of class and come prepared to discuss the plot as well as make connections to real life refugee stories.

PAPER ENGINEERING: POP-UPS AND ORIGAMI (Linda) (5+) *Art, Engineering*

Paper can be folded, cut, curled, and sculpted into an infinite number of 3D and interactive forms. We will explore origami, pop-up techniques, notan, quilling, and kirigami to create unique art works that practice using not only our imaginations but also our engineering problem solving skills.

PARK FITNESS (Celestine & Josh) (8+) *Physical Education*

Join us for a time of sports games and physical activities to help you start your day by 'hitting the ground running'. Students will engage in various relay racing, team competition, fun workouts and more. They will learn to build endurance, work in groups, be self motivated/ determined and work through what it means to be a great teammate. We are looking forward to a fun and exciting morning with your students this spring.

PENCILS AND BRUSHES: DRAWING AND PAINTING (Trista) (7+) *Art*

Sharpen your pencils and let's get back to drawing! We will play with lighting, lines, edges and shading, value scales, perspective, space, textures and form. For anyone who wants to take their drawing to the next level this class is for you. We will also be playing around with inking, painting and coloring our illustrations. The last few weeks we will take our watercolors and practice our En Plein Aire skills! As always, the ultimate goal in my class is to free ourselves from perfectionism and instead become brave artists.

PERSUASION THROUGH RESEARCH, WRITING, AND DEBATE (Hayden) (11+) *Research, Writing, Debate*

This semester-long course helps students familiarize themselves with the process of research by engaging in weekly activities building skills in interpreting evidence and making arguments. Students will also explore concepts like rhetorical devices and fallacies. The class will begin with the fundamentals of persuasion and interpreting the arguments of others. They will then proceed to researching for applied weekly debates. Students will practice flexible thinking, looking at issues from multiple angles, and learning the art of respectful disagreement. Finally, students will work to create a short persuasive essay on a topic of their choosing combining the learned skills from the semester.

Please review the Spring 2024 Class Schedule for age ranges of individual classes.

This course requires consistent technology use and will include homework.

PHYSICAL SCIENCE: WAVES AND MAGNETISM (Linda) (11+) *Science*

Rainbows, music, and magnetic attraction will be the subjects of our scientific inquiry. This class continues to explore the basics of physics as they apply to mechanical and electromagnetic waves, magnetism and electricity. Students will investigate through hands-on experiments while practicing the steps of the scientific method.

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

BY RECOMMENDATION ONLY

This is a very thorough Pre-algebra course. The curriculum will follow the Khan Academy course as outlined here: <https://www.khanacademy.org/math/pre-algebra>. For most students, Pre-algebra is their first exposure to abstract concepts involved with linear equations and functions - which can be both exciting and challenging. There will be weekly homework assignments to be completed online via the Khan Academy website. It will be important for students to keep up on these assignments. I encourage students to sign up for at least one hour of Deep Divers each week, as a supplement to this course, and/or an hour of Advanced Math for homework help.

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

PUPPET JOURNALISM (Suzie) (5-10) *Social Studies, Civics, Art*

Puppetry goes so far beyond the muppets. Puppet journalism takes one of the most beloved forms of expression with important nonfiction communication. Students will learn how to communicate important information regarding real world issues while crafting various messengers. Using real life case studies like Little Amal, Judeh with the LA Times, and activist organizations, such as Bread and Puppet theater, this class will meld physical craft production with writing strategies and media literacy.

QUEST: TO BUILD A HIGH SCHOOL (Hayden & Jessie) (11+)

This semester-long class explores the central question "if you had the opportunity to design your school for yourself, what would it look like?" Students will explore the different aspects and variables of school design such as graded vs. non-graded systems, homework expectations, technology use, course requirements, schedule, and more. Each week students will be exposed to current research and thinking on a subject from multiple perspectives and engage in discussions and activities with peers to ascertain their own preferences on what school ideally looks like for them. This class will meet with other schools through class trips and video conferencing with schools far and wide, to get first-hand accounts of experiences in different systems. Students will end with vivid depictions of their personalized ideal school both philosophically and visually.

