

Roots & Branches Ages 5-7

ADVENTURES IN ART (Linda) (5+) *Art*

The adventures continue with all new projects and materials, including ceramics! Artists can freely express their creativity, inventiveness and wacky sense of humor and aesthetics in this process-focussed art class. The emphasis will continue to be on enjoying the ride, letting go of preconceptions, and experimentation. Come get messy, splatter paint, sink your hands in some clay, cut, glue, plaster, and create!

AROUND THE WORLD IN ARTY DAYS (Kimber) (5-7) *Art, Geography, World Cultures*

Ready to take an amazing art journey? While exploring geography and “traveling” through different countries and around the world, students will have a unique opportunity to also explore many different kinds of art and cultural crafts. Through exciting projects, fun stories and beautiful visual examples, students will discover that these expressions of creativity from each country are as different as the people themselves. All forms of art can be used as an expression of self- as well as an expression of a country’s personality, beliefs, values and cultural identity. In addition to experiencing cool cultural crafts, we will also play with different art materials used in different countries, including paints, inks, dyes, papers, textiles and clays. Students will then create projects like Moroccan mosaics, Nigerian Yoruba cloth art, Mexican Amate bark painting, Turkish ebru and Suminagashi marbling, Hamsa hands- and a variety of other fabulous folk art from around the world. I’m so excited to see how this wonderful exploration of our world’s countries, cultures and creative expressions come together in a beautiful mix!

BOARD GAMES AND OPEN CENTER (Scarlett) (5+) *Fun and Games*

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

BUGS! BONELESS WONDERS (Linda) (5-7) *Science*

This class will explore the many boneless wonders that crawl on dry land. Where they fit on the tree of life and the many critical jobs they fill in the energy cycle of an ecosystem. Arthropods are the most successful group of animals on the planet and their ability to adapt to even the most extreme conditions on Earth results in an amazing variety from the stunningly beautiful to the gross and bizarre.

CAN I GET AN OINK OINK?!? AWESOME ANIMALS OF THE WORLD (Shirley) (5-7) *Science*

In this class we will be exploring all types of exotic animals. With our imaginative minds to create some beautiful projects and explore animals we have never heard about. Learning animals that are endangered, animal groups, habitats, and more is going to be so beneficial for these kids' knowledge. Can’t wait to dive deep into the world of awesome animals of the world.

CERAMIC ARTS (Lisa) (5-7) *Art*

Clay has an inherently calming nature and a forgiving quality that allows us to be fearless in creativity. That’s why ceramics is such a joy to experience! This semester we will expand on the basic hand-building techniques that we’ve learned, while adding some new surprises to the mix with brilliant crystallized glazes, botanical impressions and the Japanese method of Nerikomi to name a few. If you’re new to clay, no problem! You’ll easily fit right in on day one without missing a beat. Roll up your sleeves and let’s have some FUN!

Roots & Branches *Ages 5-7***FOR THE LOVE OF SPANISH - FOR BUILDERS AND DOERS** (Scarlett) (5-7) *Foreign Language*

Por el amor de español. Come with us on a building adventure! Lets build and expand on our Spanish vocabulary with incredible projects, fun class activities, and games. But we're not just building, we're doing it right with music, food, and so much more!

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

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

HEALTHY MIND AND HEALTHY BODY (Scarlett) (5-7) *Health*

It's all about the body positivity over on the right side of the brain. Wait there is a left side too? Together we learn about the brain and what fuels it. Healthy Mind = Healthy Body. We explore health from a diverse care free standpoint and not a one size fits all standards. Together we'll explore different points of views of health through skill building crafts, important mini lessons, and friendship building games.

HIKER'S AND WORLD VISIONARIES (Shirley & Chie) (5-7)

Welcome to Hikers Club and Visionaries! Come on the adventure to explore new outdoor hikes of the LA area. As we unplug from technology, we will be creating memories on our journey through the wilderness and coastal shores. It is important for kids to have fun, stay outdoors, and explore. We will learn about the weather, bugs, plants, and animals. Besides hiking we will be learning how our food is so important. We will be visiting farmers markets, farms, and more! Come to connect with nature and food!

LAB DABBLERS: ROCKS AND MINERALS (Nathan) (5-7) *Earth Science*

From the Gold Rush to the Rock cycle, this class will dive into the history, composition, and future of the third rock from the sun! Students will create art projects, perform experiments, and even get out for a little field work. We will trace the evolution of our planet from its creation over four billion years ago to the current, life inhabiting state we find it in now. Students will create rock collections and be introduced to some of the most unique and beautiful minerals produced by natural forces on this earth.

