

# MACLAY

SUMMER CAMP DIRECTORY



MACLAY SCHOOL

Be Inspired. Be Determined. Be Unstoppable.



Be sure to look for these additional options that can be added on to other camps for an additional fee. The on-line registration will be displayed when these options are available.

### **Early Dropoff**

Early Drop Off is available for a number of sessions and will be held Cartee Gym between 7:30 am and 8:30 am.

### **Lunch Bunch**

Lunch Bunch is 12-2:45 and extends the day for our morning campers.

### **Extended Day Care**

Add more playtime to your camper's day with the extended day option from 2:45pm-5:30pm



## **DAY CAMP**

Grades 1-5

The Maclay Summer Day Camp will once again provide a range of activities that leaves its campers happy, excited, and exhausted. This well-staffed camp is FUN as well as meaningful.

Morning activities will include computer games, swimming, kickball, 4-square, arts & crafts, capture the flag, relay races, swimming, and many more. All of these activities will be conducted on Maclay's campus. Friday Trips: Blue Springs, Wakulla Springs Afternoon Trips: Movies, Skate World, and either Blue Springs or Wakulla Springs Maclay has its own gymnasium, locker rooms, swimming pool, and transportation. Campers will be transported to all activities off-campus by a Maclay school bus.

The \$195.00 a week tuition covers all costs, admissions, etc. however, it does not cover the cost of additional items (snacks from movies, games from Skate World, etc.) A snack will be provided by the camp each morning and lunch will be provided at noon. A swim test is necessary prior to pool participation. For our Friday trip to either Blue Springs or Wakulla Springs, this is a SWIMMING ONLY trip (there are no other activities). Of course, there is a sandy shallow area for our beginner swimmers, but we will not be taking campers to gift shop or other parts of these locations.

Instructors: Camp Director Liz Hunter along with other camp counselors and aids.

## **HOGWARTS CAMP**

Grades 4-6

Ever wanted to experience the wonder of Hogwarts, the deliciousness of Butterbeer, the excitement of magic classes? Our Hogwarts Maclay Camp will provide all that with fun activities like House Sorting, Spell Learning, Potion Making, and more. If your child is a Harry Potter fan, this week will be an incredible chance to apply reading, writing, and math skills while indulging his/her love for one of the most iconic series of this generation.



This week will be magical and help foster a lasting passion for reading. This summer camp will be for upcoming fourth, fifth, and sixth grade Harry Potter enthusiasts. Robes and magic wands will be provided to make this week in the Wizarding World all the more fun. Instructor: Middle School Head Barbara Rubio-Gomez

## KINDERGARTEN CAMP

Kindergarten Camp is a wonderful way for your child to spend the summer. This camp is for children entering or exiting Kindergarten. For those entering Kindergarten, it is a great way to transition into life in the “big school.” Exiting Kindergarten children thrive on this fun, self-contained and creative environment too! We offer a half day or full day of thematic learning and play. The day is filled with stories, songs, movement, art activities as well as indoor and outdoor play. Instructors: Lower School Kindergarten teacher Barbara Cairns leads a team of faculty and aids.

### Themes

Wk 1	June 1st - 4th	Splash into Summer
Wk 2	June 7th- 11th	Under the Big Top
Wk 3	June 14th-18th	Storybook Summer
Wk 4	June 21st - 25th	Dino Days
Wk 5	June 28th - July 2nd	Party in the USA
Wk 6	July 6th - 9th	Colorful Creations
Wk 7	July 12th - 16th	Gone Camping

## PRE-K CAMP

Join us for a week of summer fun and learning. Each week, a different theme will incorporate hands-on learning centers with arts and crafts, stories, music, movement, and outdoor activities. Pre-K campers must be 3 years old by Sept. 1, 2021 and must be potty trained. Only 4-year-old campers are eligible for the extended day option. Campers enrolled in Lunch Bunch need to pack their own lunch.