READING REBELS (Liz) (8-10) *Literature*

As reading rebels we don't want to be told what to read so this semester students will come to class to share the books they like best! The first section of class will be dedicated to exploring books and series that we love. Once we have shared our favorites and learned about some new ones we will select a book as a class to dive deep into. After learning how to give clear descriptions of the plot, students will go down to the next level to learn how literary techniques such as foreshadowing, metaphor, and word choice give new meaning to our stories.

Please review the Spring 2024 Class Schedule for age ranges of individual classes.

READY PLAYER ONE (Josh) (11+) *English, Literature*

Embark on an epic adventure as we unlock the secrets of the OASIS in this class based on Ernest Cline's blockbuster novel, "Ready Player One." This class will be divided in two parts, with one day focusing on reading comprehension, vocabulary, trivia, and analysis, while the other day will focus on fun & exciting projects both as groups & solo inspired by themes throughout the novel. Note that in order to fully engage in this class outside reading will be required, but I promise it will be worth it! If you're a fan of virtual reality, sci-fi, gaming, or just reading a good book, you're going to have a good time.

REDISCOVER: WOODWORKING EXPLORERS (reDiscover Center & Kenner) (8-10) *Woodworking*

At reDiscover, students will learn the fundamentals of woodworking with an emphasis on safety. This coursework will cover a broad range of tools and techniques that will encourage students to design and build simple projects.

RELATIONSHIP SMARTS: COMMUNICATION AND KINDNESS (Celestine) (8+)

Do you want to elevate your communication skills and friendships, get to know yourself, and achieve your goals of being a kind human? Relationship Smarts might be the class for you this Spring. Join us and learn:

- How to better communicate
- How to stand up for yourself
- How to recognize anger and frustration before acting on them.
- How to get along better with your friends, teachers and peers
- How to achieve your weekly goals.
- How to spread your kindness to the world.

THE RENAISSANCE: HISTORY, CULTURE AND ART (Kimber) (9+) *History, Art History, Art*

Huzzah! Through engaging presentations, fascinating stories and interesting hands-on projects, students will immerse themselves in the life and times, culture and art of the remarkable Renaissance period. From the Renaissance in Italy, to its spread throughout Europe, students will travel back to this captivating time and discover key events, influential figures and societal changes that took people out of "the dark ages!" During this period of "rebirth" and astounding growth, there were outpourings of creative genius, profound philosophies, clever inventions, scientific discoveries and world travel. Students will explore all of this and more, including the impressive accomplishments of architecture, decorative art, painting, and sculpture. Getting inspiration from renowned artists like Leonardo da Vinci, Michelangelo, Raphael and Titian, and using fun art exercises and creative challenges, students will draw, paint, carve and sculpt period pieces. As students experiment with charcoal, ink, paint, plaster and clay, they will then create their own amazing masterpieces! Students will also experience the magic and mystique of the era by creating costume pieces and cool crafts, cooking a historic treat, building an invention using a "lost" page from da Vinci's notebook, and celebrating Spring Ren-Faire style. Let the festivities and games begin!

ROCK BAND AT THE MUSIC CASTLE (Music Castle & Celestine) (11+) *Music*

BY RECOMMENDATION ONLY

Description of this class is on its way! Please check back soon.

Please review the Spring 2024 Class Schedule for age ranges of individual classes.

