

## Afternoon Challenge Course Selections

### PLEASE REFER TO THE COURSE SELECTION CHARTS FOR CLASS TIMES BY GRADE LEVEL

#### 1) ADVANCED STUDIO ART

#### Session 2

Take your artistic talents to new heights in this art class designed for campers that are ready to work on more ambitious projects. The only requirement is your enthusiastic effort! We will learn how to paint and sculpt animal and human figures, how to create the illusion of depth by using perspective, and more. We will analyze the works of famous artists to get inspiration and learn from their techniques to encourage creative exploration and personal expression.

#### 2) AQUA CHAMPS

#### Session 1 & 2

Campers will learn to swim and have an introduction into the world of sports in this combination class. Swim instruction will occur on Mondays, Wednesdays and Fridays in the Iona athletic center indoor pool. On the alternate days, campers will participate in sports activities designed to enhance and develop motor skills, coordination and sportsmanship through active play and instruction. Campers must provide a swim suit, towel, goggles and Ziploc bag for wet items on swim days.

#### 3) ARDUINO APPLICATIONS

#### Session 1 & 2

Ever wondered how robots think or what makes a smartphone so smart? Uncover the secrets of technology's brains with our Arduino Applications course. Dive into the realm of microcontrollers, the heartbeat of modern computing. Using the versatile Arduino platform, you will explore the fundamentals of electrical engineering and programming. Get hands-on experience as you bring your imagination to life, creating a variety of projects with a basic starter kit. This is your chance to become a tech innovator and decode the language of microcontrollers!

**Arduino Kit Fee: \$75**

#### 4) A BAKER'S DOZEN - INTENSIVE

#### Session 2

Pack your ingredients and let's embark on an international baking tour! In this class, young bakers will learn to bake treats from around the world including alfajores, sponge cake, biscotti, soufflés, cream puffs, and tres leches cake. These classic desserts will be delicious beyond measure!

- **A Baker's Dozen Fee: \$200**

**\*\* This class is a double period intensive elective**

#### 5) BASKETBALL

#### Session 1 & 2

Campers will learn the FUNdamentals of basketball. Through drills and instruction campers will have a great time practicing dribbling, shooting, jumping and game play that emphasizes teamwork and sportsmanship.

#### 6) BLACK AND WHITE DRAWING

#### Session 1

You have to think out of the box in this class to create extraordinary artwork with the absence of color. Using pencils, Sharpies and paper, you will learn how to draw graphic designs of animals, trees and faces. You will be amazed at the movement and dimension using only simple lines, contrast, and shadows in your drawings!

### **7) BOLD POP DANCE**

#### **Session 1 & 2**

This vibrant dance class blends the energy, freestyling, storytelling and power of hip hop and breaking, with jazz technique, while embracing the creativity of the dancers. Students will develop musicality, choreographic skills, strength, teamwork and confidence both onstage and off. A signature of all BOLD Arts programs is that each camper's individual strengths and personality shine through the work we create together. All students will have the opportunity for a virtual performance at the end of the session. *Taught by BOLD Arts.*

### **8) BONJOUR – CONVERSATIONAL FRENCH**

#### **Session 2**

“Oui, s’il vous plait!” Our discussions will be based on the individual French language proficiency and interests of the students. We will build upon grammar, pronunciation through various conversation themes. The interactive format using a wide variety of mediums will raise the campers level of confidence in speaking the language.

### **9) BOX-FIT**

#### **Session 1**

This dynamic class focuses on building strength, conditioning, agility, and coordination through the fundamentals of boxing. Through a variety of exercises including shadow boxing, pad work, and agility drills, students will not only enhance their physical fitness but also boost their confidence and discipline. It's a great way for campers to learn about healthy competition, respect, and perseverance, in a safe and supportive environment.

### **10) BUTTERFLIES IN FLIGHT**

#### **Session 1**

Join us in the nature art studio as we make beautiful butterfly mobiles with feathers, paint, sparkles and more. Happily design and create colorful butterfly friends with wings to soar!

### **11) CAINE’S ARCADE**

#### **Session 1**

Inspired by the documentary film *Caine’s Arcade* this class will be amazing, creative and fun. We will use cardboard and a variety of found and recycled objects to create our own carnival games style arcade. Campers will develop an understanding of the physics and engineering behind their creations.