June 1-4: Under the Big Top

June 7-11: A Bug’s Life

June 14-18: Artful Antics

June 21-25: Science & Nature

June 28-July 2: Planes, Trains, & Autos

July 5-9: Red, White, and Blue

July 12-16: Under the Sea



## MACLAY SCHOLARS CAMP

Grades 1-5

Maintaining and strengthening skills to ready students’ confidence and abilities for the upcoming year. A daily rotation of math and language arts helps to fill our day. Also incorporated are art, science, computer science, and other opportunities for exploration and growth. Kids will have a chance for time on the playground as well. NOTE: Please send snack daily. Campers have the option to join Day Camp each afternoon. On Fridays, campers can choose to attend the Day Camp all-day Field Trip or attend the Friday session of Scholars Camp. Instructors: Lower School faculty members Laura Armstrong and Blake Hicks

## UPPER SCHOOL BRIDGE- MATH

Grades 9-12

Prepare your child for maximum success! The Upper School Bridge Math Camp is for students who want to hone their skills in Math and prepare for the upcoming school year. There will be fun and enriching skill building exercises and activities that will pave the way for a year full of success and confidence.

Math skills covered:

- Order of Operations
- Solving Equations
- Exponents
- Writing Equations of Lines
- Graphing
- Factoring

Students may bring a snack and water bottle

Instructor: Upper

School Math teacher Mrs. Angela Croston

## UPPER SCHOOL BRIDGE- ENGLISH

Grades 9-12

Prepare your child for maximum success! The Upper School Bridge English Camp is for students who want to hone their skills in English and prepare for the upcoming school year. There will be fun and enriching skill building exercises and activities that will pave the way for a year full of success and confidence.

English Skills Covered:

- Goals
- Lit terms
- Annotation
- Reading Poetry / Reading Short Stories
- Writing: ideas, organization, voice, word choice, sentence fluency, conventions (grammar)

Writing: MLA citation; parenthetical citation

Instructor: Upper School English Teacher

Lauren Fantle



## CREATIVE THEATER & DANCE CAMP

Grades: K-6

Maclay is offering five separate camps for kids who love theater and dance. Entering grades K-6.

Camps are listed below:

### June 1-4 Fro-zone!

Join us on a journey into the unknown! Our adventurous camp will take us on an adventure to find acts of true love, learn the meaning of selflessness, and learning to trust the journey! We will create Frozen inspired crafts, design simple costumes, make props, and construct a simple set for our performance. Parents will also receive a

digital copy of the performance as a camp souvenir!

### June 7-11 Off to Neverland!

This adventure is for dancers, actors and actresses who enjoy wishing on a star! Join our group of fairies, scallywags, and children who never want to grow up! We will make several pirate or fairy crafts, design costumes, build props, and construct a simple set to take us to Neverland! Parents will also receive a digital copy of the performance as a camp souvenir!

### June 14-18 Tale as Old as Time!

This adventure is for dancers, actors, and actresses who know that beauty is found within! Join our group of teacups, candelabras, villagers, beauties, and beasts as we search to find that something more! We will make crafts, design costumes, build props, and construct a simple set to take us to a far-off land of enchantment! Parents will also receive a digital copy of the performance as a camp souvenir!

### June 21-25 Marauder Dance Company Floor and Field!

\*must be enrolled at Maclay for the 2021-2022 school year

Dancers will learn multiple floor and field routines to perform with MDC during the school year at sporting events. Dancers will perform an outside expo for parents (weather permitting) on the football field at 11:30 on Friday.

### June 28-July 2 Loyal, Brave, and True!

This camp is for dancers, actors, and actresses who seek adventure! Join our group of warriors who are determined to find balance and inner beauty! We will make a craft, design costumes, build props, and construct a simple set to take us to China! Parents will also receive a digital copy of the performance as a camp souvenir!

## UKULELE CAMP BEGINNER

Grades: 3-8

Maclay's Beginning Ukulele Camp is the great introduction for students interested in learning this fun instrument! This is the perfect camp for new students or students with minimal experience. Each day will be filled exploring the foundations of the ukulele, learning simple chords and strumming patterns, reading ukulele tablature, as well as basic melodies. By the end of the week, your student will want to start their own ukulele band! INSTRUMENTS - Maclay has ukuleles that the students may borrow during the camp (but cannot be taken home). Campers may also bring their own ukulele to the camp. You can reach out to our camp director with any questions you might have about the instrument. PREREQUISITES - None! This camp is open to students with no ukulele experience as well as students who have already been playing. Instructor: Lower School Music Teacher Matt Harmon