ROOTS AND BRANCHES - MONDAY (5-7) Multi-Subject

- **Mega Math** (Jessie & Crista) - Numbers, Patterns, & Play (Shirley & Scarlett) - Do you want to become math-tactic at numbers? Math is all about numbers and how they work together. You can add numbers to make them bigger or subtract to make them smaller. You can also group things together and count how many there are. Shapes are also part of math - you can learn about circles, squares, and triangles. In math, we can solve problems by using our logical thinking skills and using the skills we learn to solve real-life situations. Math can be fun and useful so let's get started learning all about it!
- **Literacy Rocketeers** (Scarlett & Crista) - As our blossoming readers and writers transition from “learning to read” to “reading to learn,” reading comprehension and writing craft take center stage. Students will learn to monitor their comprehension using fun strategies and helpful tools that can be applied beyond the classroom. Learning to engage with text as readers will also inspire our growing writers as we study the craft of mentor authors in powerful children’s literature. We invite students to dive a little deeper into your reading and writing life, and to empower themselves towards independence!

In our writers' workshop, kids will gain a new awareness and appreciation for the small everyday moments of our lives that are worthy of an “author’s eye” retelling. Published authors will be our mentors as we share books that ignite our memories of people, places and events that have helped to shape our young lives. We will explore memories connected to emotions as we practice telling “the inside story,” stretching our writing with vivid detail. To support this delicate stage of a writer’s growth, we will explore the parts of the writing process, providing helpful strategies for gathering and developing ideas, drafting, revising and editing. We will also foster connection as we share our human experience stories in our writers’ celebration at the end of the session.

- **Theater Playground** (Suzie & Crista) - Theatre playground introduces students to topics about theater in the most fun way possible - through play! Throughout various games and exercises, students will learn to express themselves both physically and verbally, engaging in critical social emotional learning while celebrating a beloved art form.

ROOTS AND BRANCHES - TUESDAY (5-7) Multi-Subject

- **Literacy Rocketeers** (Scarlett & Crista) - As our blossoming readers and writers transition from “learning to read” to “reading to learn,” reading comprehension and writing craft take center stage. Students will learn to monitor their comprehension using fun strategies and helpful tools that can be applied beyond the classroom. Learning to engage with text as readers will also inspire our growing writers as we study the craft of mentor authors in powerful children’s literature. We invite students to dive a little deeper into your reading and writing life, and to empower themselves towards independence!

In our writers' workshop, kids will gain a new awareness and appreciation for the small everyday moments of our lives that are worthy of an “author’s eye” retelling. Published authors will be our mentors as we share books that ignite our memories of people, places and events that have helped to shape our young lives. We will explore memories connected to emotions as we practice telling “the inside story,” stretching our writing with vivid detail. To support this delicate stage of a writer’s growth, we will explore the parts of the writing

Please review the Spring 2024 Class Schedule for age ranges of individual classes.

process, providing helpful strategies for gathering and developing ideas, drafting, revising and editing. We will also foster connection as we share our human experience stories in our writers' celebration at the end of the session.

- **Inspired Makers & Doers** (Crista & Scarlett) A class where a box is not a box, because when our imagination takes over and through play, we are transported to a world where anything is possible. We will engage the children's senses in open-ended play and construction that supports the development of cognitive, social-emotional and multisensory skills. The children will dabble in assemblage art and explore the world around them through found objects. Children will work on independent and collaborative thematic projects that help them share their unique lens with others.
- **Power Up: Nutrition, Stretching, Mind & Movement** (Scarlett & Crista) It's a MOVEMENT! Physical literacy is when kids have developed the skills, confidence, and love of movement to be physically active for life. There are so many ways to move our bodies, whether it be tai-chi, calisthenics, or interpretive dance. We know that students become more engaged and attentive when we get them out of their chairs. We are going to play and move while learning some of the many ways humans use their bodies...all while developing gross and fine motor skills. Every week we will also try a new power up food that nourishes our body, and lastly finish with breathwork.