LEGO MINDSTORM ROBOTICS (Digital Dragon) *Robotics*

In this class, students will explore the evolving world of robotics, learning how to build, program, and perfect your very own robots. Using LEGO robotics kits, they will learn to build and program robots—integrating motors for moving parts, and sensors to take input from the physical world—to complete a variety of challenges.

MAGICAL MINIATURISTS (Kimber) (Multi-age) *Art, Art History*

Imagine the world through the eyes of a person just four inches tall! Students in this creative class will delve into this wonderful whimsical world- and create mini magic! For as long as humans have made art, they've experimented on a tiny scale. Ancient, very small depictions of animals have been discovered on the walls of Indonesian caves, and in 16th-century England, Elizabethans carried tiny, painted portraits of loved ones in their pockets. Today, artists continue to explore the possibilities of the miniature and triumph in a process that requires imagination,

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concentration, creativity and patience. Putting themselves in the shoes of Ferngully fairies, The Borrowers, tiny magical beings and other mini adventurers, students will flex their imaginations- and their fine motor skills. Using a variety of art materials, with an emphasis on recycled items, students will then create a magical world of delightful diminutive dwellings, complete with all the trimmings. Exciting art and projects include miniature art museum pieces, champagne cork creations, complete mini houses and furnishings, clay pot fairy houses, gnome home lanterns, tiny treasures, miniature character puppets- and more. Let the adventures begin!

MATH MARVELS: MONEY & TIME (Nathan) (5-7) *Math*

It's time to dive into practical math skills. Students will become familiar with time, time zones, clocks, seconds, minutes, hours, days, weeks, months, years, decades and centuries in our section on time. For money, they will have to practice every single day as nothing they use in class will be free! Don't worry, we'll be using Realm money to rent pencils, paper, rulers, and everything else we need! Each week, one (or two) students, depending on class size, will be the brokers that manage the rentals for the class. They will check their supplies in and check them out, sometimes using exact change, sometimes having to decide how much change to give. Who says math can't be fun!

MATHTERMINDS: GAMES AND PROJECTS (Shirley) (5-7) *Math*

Students will develop their mathematical sense through play and games. Students will facilitate sportsmanship and social awareness with peers in a friendly learning environment. Students will learn several classic card games, incorporating more math concepts in one game than could be practiced in 10 worksheets. We will be ending with building our own individual math game so we can show off those mathematical skills.

MENTAL MATH 1 (Joe) (6-8) *Math, Problem Solving*

This class focuses on developing students' analytic and sequential thinking through mental computation, memorization and gameplay. Mental Math 1 focuses primarily on addition, subtraction, doubling, and some preliminary multiplication. Students will learn basic methods of mental calculation. Students will practice holding numbers in their heads while doing two, three-step problems. 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.

NATURE AND LANDSCAPE ART (Kimber) (5-7) *Art, Art History, Environment Protection*

Since ancient times, artists have listened to the call of nature and taken inspiration from the magical wilderness of earth. In this fun and unique art class, students will travel across diverse, beautiful habitats and explore ways to capture the amazing essence of our world. Students will be introduced to a variety of nature, landscape and earth art, from contemporary artists and environmental land artists to famous artists throughout history... Gustav Klimt, Georgia O'Keefe, David Hockney, Henri Rousseau, Andy Goldworthy, Jon Forsman... so many genius inspirations. In addition to paints, inks, modeling pastes and clay, students will also use elements of the great outdoors like wild flowers, rocks, shells, leaves, sand, feathers, seeds and cones. Given the opportunity to experiment with different art mediums as well as explore three-dimensional and textural art, students will then create their own natural beauties. Imagine glassy blue oceans, cascading waterfalls, rolling patchwork fields or a forest of prickly pine trees. Adventuring with a variety of techniques, students will learn about the elements of shapes, lines and textures- and discover the fundamentals of composition, layering and creating focal points. Nature inspired projects include "Tree of Life" multi-media work, habitat mosaics, collage landscapes, flower and jungle paintings, cyanotypes, natural

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element creations and more.