## 2 SOUL SISTERS FOLK ART CAMP

Grades: 5-8

2 Soul Sisters Folk Art Fest: Kick start your summer off with this camp brought to you by Karen Ray (Westfield School in Perry, Georgia) Kim Daniel (Maclay School in Tallahassee, Florida) Yes, we are both Art Teachers and Sisters! Come join us for a week of Folk-Art goodness. We will enter a creative journey of hands-on art making! Our goal is to use nontraditional tools, mediums and insights to improve your art techniques while growing your own artistic style. We will learn about Sam "The Dot Man" McMillian, Howard Finster, and Bebo just to name a few. Some of our projects will include ceramics, glass, mixed-media, and painting. Our goal is to create 3 projects each day. Yes, 15 original pieces of art made by you by the end of the week.

Instructors: Karen Ray: Westfield School in Perry, Georgia and Kim Daniel: Maclay School

## POTTERY

Grades: 5-8

Pottery camp with Ms. Dressel is a unique opportunity for children to work as actual artist in a professional ceramic studio. Each week young students will learn a variety of ceramic techniques. Children will create on the potter's wheel and use several hand building methods as they unleash their imaginations to create wonderful works of art. Two projects will be made (one hand building and one on the wheel) and sent home with each child.

Instructor: Maclay Visual Arts Teacher Kaitlyn Dressel

## UKULELE CAMP- INTERMEDIATE

Grades 3-8

Our Intermediate Ukulele Camp is a wonderful "next step" for students who have a fundamental knowledge of the instrument. Students will extend their knowledge by learning picking techniques as well as more advanced chord shapes.

Each day will build on the foundations of the ukulele taught in Beginning Camp. Students will continue learning chords and strumming patterns, reading ukulele tablature, as well as basic melodies. They will extend their knowledge by learning picking techniques as well as more advanced chord shapes. INSTRUMENTS - Maclay has ukuleles that the students may borrow during the camp (but cannot be taken home). Campers may also bring their own ukulele to the camp. You can reach out to our camp director with any questions you might have about the instrument. PREREQUISITES - Students should have a fundamental knowledge of the ukulele.

Instructor: Lower School Music Teacher Matt Harmon

## UKULELE CAMP- ADVANCED

Grades: 3-8

Our Advanced Ukulele Camp is for students who have intermediate knowledge of the instrument. Students will extend their knowledge by learning group pieces and improvisation. Each day will build on the foundations of the ukulele taught in the Intermediate Camp. Students will continue learning chords and strumming patterns, reading ukulele

tablature, as well as basic melodies. They will extend their knowledge by learning picking techniques as well as more advanced chord shapes. INSTRUMENTS - Maclay has ukuleles that the students may borrow during the camp (but cannot be taken home). Campers may also bring their own ukulele to the camp. You can reach out to our camp director with any questions you might have about the instrument. PREREQUISITES - Students should have at least 1 full year ukulele experience. Instructor: Lower School Music Teacher Matt Harmon



## ALL SPORTS ACADEMY (COED)

Grades K-8

Let the games begin! This camp will be an amazing mix of your child's favorite sports like football, basketball, soccer, baseball, kickball, dodgeball, capture the flag, handball, tag, relay races and much more. We will bring the games and you just bring your energy and passion for all things sports and fun! The camp will focus on building individual skills and team development as we strive to create the most well-rounded athlete. We can't wait to see you at this exciting sports camp!

Instructor: The staff will be led by Maclay Head Football Coach Lance Ramer (has also coached soccer, basketball, and baseball), Assistant Coaches and Maclay Student-Athletes.

## BASEBALL/SBA CAMP

Grades: 2-7

The Southern Ball Academy at Maclay Baseball Camp focuses on fundamentals and skill development. The daily routine will include work on throwing, fielding, hitting, catching, and base-

running, utilizing the field and covered batting cages. Each camper will receive individualized attention and drills for continued improvement at home. Each camper will leave camp as a better baseball player with a focus on the fundamentals of the game. All campers receive camp T-shirts. Instructor: Southern Ball Academy Coaches

## BASKETBALL BOYS CAMP

Grades 2-8

The Maclay Boys' Basketball Camp is designed to boys in grades 2-8 teach all aspects of the game. From beginning player to seasoned athlete, athletes will work on shooting, ball handling, passing and team play. Campers will have fun learning the technical, physical, and strategic skills of basketball in an appropriate way based on all skill levels. The camp will consist of contests, one on one play and lectures by players and Coach. Championship Day will be on the last day and is always a great end to the camp.