ROOTS AND BRANCHES - WEDNESDAY (5-7) Multi-Subject

- **Mega Math** (Scarlett & Crista) - Numbers, Patterns, & Play (Shirley & Scarlett) - Do you want to become math-tactic at numbers? Math is all about numbers and how they work together. You can add numbers to make them bigger or subtract to make them smaller. You can also group things together and count how many there are. Shapes are also part of math - you can learn about circles, squares, and triangles. In math, we can solve problems by using our logical thinking skills and using the skills we learn to solve real-life situations. Math can be fun and useful so let's get started learning all about it!
- **Literacy Rocketeers** (Scarlett & Crista) - As our blossoming readers and writers transition from "learning to read" to "reading to learn," reading comprehension and writing craft take center stage. Students will learn to monitor their comprehension using fun strategies and helpful tools that can be applied beyond the classroom. Learning to engage with text as readers will also inspire our growing writers as we study the craft of mentor authors in powerful children's literature. We invite students to dive a little deeper into your reading and writing life, and to empower themselves towards independence!

In our writers' workshop, kids will gain a new awareness and appreciation for the small everyday moments of our lives that are worthy of an "author's eye" retelling. Published authors will be our mentors as we share books that ignite our memories of people, places and events that have helped to shape our young lives. We will explore memories connected to emotions as we practice telling "the inside story," stretching our writing with vivid detail. To support this delicate stage of a writer's growth, we will explore the parts of the writing process, providing helpful strategies for gathering and developing ideas, drafting, revising and editing. We will also foster connection as we share our human experience stories in our writers' celebration at the end of the session.

Please review the Spring 2024 Class Schedule for age ranges of individual classes.

- **Becoming Good Citizens: Exploring Citizenship and Community** (Charisse) **Becoming Good Citizens: Exploring Citizenship and Community** is an engaging and interactive third-grade course that introduces students to the concept of citizenship and the importance of being active, responsible members of their community. This class aims to foster a sense of civic responsibility, empathy, and respect for others, while also providing students with the tools and knowledge to become positive contributors to their communities.

Throughout the course, students will explore various aspects of citizenship, including rights, responsibilities, and the qualities that make a good citizen. They will learn about the importance of community involvement, cooperation, and the positive impact individuals can have on their neighborhoods, schools, and beyond.

ROOTS AND BRANCHES - THURSDAY (5-7) Multi-Subject

- **Literacy Rocketeers** (Shirley & Scarlett) - As our blossoming readers and writers transition from “learning to read” to “reading to learn,” reading comprehension and writing craft take center stage. Students will learn to monitor their comprehension using fun strategies and helpful tools that can be applied beyond the classroom. Learning to engage with text as readers will also inspire our growing writers as we study the craft of mentor authors in powerful children’s literature. We invite students to dive a little deeper into your reading and writing life, and to empower themselves towards independence!

In our writers' workshop, kids will gain a new awareness and appreciation for the small everyday moments of our lives that are worthy of an “author’s eye” retelling. Published authors will be our mentors as we share books that ignite our memories of people, places and events that have helped to shape our young lives. We will explore memories connected to emotions as we practice telling “the inside story,” stretching our writing with vivid detail. To support this delicate stage of a writer’s growth, we will explore the parts of the writing process, providing helpful strategies for gathering and developing ideas, drafting, revising and editing. We will also foster connection as we share our human experience stories in our writers’ celebration at the end of the session.

- **Earth Architects & Future Builders - Los Angeles** (Suzie & Crista) - Let’s build a better future! In this jam-packed science-tastic class, students will learn about what makes our world tick, the things that are making it hotter, and what we can do to keep it cool. Using real world examples of climate impacts and climate solutions, our class will investigate climate science and ecosystems across the globe. Students will hear from local climate experts in various industries all aimed at the same goal: protecting the planet for future generations.
- **Drop the Mic** (Scarlett) - Welcome to the electrifying world of the "Drop The Mic Glee Club," where passion meets pitch-perfect harmony! Our club is not just about singing; it's a celebration of individual voices coming together to create a symphony of joy and unity. Picture a vibrant ensemble of talented individuals, each ready to drop the mic and leave audiences in awe. In our club, we embrace diversity in musical tastes and styles. Whether you're a seasoned vocalist or just discovering your voice, Drop The Mic is the stage where every note, every lyric, and every performance becomes a moment of sheer magic. Our rehearsals are a fusion of laughter, friendship, and the thrill of crafting unforgettable musical experiences.