### **12) CHESS CHALLENGE**

#### **Session 1 & 2**

Chess is a tremendously popular activity at Challenge Camp! Come to play individual and team games against opponents of all ages and abilities. Develop your own chess strategy and tactics through supervised play.

### **13) CHOCOLATE WORKS ACADEMY**

#### **Session 2**

Indulge in the delightful world of chocolate making in in this hands-on, fun-filled course takes young learners on a delicious journey from bean to bar, teaching them the basics of chocolate making. Campers will get to mix, mold, and decorate their own chocolate creations, learning about different types of chocolate and the art of tempering. This experience is perfect for the aspiring bakers and chefs who love attention to detail and have the patience to precisely manage the production from melting wafers, dipping, decorating and packaging. It's a sweet blend of culinary skills and creativity, leaving them with both new knowledge and tasty treats to share with family and friends.

**Chocolate Making Fee: \$60**

**\*\* NOT RECOMMENDED FOR CAMPERS WITH SEVERE FOOD ALLERGIES \*\***

#### **14) CLOSING BELL**

#### **Session 1**

In this introduction to Wall Street class, students will build a virtual stock portfolio and compete for the "best stock picker" bragging rights. After examining the activity at the NYSE and NASDAQ each day, we will learn analytical and operating aspects of the stock market. We will begin by evaluating and comparing stocks. We will review our portfolios daily and debate our purchases while learning to use tools to assist in our decisions to buy, sell or hold individual companies. By understanding how the stock market works, we will know the pros and cons of investing and how to buy low and sell high!

#### **15) CODE CENTRAL: ADVANCED JAVA**

#### **Session 1**

This is a course for campers with some knowledge of programming and Java. We will broaden that knowledge through lessons about object-oriented design and inheritance plus a wide variety of challenging applications and games. What we learn and do together will be driven by the level of the campers' knowledge and desires. Every camper will be given a variety of programming challenges to solve. Examples include making games like hangman, battleship, various card games or tic tac toe. Creative techniques are required to solve the change return problem and the calculation of Armstrong numbers in a given range.

#### **16) CODE CENTRAL: EXCEL VBA**

#### **Session 2**

Excel is the most widely used technology platform in the world. Knowing Excel is one of the most critical skills any worker or student can have. VBA (Visual Basic for Applications) is the programming language embedded in Excel and is used widely in all fields, especially the business and financial worlds. In this course, campers will get an introduction to Excel plus a deep dive into the VBA programming language. They will learn how to create variables, loops, control structures (if/then logic) and arrays. We will use this knowledge to create a chess board, a boggle board, dice games, a Yahtzee game and other games of our campers' imagination.

#### **17) CODE CENTRAL: PYTHON**

#### **Session 1 & 2**

Embark on a coding journey with Code Central: Python! Perfect for beginners and budding technologists, this course unravels the basics of Python, an object-oriented programming language. Discover the joy of programming with Python's simple syntax and easy learning curve. Explore variables, loops, decision statements, and other fundamental programming concepts that serve as building blocks for future languages. No prerequisites required—just bring your eagerness to learn. Unlock the potential of coding at the heart of Code Central: Python!

#### **18) CODE CENTRAL: SCRATCH GAME CREATORS**

#### **Session 1 & 2**

Learn coding basics while having fun creating games and animation using the online program known as Scratch. Campers will learn to develop algorithms, use variables, loops and control structures (if/then logic) to create a multi-media experience. Scratch is a drag and drop website which makes programming easy, fun and painless. Campers will create games such as Flappy Birds, Space Invaders, Shoot 'em, Pong, Maze and other games of their own imagination. Your games will have obstacles, dragons, special ghosting and color effects, timers and scoring. Campers will also make beautiful, animated art work like whirling spirals, planets circling around the sun in the solar system, and spin art.

### **19) CODE CENTRAL: SCRATCH JR**

#### **Session 1 & 2**

Young campers will be introduced to coding basics using the Scratch Jr. software. Scratch Jr. is a visual programming language that enables students to create games and animated projects. Using visual code blocks, Scratch Jr. guides you through programming concepts – such as loops, conditional logic, sequencing, and algorithmic thinking. Campers will unleash their creativity, innovation, and curiosity as they develop coding skills.