Instructor: Marauder Basketball Coach Gene Granger

## BASKETBALL GIRLS CAMP

Grades: 2-8

The Maclay Girls' Basketball Camp for grades 2-8 is designed to benefit the beginning player as well as the varsity competitor. The daily schedule will center around the fundamentals of shooting, ball handling, and passing while focusing on individual skills as well as team play. Campers will have fun learning the technical, physical, and strategic skills of basketball in an appropriate way based on all skill levels. Open to female players of all skill levels. Instructor: Assistant Athletic Director Rapheal Harris

## CHEERLEADING CAMP

Grades PreK4-5

Do you have spirit? Let's hear it! Catch the spirit of cheerleading at Maclay Cheerleading Camp for grades Pre-K 4 -5th. The camp is designed to improve skills in jumps, stunts, chants, and cheers with an emphasis on safety. There will be a good deal of exercising with an emphasis on conditioning and learning basic dance routines.



Coming from a morning camp? No problem. We'll provide supervision between 12noon and 1pm when Cheer Camp starts. Campers can bring their own lunch or purchase lunch for \$5 a day. Instructor: Former Maclay Cheer Coach Maddie Minacci along with Maclay Varsity and JV cheerleading squads

## **CROSS COUNTRY CAMP**

Grades 6-12

Join Maclay Coach Angie Milford and her staff to run on local trails and train in preparation for fall sports. Sessions will include appropriate running for various ages/levels, along with guidance on better nutrition for athletes, core strengthening & stretching. Younger and newer runners will start out with shorter distances but need to have a strong desire to want to improve as a runner every day! Camp runs Monday-Friday from 9am - 10am. Runners should meet at the Webster Center on the Maclay campus and bring running shoes, water bottle, and a towel for core/strength work. Instructors: Head Coach Angie Milford, Maclay XC assistant coaches, along with other area coaches and former runners.

## **FOOTBALL (COED)**

Grades: 1-8

Let's get ready for some Football! Are you interested in learning about the game, improving your skills or just want to have blast, then this Football Camps is just for you! We will work on fundamentals, individual and group instruction, offensive and defensive skill development, etc. Lastly, we will play games, compete in obstacle courses and all while learning to play this great game of Football.

Instructor: The staff will be led by Maclay Head Football Coach Lance Ramer (3x Coach of the Year and Winningest Coach in Maclay Football History), Assistant Coaches and Maclay Football Players. Just think, Maclay Football Camp today...NFL tomorrow!

## **GIRLS ON THE RUN/YOUTHFUL YOGA**

Grades: 3-5

This two-week camp from 8:30am until 12noon each day is a great opportunity for girls in grades 3rd through 5th. Mornings will begin with a program from Girls on the Run, offering physical activity and dynamic discussions to build social, emotional, and physical skills in every girl while encouraging healthy habits for life. Girls on the Run is an organization inspiring ALL girls to build confidence and make intentional decisions, while fostering care and compassion for self and others. At a mid-morning break, campers will learn how to prepare a healthy snack option.

The second half of the morning will be a Yoga program. "Youthful Yoga" allows girls to practice physical, social emotional and mindfulness benefits while engaging their thoughts and strengthening their bodies! Stretching their minds and practicing novel yoga poses is a great way to instill self-love and stay grounded in an everchanging world. Namaste! Instructors: Lower School faculty member Jane Chambers

## **GYMNASTICS CAMP**

Grades: K-5

Come experience a fun-filled gymnastics camp where many memories and new friendships will be made. In our gymnastics camp we have a flipping good time in a safe environment. Campers will work hard and enjoy achieving their goals. Emphasis will be placed on reinforcing basics while using safe progressions to pursue new skills. The focus of the camp is tumbling, and we welcome beginner to intermediate skill levels. We will be working on everything from cartwheels to back-handsprings. Come join the fun! Please Note: This is a 4-day camp (Monday-Thursday). Campers can choose to join Day Camp each afternoon and then join the Day Camp field trip on Friday Instructor: Judi with JB Mobile Gymnastics

## **LACROSSE CAMP BOYS**

Grades: 2-8

This popular camp includes correct techniques for ground balls, throwing, catching, shooting, fast breaks, unsettled offense/defense, transition, and face-offs. Instructors aim to foster a spirit of

camaraderie while teaching valuable skills that can be applied both on and off the field. Beginners will learn the basics of lacrosse as well as the values of integrity, dedication and teamwork that are inherent within the sport. Campers are encouraged to bring their own lacrosse stick. A limited supply of equipment is available to borrow.