Please review the Spring 2024 Class Schedule for age ranges of individual classes.

ROOTS AND BRANCHES - FRIDAY (5-7) *Multi-Subject*

- **Mega Math** (Scarlett) - Numbers, Patterns, & Play (Shirley & Scarlett) - Do you want to become math-tactic at numbers? Math is all about numbers and how they work together. You can add numbers to make them bigger or subtract to make them smaller. You can also group things together and count how many there are. Shapes are also part of math - you can learn about circles, squares, and triangles. In math, we can solve problems by using our logical thinking skills and using the skills we learn to solve real-life situations. Math can be fun and useful so let's get started learning all about it!
- **Life Champions** (Arise Shine w/ Jimmy) Hi Friends! Welcome to Life Champions - the class where we learn to put our best foot forward for the community and the greater good while following the beat of our own drum.

This class is curated for each age group and the specific students who join us. It is focused on building EQ - Emotional Intelligence - and equipping each child with both basic and next level EQ skills.

Each class we have a Share Circle and short Meditation where we practice speaking and listening from the heart in the fashion of Council. We study virtues and look at how and why those virtues apply to living our best lives.

Join us in Spring for Life Champions!

- **Literacy Rocketeers** (Scarlett) - As our blossoming readers and writers transition from “learning to read” to “reading to learn,” reading comprehension and writing craft take center stage. Students will learn to monitor their comprehension using fun strategies and helpful tools that can be applied beyond the classroom. Learning to engage with text as readers will also inspire our growing writers as we study the craft of mentor authors in powerful children’s literature. We invite students to dive a little deeper into your reading and writing life, and to empower themselves towards independence!

In our writers' workshop, kids will gain a new awareness and appreciation for the small everyday moments of our lives that are worthy of an “author’s eye” retelling. Published authors will be our mentors as we share books that ignite our memories of people, places and events that have helped to shape our young lives. We will explore memories connected to emotions as we practice telling “the inside story,” stretching our writing with vivid detail. To support this delicate stage of a writer’s growth, we will explore the parts of the writing process, providing helpful strategies for gathering and developing ideas, drafting, revising and editing. We will also foster connection as we share our human experience stories in our writers’ celebration at the end of the session.

SCARLETT’S MINI MART (Scarlett) (5-7)

Description of this class is on its way! Please check back soon.

THE SCIENTIFIC REVOLUTION AND THE AGE OF ENLIGHTENMENT (Linda) (11+) *History, Science, Art*

The scientific revolution kicks off in 1543 with Nicolaus Copernicus challenging our very understanding of the universe and continues with unprecedented leaps forward in physics, medicine, biology, and math. This drastic

Please review the Spring 2024 Class Schedule for age ranges of individual classes.

change in thinking leads us to The age of Enlightenment, also known as the Age of Reason, in the seventeenth and eighteenth centuries. This is a time of invention, philosophy, rational thought, questioning authority, and revolution. Students will embrace their own Scientific Revolution and Age of Enlightenment as we recreate experiments, compare and contrast philosophies, and create works of art inspired by the masters.

SCRIPTS, SKITS, & MONOLOGUES (Josh) (11+) *Theater*

Calling all actors & actresses! Whether you want to create comedy sketches with a partner, re-enact powerful dramatic scenes, or find your inner voice with a Shakespearean soliloquy, this class will have something for you! Students will have the opportunity to find their inner voice as they live truthfully through imaginary circumstances. They will learn Meisner-based method acting, passionate expression, and comedic timing as they explore the craft of acting!

SELF EXPRESSION, IDENTITY AND THE ART OF PORTRAITS (Kimber) (8+) *Art, Art History, Self-Expression, Exploration*

Imagine a place where you can play fun art games, do creative journaling, experience an artistic rite of passage and learn more about yourself! Imagine experimenting with a variety of art materials and then using them to really show who you are! As a jumping off point, students in this wildly creative class will explore the many ways artists through the ages have depicted themselves and others. Through reflective challenges, identity games, painting, printing, graffiti, multi-media collage and photo transfer creations, students will then go on their own 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 be able to explore and experience growth and courage in the creative process- and to really express yourself. "Art enables us to find ourselves and lose ourselves at the same time" (Thomas Merton).