### **20) CONFIDENT CHEFS**

#### **Session 1**

Designed to give campers confidence in the kitchen. Come and have some fun rolling sushi, making dumplings, learning the art of Mexican street tacos and more. Treat friends and family to interesting decadent desserts such as mochi madness, cheesecake cupcakes, chocolate chip cookies, pop tarts to name a few. Campers will learn to prepare ingredients, organize their work space and use tools of the trade. Our confident chefs will learn how to properly season meals while developing their critical palate. Bon appetit!

- **Confident Chefs Fee: \$100**

### **21) CURIOUS CHEF**

#### **Session 2**

Campers will learn the basics of cooking and healthy eating. Cooking is math, science and an art. Chefs will learn kitchen organization, following directions, measuring, and preparing ingredients to complete a recipe from start to finish. Experience making simple foods from scratch and create the foundation to be good chefs and more informed eaters.

- **Curious Chef Fee: \$100**

### **22) DANCE A STORY**

#### **Session 1 & 2**

Dancers will bring books and stories to life. Children will dance along and be given a prompt to create their own choreography, using the story. We will Cha Cha and Tango with *Giraffes Can't Dance*, create flashlight solos with *Firenze's Light*, dive into a painting with *Flyaway Katie*, and more! This class is active, interactive, and filled with opportunities to create. *Taught by BOLD Arts.*

### **23) DIGITAL COMICS**

#### **Session 1 & 2**

Digital graphic comics and stories are extremely popular with campers of all ages! In this engaging digital storytelling class, we will read, write and illustrate our own comics and designs. Beginning artists are more than welcome as there is themed art from you to choose from, incredible animation and loads of templates to start story building with! If you have an idea, you can quickly create visually dazzling content for your story. Create and animate your characters, word balloons, sound effects and bring your original stories to life on screen!

### **24) DRONE SOCCER: TEAM ROBOTICS TAKE FLIGHT**

#### **Session 1 & 2**

Drone Soccer is a fast-growing ESport. It is a thrilling indoor team sport played with radio-controlled quadcopters in protective exoskeletons designed for collisions. Teams of up to five-players face off in a netted arena where they ram and block the opposing team to prevent them from scoring. But before pilots can compete, they must first learn to build, program, fly, and repair high-performance drones. Learning these engineering skills can lead to exciting careers in technology and aviation. To learn more about this emerging sport, visit <https://www.dronesoccer.us/>.

- **Drone Soccer Fee: \$150**

## **25) DUNGEONS & DRAGONS**

### **Session 1 & 2**

If you can imagine and think of lands and magical creatures, then you can play Dungeons and Dragons. Think of yourself as a character in a book. Imagine magical places and items – many surprises lie ahead. For campers with significant D&D experience, this year we have created a separate Advanced section.

## **26) EDISON ROBOTICS**

### **Session 1**

Enter the world of robotics and coding with Edison Robotics. The Edison robot is a powerful, engaging tool for teaching children computational thinking and computer programming in a hands-on way. Campers can immerse themselves in a variety of STEM and engineering projects as they learn to design and invent. Using the EdBlocks and EdScratch software, these programmable robots will open up the world of coding and bring computer science to life. Students will take home their kit to continue exploring with Edison.

- **Edison Robot Fee: \$75**

## **27) ESPORTS ARENA**

### **Session 1 & 2**

Esports and casual competitive electronic gaming is a billion-dollar industry, and high schools and colleges are responding to the growth of this field by creating programs that can lead to career pathways. Esports provides a sense of community, children learn to create and follow strategies, work cooperatively with teammates and can foster digital citizenship skills and good sportsmanship. Join us in the arena as we delve into a variety of age appropriate Esports titles and genres including Rocket League, Fortnite, Among Us, League of Legends, Starcraft and more!

- **Esports Fee: \$75**

## **28) FASHION ILLUSTRATION: SKETCH SCHOOL**

### **Session 2**

Calling all fashion designers! Campers will be introduced to beginner fashion illustration techniques. Students will learn basic skills of the trade, such as drawing a fashion croquis (or illustration) and learning to illustrate movement. All designers will create a fashion mood board to display their creations. Join the fun and live out your passion for fashion!

## **29) FENCING**

### **Session 1 & 2**

En garde! Learn the exciting Olympic sport of fencing! Parry, cut, and lunge, as you improve strength, coordination, focus, balance and more. Fencing is a high-speed, exhilarating sport that relies on quick wits and cunning, and engages the entire body along with the mind... most importantly, it's FUN!