Instructor: Maclay Lacrosse Head Coach Justin VanTassel, Nike National Coach Warrior All-American Coach, 850 Lacrosse Club, Florida Crabs National Team

## LACROSSE CAMP CO-ED

Grades 2-12

This year we are expanding our Maclay Lacrosse Camp to include both girls and boys. Veteran players as well as beginners are encouraged to attend this camp taught by Maclay's Head Coach Justin Van Tassel. Campers will be divided into groups based on skill levels, using specialty coaches to improve the skills of both the beginner and returning player. Our goal is to foster a spirit of camaraderie and to teach valuable skills that can be applied both on and off the field. Lacrosse veterans and returning players will appreciate our challenging curriculum, innovative drills and personal interaction with our specialty coaches. Beginners will learn lacrosse from the ground up. The main purpose for this camp is to prepare our athletes for the local Tallahassee teams' upcoming season. Beginning athletes will learn the basics of lacrosse as well as the values of integrity, dedication and teamwork that are inherent within the sport. We encourage participants to bring their own lacrosse stick to camp.

Instructor: Maclay Lacrosse Head Coach Justin VanTassel, Nike National Coach Warrior All-American Coach, 850 Lacrosse Club, Florida Crabs National Team.

## SOCCER INDOOR FUTSAL CAMP

Age: 6-14

This specialized camp for 6-14 year-olds features soccer skills training based on the highly successful "futsal" training program. "Futsal" combines speed, fitness and agility with dribbling, passing and shooting skills. This is absolutely the best training method to improve first touch control. Players will

also play tournament style games in the afternoons. This program has closed out the past two years so register early.

**What to bring:** Soccer ball, water bottle, tennis shoes, cleats, shin guards, snacks and swim gear. "Beat the heat and play indoors".

## SOCCER ACADEMY CAMP

Age: 6-13

For the 25th year Maclay School has teamed up with Warner Soccer to provide quality programs that meet the needs of all soccer players. This program is open to boys and girls age 6-13. Players will be grouped by age and ability. The camp offers exciting programs focusing on learning individual, technical, and tactical skills. Some of the skills include: passing, receiving, finishing, and dribbling. Each participant will work in small groups and team settings. **What to Bring:** Soccer ball, water bottle, snack, tennis shoes (Full Day), swim gear (Full Day)

## SOCCER MINI KICKERS CAMP

Age:4-5

For the 25th year Maclay School has teamed up with Warner Soccer to provide quality programs that meet the needs of all soccer players. This program is open to boys and girls age 4 and 5. Emphasis will be on developing basic soccer techniques, alongside balance, movement, agility and motor skills, all of which are vital for individual development. All players will learn to be active while playing fun soccer games designed to improve coordination, self-confidence, social interaction and love of the game.

**What to Bring:** water bottle, snack.

## SOFTBALL/SBA CAMP

Grades: 3-9

The Southern Ball Academy at Maclay Softball Camp focuses on fundamentals and skill development. The daily routine will include work on throwing, fielding, hitting, catching, and base-running, utilizing the field and covered batting cages. Each camper will receive individualized attention and drills for continued improvement at home. Each camper will leave camp as a better



baseball player with a focus on the fundamentals of the game. All campers receive camp T-shirts. Instructor: Southern Ball Academy Coaches

## SWIM CAMP

Grades 2-6

Located at Maclay School's Lanier Aquatics Center, Swim Camp is for those campers in grades 2-6 who can already swim but want to further develop their skills while staying entertained (through swim specific drills and games).