SHADES OF ME: ME AND MY EMOTIONS (Scarlett) (5-8) *Social/Emotional*

Join us on a thrilling journey where we uncover the colorful world of feelings! In this class, become mighty Emotion Explorers, mastering the art of understanding and navigating emotions. Through exciting games, storytelling, and creative activities, we embark on a quest to discover the many emotions that live within us. From the cheerful highs to the cozy lows, together we uncover the secret paths to joy, the magic words that soothe worries, and the colorful ways to express ourselves when emotions dance within.

SHAKESPEARE & YE OLDE ENGLAND: THE COMEDIES (Kimber) (8+) *Literature, Theater, History*

Ready to take the ShakesFear out of Shakespeare? In this fun, unique class, students will travel back to the exciting Elizabethan era to explore the life and times, and the witty writings of William Shakespeare. While investigating Shakespeare the man, and Shakespeare the writer, and why his plays are still so beloved, we will play games, act out key scenes- and dive into Shakespeare's timeless stories about the human condition. In a fun and creative way, students will read ye olde English and through Shakespeare's clever use of language, explore universal themes of love, trickery, betrayal, revenge, power, miracles, second chances, and so much more. With a concentration on Shakespeare's comedies, like *Much Ado About Nothing* and *The Taming of the Shrew*, students will explore both the originals, as well as modern day adaptations and movies, and discover that, at the heart of humans, time hasn't changed us that much. And that Shakespeare stands the test of time! Students will be challenged to analyze a variety

Please review the Spring 2024 Class Schedule for age ranges of individual classes.

of different scenes and compare them to alternative versions- and then recreate their own. Shakespearean rap? Puppet Show? Interpretive dance? Plots with a twist? Hands-on projects include dioramas, character puppets, Elizabethan crafts, costume pieces, play props and of course, mini-performances. All the worlds a stage!

SO YOU WANT TO BE A TEACHER (Kenner) (8+)

Being a teacher is so much more than teaching a lesson, or making someone remember something. Deciding to be a teacher starts a journey of an individual to be more a reflective thinker, and empathy oriented decision maker.

This class starts with self growth, moves into development of others and motivation tactics. We will then talk about curriculum design, and implementation. Lastly, the students will be able to lead a class all on their own!

Any future or leader would benefit from the skills practiced in this class, as we take a “servant style” approach, leading from the power with our students, not power over. And that concept goes far beyond our curriculum, and into relationships of everyday life.

SPORTS SCIENCE (Kenner) (8+) *Science*

Have you ever wondered how to throw a perfect spiral, and why they fly so much further? Or what the perfect basketball shot was, and why? Looking at the trajectory, and force dependent on distance, and utilization of the players full body, we can start to calculate and imagine.

In this sports science class, we will be looking closely at our favorite sports, and the science behind them that makes it all tick. There will be a lot of new science terminology, and activities that let students discover what they mean and how they work through play!

SPORTS STATS: EXERCISE, LITERACY, MATH (Kenner) (5-8)

Welcome to sports statistics! We will be breaking down how different sports are scored in a class where our favorite hobbies overlap with math and trivia.

After students have a good understanding of the game, we will watch some film, and have the students keep stats real time! This will be excellent for the students to practice utilizing mental math to keep up with the quick pace of sports. And finally once well versed in the sport of the month, we will move outside to get some play in ourselves.

STRATEGIC BOARD GAMES (Kenner) (5+) *Board Games and Teamwork*

Welcome to the enchanting realm of Strategic Board Games! This class is not just about conquering game boards; it's a delightful journey into a world where cleverness. Picture yourself surrounded by game pieces, laughter echoing like cheerful chimes, and the warmth of strategic camaraderie filling the air. Each session is a charming adventure where we navigate through candy-colored landscapes of game mechanics and dance through the meadows of decision-making, all while wrapped in the cozy embrace of friendly competition. Join us for a class where success is measured in smiles and everyone leaves with a heart full of strategic joy!