- **Fencing Fee: \$100**

## **30) GRAPHIC DESIGN STUDIO**

### **Session 1**

We will explore the methods which graphic designers use to communicate their ideas with impact, including playing with positive and negative space, scale (size,) color, typography and much more. Explore fun activities that will stimulate our creative problem-solving skills. We will discuss examples of creative work by professional designers. Produce your ideas by making drawings and collages and then work to complete our designs. Projects will include T-shirt designs, posters, and animated graphics.

- **Graphic Design Fee: \$50**

### **31) INTRODUCTION TO GUITAR**

**Session 1 & 2**

In this beginner-friendly course, young musicians will learn the basics of guitar playing, including chord progressions, strumming patterns, and simple melodies. From holding the guitar properly to playing their first song, this class introduces children to the joy of music. Playing guitar also helps in developing fine motor skills, enhancing concentration, and fostering a lifelong love for musical expression.

### **32) IT'S A SMALL WORLD**

**Session 1**

Through music and songs, we will discover many countries and their musical culture: Korea, France, Ireland, Africa and the United States. You will build a likembe, also called kalimba and make your own "one of a kind" instrument out of recycled materials.

### **33) JEWELRY DESIGN**

**Session 1**

This imaginative class centers around the design and creation of beaded jewelry. Color, pattern and individual style using beads, jewels, shells and feathers will set your designs apart! Bracelets, earrings, necklaces, pins, jeweled masks and anything you design is sure to give competition to prominent stores like Tiffany's.

### **34) JUNIOR VARSITY**

**Session 1 & 2**

Specifically designed for 5-7 year olds, this sports activity and recreational games program is a wonderful introduction to the world of sports. All activities are designed to enhance and develop motor skills, coordination and sportsmanship through active play and instruction. Some of these activities include: running games, parachute challenges, throwing, catching, kick ball and more.

### **35) K'NEXplorations**

**Session 1 & 2**

Dive into a world of creativity and engineering and become master builders using K'nex. This hands-on class encourages children to think outside the box as they construct everything from towering skyscrapers to intricate vehicles, learning about basic engineering and architectural principles along the way. Campers work both individually and in teams, fostering problem-solving skills and collaboration. This is an ideal environment for young builders to unleash their imagination, develop fine motor skills, and gain confidence in their ability to create amazing structures.

### **36) LEGO MINDSTORMS**

**Session 1 & 2**

Bring the fascinating world of robotic technology alive with Lego Mindstorms EV3 Robots! This robotics course teaches the students the principles of assembling and operating an interactive Lego Robot. Mathematical standards will be addressed as well as hands on building of mechanical and electrical systems in robotics. Accurate measurement, geometric relationships, problem solving and reasoning skills will be stressed for success. Students will bring science to life utilizing many possible Lego designs in addition to their own creations.

### **37) LEGO WEDO ROBOTICS**

**Session 1 & 2**

Introduce robotics and computer programming with the award-winning Lego WeDo! This is a hands-on, challenging and fun way to learn about robots! This class will expose students to engineering, logical thinking, computer programming and team working skills. Campers will build a variety of robots with Lego's and program their models to complete challenges, enhancing creativity and problem-solving abilities.

### **38) MAGIC: THE GATHERING**

**Session 1 & 2**

Back by popular demand! A game battle in which you and your opponent represent powerful sorcerers attempting to drive each other from the lands of Dominia. Your deck holds your tools: creatures, land, spells and artifacts.

### **39) MINDFUL ART**

**Session 1 & 2**

Campers will create works of art that encourage and facilitate a relaxed, peaceful state of mind. In a friendly, creative, judgment free zone students will be encouraged to tap into and connect with their mind, body, and soul that they will express through visual arts. Campers will experience working in many mediums including colored pencil, paint, collage, and more. They will explore making mandalas, gratitude jars, dream catchers, dream paintings and beyond.

### **40) MINI CHEF**

**Session 1**

Mini Chef will introduce campers to kitchen awareness. Whisk up some fun making macaroni and cheese bites, breakfast bars, Rice Krispie creations, and learning how to bake and decorate cookies and more. In this hands-on course campers are introduced to the basics of cooking in a safe and nurturing environment. We will learn fundamental skills such as measuring, mixing, preparing ingredients and following recipes.