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

Marvelous Mondays are designed to stretch, twist, and rocket each student's creativity and thinking! We will start the day with a little connection time and warm up to the day. Then, the group will begin the journey of learning what it takes to be a great reader. They will learn how to connect to books, make associations, look for clues, draw meaning, and think like the author. As writers they will bring their ideas to life with letters, words, and illustrations. They will share their creations and support others in the process!

After stretching their minds, they will practice the needed art of stretching their bodies. Students will experiment with movement and waking up their bodies and listening to their breath and releasing tension in those tight spots.

Next comes GlobeTrotters. There are so many interesting places that exist on this planet. Students will break through their familiar setting and culture and peek into the other places and ways that people live. In addition, they will discover the natural environments that inhabit our earth.

By then, it is time to refuel our tanks and have a quick snack. Next, get ready to bring music to life with Shirley! The Glee Club will be building their repertoire of songs and experience the joy of singing! They will also be preparing for our Magnificent Annual Music Festival.

Finally, they will be off to the park for lunch. What a glorious morning!

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

There is so much meaningful learning on Tip Top Tuesdays! As always we start with our morning greetings and hellos at our Morning Meeting. That is followed by building up those reading and writing muscles with mini lessons that will guide each budding reader/writer into becoming a passionate inspired word wizard! Then, the group will get up and move their bodies with a wiggly wonderful energizer. Next Scarlett and Cherise will swoop in with books, games, and activities that will focus in on making numbers make sense in our world. After all, you can't escape numbers....They are everywhere! So it is time to make friends with them and learn about their patterns, uses, and magic!!! Then, the crew will take an early lunch before the arrival of.....COACH RASHAD!!!!!! He always comes equipped with running, jumping, kicking, throwing, giggling, and sporty fun!! The group will blast around the field across the street from The REALM and sharpen their gross motor skills while learning the art of teamwork!! You NEVER EVER EVER want to miss out on Tuesdays....

ROOTS AND BRANCHES - WEDNESDAY (Scarlett) (5-7) *Multi-Subject***A TRIP TO THE REDISCOVER CENTER: CARDBOARD ART AND ENGINEERING**

Are Wednesdays Wonderful, Whimsical, or Wacky you might ask? YESSSS! And they are also tinkery.....(That is only a REALM word). On this day, the group saddles up and heads to the ReDiscover Center near Marina del Rey. During this class students gain a foundation in cardboard construction. Students will approach connection and engineering techniques through fun and engaging 3D art and engineering projects. Drawing from reDiscover's archive of 30+ cardboard workshop prompts plus customized workshops created to respond to students' interests, this class ranges from shadow puppets and Wind Tube explorations to big box play, costuming, and 3D geometry.

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

Get ready for Thumping, Pumping, Jumping Thursdays!! We will start the day with a little connection time and warm up to the day. Then, the group will begin the journey of learning what it takes to be a great reader. They will learn how to connect to books, make associations, look for clues, draw meaning, and think like the author. As writers they will bring their ideas to life with letters, words, and illustrations. They will share their creations and support others in the process!

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

This is the day we turn up the heat!! Fridays are designed for adventure, research, collaboration, and becoming empowered future citizens. After our morning Welcome Circle, students will flex their mathematical muscles and build some skills that will elevate their problem solving abilities! Next, they will take a moment to Shake It, Shake It, and Move with Scarlett. This will involve all sorts of dance and movement- Hip Hop, Yoga, Aerobics, and more. Also, this group will work on a special piece to perform at the Music Festival. Then, the day gets even juicier! The entire Realm is learning about FOOD this semester. The Roots and Branches troop will be discovering all they can about the process of Farm to Table. At the Realm, we will learn all about where our food comes from, how we grow food, what other ingredients get added to food, what do the labels mean that are on our food packages, and so much more. With this knowledge they will learn the process of research, capturing vital information, presenting it and teaching others. Fridays will be astounding!

SPORTS AND FITNESS (Celestine) (5+) *Physical Education*

Join us for workout using body weight and learning proper workout techniques to prevent injuries. Incorporated will also be soccer technical skills work, speed and agility and endurance training. Join our high level club soccer coach who is passionate about workout and soccer to learn one or two new skills.

STORYTELLERS & MOVIE MAKERS (Chie & Talia) (5-7)

Creative little creatures with enchanting stories are the littles that make up REALM. We will be breathing life into those dreams and adventures that once only existed in their minds. At the end of the semester they will have a book and movie to bring home and share with their families for many years to come.