SURVIVAL OF THE FITTEST - THE SCIENCE OF ADAPTATIONS (Linda) (5-9) *Science*

Explore the many ways that living things adapt to their environment to survive and ensure the survival of their

Please review the Spring 2024 Class Schedule for age ranges of individual classes.

offspring. Investigate the forms that adaptation takes whether it is learned behaviors like hibernating or inherited physical traits like camouflage. Plants and animals have colonized every nook and cranny of this planet. The harsh cold of Antarctica, the arid deserts, the crushing pressure of the ocean abyss are all homes to some of the weirdest and coolest lifeforms on Earth.

TEAM WORK! GROUP CHALLENGES! (Scarlett) (5-8)

Description of this class is on its way! Please check back soon.

THEATRICUM ECLECTICUM (Suzie) (5+) *Theater, Social Emotional Learning, Art*

To take this class, or not to take this class - THAT is the question. And the answer is YES, AND! In Theatricum Eclecticum, students will take an adventure through all different types of theater: Improv, character development, even clowning! Aimed at improving interpersonal skills and confidence, theatricum eclecticum encourages students to express themselves in new and novel ways.

THINGS WITH WINGS: BEAUTIFUL BIRDS, BEES, BATS, AND BUTTERFLIES (Kimber) (7+) *Science, Habitats, Art*

Get ready to spread your wings as we dive into the wonderful world of birds, bees, butterflies, and other winged wonders! From backyards to forests, grasslands to seashores, students will explore fascinating facts about these captivating creatures with wings! Interesting research and stories, fun activities, creative crafts and cool art projects will spark students' imaginations and feed their curious minds. How will these students explore entomology or express their avian iconography? From butterflies to bats and everything in between, students will learn about different winged creatures' unique characteristics, adaptations and habitats. We will examine the diverse species of birds, their unique characteristics, and learn about their incredible abilities to soar through the skies. Focusing on , colorful parrots to majestic eagles, we will unlock the secrets of their habitats, migration patterns, and the important role they play in our environment. Then, as we buzz into the world of bees, students will discover how bees work together in hives, why they are so important for pollination, all about their fascinating life cycle and how they communicate with each other through intricate dances. Hands-on projects include gorgeous bird feeders and homes for our feathered friends, bee safety project, beak and feather masks, insect mobiles, 3-D sculptures, illustrations, paintings and other multimedia projects. Time to soar, buzz, glide, and fly into a unique learning experience!

TRAILS MAPS AND BASIC SURVIVAL (Nathan) (8+) *Geography, Science*

OUTDOOR LEARNING DAY ONLY

This semester the hikers are going to map out the hikes and determine distance and elevation, coordinate routes and timing using tools like compasses, maps, and landmarks to help guide us on our hikes! We will also learn basic survival skills such as building shelters, how to make a safe fire, cook food, collect edible plants, and set up snares for wildlife. I promise that no animals will be harmed while we practice, but having the ability to eat when stranded in the wilderness is an important skill!

TRANSLATING THE WORLD AND OURSELVES IN IT (Kenner & Charisse) (8+)

In this class, students will explore the impact of their actions on their immediate community and beyond. Through engaging activities and discussions, they will learn respectful communication and positive collaboration with others. By understanding how their actions can create ripples of change, students will develop the skills needed to

Please review the Spring 2024 Class Schedule for age ranges of individual classes.

contribute positively to their community and foster a harmonious environment. The students will explore how their actions can impact their friends circle, classroom, school, community, city, state, country, and even the world. They will learn about the interconnectedness of these communities and how their individual actions can create a ripple effect that extends far beyond their immediate surroundings. Through this class, students will learn to become strong leaders and positive change makers in their communities.