- **Mini Chef Fee: \$100**

### **41) MINI NINJAS**

**Session 2**

In this active class designed for younger campers, they will have fun exploring movement through creative elements. Utilizing props and obstacle courses, all will be physically challenged in a multitude of ways, helping them gain body awareness and coordination. Campers will explore a range of movements including dynamic jumping, leaping and running as well as more controlled balance and stretching.

### **42) MONEY MATTERS**

**Session 1**

Navigate the world of money management in this personal finance class. Campers will learn the fundamentals of personal finance, including budgeting, saving, and the basics of banking and investment. Through interactive activities and real-life scenarios, we will gain an understanding of how to manage money wisely, the importance of financial planning, and the value of smart spending and saving habits. This class is a vital step towards financial literacy, equipping children with the skills to make informed financial decisions in the future.

### **43) MR. MEN AND LITTLE MISS ART**

**Session 1**

Step into the colorful and expressive world of the Mr. Men and Little Miss series in this art class. Through the charming characters of these beloved books, young artists will explore the vast spectrum of emotions and feelings, learning to express themselves creatively. Using various art mediums, they will create their own imaginative characters and scenes, reflecting different moods and sentiments.

#### **44) NINJA WARRIOR**

#### **Session 2**

In this active class, campers will have fun exploring movement through creative elements. Utilizing props and obstacle courses, all will be physically challenged in a multitude of ways, helping them gain body awareness and coordination. Campers will explore a range of movements including dynamic jumping, leaping and running as well as more controlled balance and stretching. Speed and endurance will be improved as well as elements of engagement and focus. The goal of this class is to build body confidence and have fun.

#### **45) PICKLEBALL**

#### **Session 1 & 2**

This fast-growing sport combines the elements of badminton, tennis and ping pong. Played on a court with paddles and wiffle balls, pickleball is simpler than tennis and fun to play with your friends.

#### **46) PINBALL WIZARD**

#### **Session 1 & 2**

Construct your own PinBox Pinball machine with two interchangeable playboards that you will design. For makers, creative thinkers and game designers, the PinBox 3000 is a tabletop cardboard pinball kit that artfully integrates mechanical engineering, physics, sculpture, product design and performance! Light up your play board and be ready to "Tilt the Future!"

- **Pinball Kit Fee: \$50**

#### **47) PIXICADE GAME MAKER**

#### **Session 1**

Have you ever wanted to create your own video game? Do you like to doodle or draw? In this class you will learn how to make your very own video games using Pixicade! All you need to do is draw, then watch your doodles magically come to life as playable games. Campers will learn to use the exciting new Pixicade App and its editing and Power-Up features! This exciting class will teach campers game mechanics and concepts through STEAM and literacy exploration and mini drawing lessons. At the end of the session campers will have a collection of games they created from the stories, characters, goals, worlds, hazards and game challenges developed in class.

- **Pixicade Kit Fee: \$30**

#### **48) POKEMON TCG**

#### **Session 1 & 2**

Pokemon TCG is an exciting and longtime favorite card game of strategy and skill where campers collect, train, and battle the cute Pokemon characters that inhabit their world. Beginning and experienced players will take on the role of a Pokemon Trainer and play another Trainer to knock their opponent's Pokemon out of the battle! Your camp Pokemon deck will be supplied and booster packs await the masters!

- **Pokemon Fee: \$25**

#### **49) PUPPETRY WORKSHOP**

#### **Session 2**

We will make several different types of puppets including shadow, hand, finger puppets, and simple marionettes, using a variety of materials including fabric, paper, polymer clay, and papier mache. We will also build and decorate a theater, and at the end of the session our puppeteers will rehearse and perform in a show as part of the KP The Reluctant Dragon theater production.



### **50) RASPBERRY PI**

#### **Session 1 & 2**

Unlock the potential of the world's smallest, most affordable, and incredibly powerful computer – the Raspberry Pi! Originating from a British endeavor to revolutionize computer education, the Raspberry Pi introduces you to the real essence of computing. From mastering Linux shell commands to diving into basic programming with scripting languages, you'll embark on a journey of digital discovery. We will explore the limitless capabilities of the Raspberry Pi 5, to equip you with the skills to play games, engage in web browsing, and tackle a myriad of projects. Each camper will receive a basic Raspberry Pi starter kit and a project guide, ensuring you leave with the tools and knowledge for endless experimentation. Get ready to unleash the potential of this pint-sized powerhouse!