TRASH TO TREASURE: RECYCLED ART (Kimber) (7+) *Art, Environment Protection, Recycling & Sustainability*

Bring your thinking caps and a sense of adventure to this wonder workshop! Whether it's incredible trashion fashions, home decorations, funky furniture, body adornments or games and toys, students in this exciting class will be challenged to look at discarded items in a new way, and then, with a bit of this and a piece of that, create wonderful and entirely "new" upcycled, wearable, functional or visual art pieces. Student product designer and trash-to-treasure challenges will put student's clever minds and creativity to the test! We will push the boundaries of using everyday discards as a source of raw material for designing new products and amazing wall art, all the while, having a positive impact on our environment! While stepping outside the box and exploring this unique universe of upcycling, we will also dive deep into the story of all of this thrown away "stuff", and the consequences on our planet and our future. In what ways does overconsumption affect our health, happiness and the future of our planet? Are there other ways? How can we extend the life of an item? How can we repurpose and reuse old stuff? In a positive and powerful way, we will explore ideas and research solutions, all the while breathing new life into trash, recycling and creating funky and cool art projects. I'm so excited to see what all is going to be reinvented!

TREASURES BELOW THE SURFACE (Kenner) (7-10) *Science, History*

"Treasures Below the Surface" is not just a class; it's a journey into the fascinating realms beneath our everyday perceptions. In this unique exploration, students are invited to dive deep into the rich tapestry of knowledge and discovery, uncovering hidden gems and treasures that lie beneath the surface of conventional understanding. Imagine peeling back the layers of history, science, and culture to reveal the intricate stories and connections that shape our world. This class is an archaeological dig of the mind, where each lesson unearths nuggets of wisdom and insight waiting to be discovered.

WHAT DEMOCRACY IS AND IS NOT (Liz) (8+) *Social Science, History*

We often hear that here in America we live in a democracy. But what does that mean exactly? Is democracy just another word for freedom? If so, is everyone free? This class will explore exactly what a democracy is, how we have our freedoms, and what happens when not everyone is free. Starting at the present we will define our democracy as we see it now and explore the past events, decisions, change makers, and trials to help to define what our democracy is.

WORLDLY WISDOM FROM OUR COMMUNITY (Hayden & Trista) (10+)

Philosophy, Humanities, History, Social Sciences

What kind of person should I be? How can I be a happy person? Which direction should I go? Why is it some go through more gracefully, while others are seemingly always tripping over themselves? What is life all about?

Our lives are faced with decisions each day, each coming with differing paths, outcomes, and consequences. The older one gets, the more wise they become to these daily questions stemming from past failures and successes. This

Please review the Spring 2024 Class Schedule for age ranges of individual classes.

class will invite in the members of the community with a wide array of experiences and wisdom to share their most distilled life lessons from their career, their personal lives, and their personal perspectives. In addition, students will also be asked to reflect on the wisdom of other cultures throughout time such as Stoic philosophy, Eastern philosophy, African Proverbs, Sufi Wisdom, and more. Students will be asked to create their own personal “Book of Wisdom” detailing their most useful and valuable insights from a semester exploring the concept of wisdom. This class will function as a community symposium where parents and members of the community are welcome to join in the learning as well.

WOVEN WORDS: THE STORY OF MYSELF - PERSONAL NARRATIVES (Jessie) (7-9) *Literacy*

Wonderful words are everywhere- we speak, read, and write them! This understanding empowers our young learners to move towards independence. This two-day-per-week class will allow students to put their new skills into practice with more literacy exploration. Students will build on their knowledge of letter sounds, sight words, concepts of print, word decoding, and story elements and begin to brave much more complex words and word patterns. We will grow our listening comprehension, conversation skills, and our love for books by reading about characters who remind us of what it means to be human.

To support our study of the *Self*, our writers will learn to capture their fondest memories in pictures and words. Students will go from ideas to storytelling as they know to think like authors who see life’s everyday moments as reasons to pick up a pencil. Our 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.