- **Raspberry Pi Kit Fee: \$150**

### **51) RECYCLED ART**

#### **Session 2**

Repurposing materials is a great way to be ecologically conscious. We can recycle empty jars and containers and turn them into wonderful works of art! We will use paper, paint, twine and found objects to decoupage, embellish and beautify empty cans, bottles, drawer dividers, boxes, paper bags and flower pots.

### **52) ROBLOX GAME DEVELOPER**

#### **Session 1 & 2**

Roblox is one of the largest online gaming platforms, with millions of games created by its users. Students will learn to use the Roblox Editor and the Lua coding language to create adventures which can be published to smartphones, tablets, desktops, or consoles. They will explore programming concepts such as loops, arrays, and more on their journey and will learn fundamentals of game making including game mechanics and level design.

### **53) ROCKET UNIVERSITY**

#### **Session 1 & 2**

Campers will train to be real “rocket scientists” and “aerospace engineers” in this inspired offering. In “Rocket University” you will learn about the history of rockets from ancient Chinese fireworks, to modern day spacecraft and military applications while discovering principals of launching, trajectories, thrust, navigation, flight paths, altitudes, orbits, recovery methods, safety and more! Students will receive their individual rocket kits and assemble them while applying what they have learned to their design and construction. You will launch your rockets and record data.

- **Rocketry Fee: Session 1 - \$120, Session 2 - \$100**

### **54) SEUSSVILLE**

#### **Session 2**

Join us in Whoville as we enter the wonderful worlds created by Dr. Seuss and his captivating, hilarious books and characters. We will explore many of his famous tales and artistically create our favorite characters like The Cat in The Hat, Horton, Star-Belly Sneetches, Red Fish, Thing 1 & 2, Yertle the Turtle, The Lorax, Fox in Socks and others! We will work with various art materials and decorations to make the characters we love and allow our imaginations to design our own Seuss inspired friends.

### **55) SOCCER**

#### **Session 1 & 2**

Soccer is the most popular team sport in the world. Learn the strategies for playing offense and defense and improve your dribbling, passing and shooting skills in this fast paced, action-packed class.

**56) STAGE DOOR****Session 1**

Enter the world of theatrical production! Learn the art of costume and set design. Under the guidance of our artistic director, we will research, measure, design and create original costumes for the musical theatre productions of "Matilda Jr." and "KP The Reluctant Dragon". Costumes / scenery will be constructed of fabric, paper, foam board, paint and other materials. This imaginative behind the scenes process will bring our production to life and provide an awareness of the importance of stagecraft and design skills to the production. Participants from the theatrical cast are encouraged to join and other non-performers are all welcome!

**57) STOP MOTION LABORATORY****Session 1 & 2**

Whether you love drawing, painting and sculpture or whether you would like to write stories or act out dramatic scenes, you will have fun exploring the possibilities of animation. Spend a little time learning the basics of handling the camera setup and stop-motion app, then let your imagination take off as you bring your drawings to life, or create your own 3-D characters with modeling clay. You can also use small toys, or even animate real people in your films. Students will receive a digital copy of their films.

**58) SURVIVOR 2.0****Session 1 & 2**

Orienteering, wilderness survival and emergency preparedness is about more than just lighting a fire and pitching a tent. Survivor 2.0 has been reimaged to inspire both new and returning campers. Campers can build a water filter from found objects, use emergency signaling methods, build shelter, find food, make emergency fires more than 5 different ways...even with a cell phone. First aid simulations, scavenger hunts, and geocaching challenges will teach campers valuable life skills. Our session will end with a "wild marshmallow" hunt, s'mores, stories and songs.

**59) SWIMMING****Session 1 & 2**

Learn to swim and have a splashing good time in the wonderful indoor pool this summer. Swim instruction and free swim time will be held on campus each day in the Iona athletic center! Campers must provide a swim suit, towel, goggles and Ziploc bag for wet items.

**60) TAE KWON DO****Session 1 & 2**

Literally "the art of kicking and punching", Tae kwon do is a martial art that has developed over the course of thousands of years with the earliest records of its practice dating back to 50 B.C. from Korea. It is a highly disciplined art of self-defense, physical prowess, and moral discipline. It is distinguished from other martial arts by its varied and unique powerful kicks.

**61) TOY INVENTORS WORKSHOP****Session 1 & 2**

Through imagination and creativity, students will build and create their own toys using the concepts of simple machines. Concepts of design and engineering will be incorporated to infuse learning into this fun class. Catapults, dart boards, dinosaurs, castles, ring toss, and bridges are just a few of the things students will create. The culminating project will be an original toy/project/invention of reflecting your camper's dynamic ideas.

- **Inventor Fee: \$40**

**62) THIS LAND IS YOUR LAND****Session 2**

Discover the beauty of Folk and Native Heritage music by learning songs that explore these meaningful times. Have fun singing and learning the historical nature and cultures that inspired songs like Yankee Doodle, I've Been Working on the Railroad, This Land is Your Land, Oh Susannah and more!

### **63) TURBO TRUCKS**

#### **Session 2**

How would you like to race a remote-control truck on the Challenge Speedway? In this class you will have the opportunity to race a fully ready Traxxas Rustler known for fun and durability and with more power, smoother control, better grip, and performance that makes it one of the fastest electric trucks available. Race your car on outdoor courses that you design with cones, ramps and more. Campers will take home their car/equipment. With Traxxas' exclusive waterproof electronics, your Rustler can blast through dirt, puddles, mud and even snow, your R/C adventures are limited only by your imagination. See your car at <https://traxxas.com/products/models/electric/37054-1rustler>

- **Truck Fee: \$200**

### **64) ULTIMATE FRISBEE**

#### **Session 1 & 2**

Ultimate Frisbee is an exciting, non-contact team sport that is played throughout the world and whose popularity continues to rise. Ultimate is a unique mixture of Frisbee, football and soccer, providing an exhilarating workout. The spirit of the game stresses sportsmanship and fair play.

### **65) UNITY GAME MAKER**

#### **Session 1 & 2**

Calling all aspiring video game developers! Using the Unity game engine, students will create a 2.5D platformer using various 2D, 3D, & Sound assets. The goal of this course is to have students design an appealing and fun game that gives them a solid foundation in programming. Campers will be able to create their own C# scripts that control behavior of the objects on screen as well as modify pre-written code provided by the instructor. Whether you have experience in coding or not, all that is required is a little bit of creativity and a passion for video games.

### **66) VIVE LA FRANCE – ÉDITION OLYMPIQUE**

#### **Session 2**

Hop aboard the TVG and travel to Paris and the provinces of France. Discover the French countryside and Versailles. Traverse the Loire River, villages, food, and music. Students will pack their suitcase and travel with a real boarding pass and train tickets from the SNCF. This is a very interactive program including role-plays to allow students to learn the basics of the French language. Allons-y!

### **67) THE VOICE**

#### **Session 2**

Sing, dance, and shine in our dynamic vocal and musical theater performance class, perfect for children who love to be in the spotlight. This lively course includes a wide range of music, from catchy Pop Hits to enchanting Broadway Showtunes and beloved Disney classics. Students will develop their singing and performance skills through voice training, choreography, and expressive acting, preparing them for thrilling end-of-course performances. It is an ideal environment for young performers to build confidence and have fun while singing their hearts out to their favorite tunes.

### **68) WIX WEB DESIGN**

#### **Session 1 & 2**

Creating interesting, dynamic Websites begins with knowing how to use the tools of Web design. We will be mastering Wix, an online software tool that will allow campers to create professional looking content. Through exploration of design concepts such as layout, contrast, readability, and interactive elements we will develop an understanding of what makes a great user experience. Campers will create websites on a variety of topics including movie reviews, game history, favorite musical genre, "how to..." and more. We will develop documentation skills through digital photography, explore proper digital citizenry and etiquette, and create interactive Web sites that will showcase campers' interests.

## **69) YOGA**

### **Session 1 & 2**

Learn to relax and let go of control by experiencing the power and concentration found in yoga exercises. While stretching is certainly involved, yoga is really about creating balance in body through developing both strength and flexibility. This is accomplished through the performance of poses or postures, each of which has specific physical benefits. Proper exercise clothing required: loose pants, T-shirt and yoga mat.