8:45 - 9:00 drop off

9:00 - 9:10 warm up

9:10 - 9:45 pool activities

\*15 minutes bathroom / water break

10:00 - 10:30 dryland

\*15 minutes bathroom / water break

10:45 - 11:45 pool activities

11:45 - 12:00 pick up

Campers attending the 4-day camp can choose the Day Camp option which includes lunch each day, the Day Camp activity each afternoon and the all-day Day Camp trip on Friday. Extended Care until 5:30pm is also an option for campers who chose the Day Camp option.

Instructors: United Swim Club Director and Maclay Swim Coach Pavel Sankovich along with various United Swim Club and Maclay coaches

## TENNIS CAMP

Grades: PreK4-12

The Elite Junior Tennis Camps @ Maclay Tennis Academy involves almost 15 hours of tennis and other sport specific activities throughout the course of the week. Located at the Maclay's Lewis Tennis Facility and Courts, campers in grades Pre-K 4 - 12 will receive a comprehensive overview of the seven fundamental strokes in tennis:

- Forehand Topspin
- Backhand Topspin
- Backhand Slice
- Forehand Volley
- Backhand Volley
- Overhead
- Serve

Whether a beginner, intermediate, or advanced player, campers will focus on performing drills,

developing championship skills, and improving their knowledge of the sport of tennis.

Our extremely well-trained coaching staff with 75+ years of coaching experience at High School, Division I College and Professional Level are ready to make this experience fun and enjoyable with prizes/candy and other team competitions, including world cup soccer and some lightning ball. Lunch is included.

Instructors: Oliver Foreman, Director of Tennis at Maclay along with Maclay Varsity Coach Mary Phillips Smith, JV Coach Susan Gray, Middle School Coach Tonya Bastien, and various other Maclay and Elite Junior Tennis Coaches.

## VOLLEYBALL CAMP

Grades: 3-8

The Maclay Volleyball Camp is open to all experience levels, focusing on the basics including fundamental techniques and team building designed to benefit the beginning player by emphasizing the basics along with team play. The daily schedule will consist of fundamental sessions on a variety of skills including the overhead pass, digs, spikes, blocking, and the overhead serve. Conditioning, video instruction, and actual game experience will be included



## COMMUNITY SERVICE CAMP- ALL HANDS IN

Grades: 9-12

High school students who are interested in serving their community will be able to volunteer with local organizations during a one- or two-week period this summer. Drop-off and pick-up will take place at the Maclay School campus where camp participants will then have transportation to the

volunteer work sites. Students will earn a minimum of 35 community services hours during one week of the camp. Volunteer sites may include Ability 1<sup>st</sup>, the Humane Society, Goodwood Museum, Second Harvest, United Way of the Big Bend, among others.

Instructor: Maclay Upper School Faculty member Caroline Scheer

## **MINDS IN MOTION- FORKLIFT ROBOT**

Ages 9-14

Experience the best of robotic technology by assembling and taking home your very own Forklift Robot! Using the wired controller, you can command the robot to move forward, backward, turn, grip, lift, and lower. This amazing robot is like a mini industrial forklift, with the ability to lift up to 100 grams in weight! Using a cardboard pallet, you will create your own material to move to your desired location. You can compete with your classmates on who can transfer it the quickest! This 3 in 1 robot kit also allows you to create and recreate. Put your robot together and take it apart to create the other two modules, the rover and the gripper. Just like a real engineer, you will put your mind in motion with intelligent thinking!

## **MINDS IN MOTION- ROBOTIC ARM TECHNOLOGY**

Ages 9-14

Experience the best of robotic technology by assembling and taking home your very own Robotic Arm Edge! The Robotic Arm Edge consists of five motors used to move its wrist, elbow, and base.

Using the five-switch remote, you can learn how to lift and drop items with an amazing vertical reach of 15 inches and horizontal reach of 12.6 inches.

Command the gripper to open and close and use your robotic arm to lift a capacity of 100 grams! WOW! Added features include a search light design on the gripper and a safety gear audible indicator on all five gear boxes to prevent any potential injury or gear breakage during operation!

## **MINDS IN MOTION- 100 IN 1 STEM LAB**

Ages 8-12

Learn about basic circuit connections as you construct four initial units, Maze Challenge, Flying Disc, Turbo Air, and Alarm System! With Maze challenge, you can build a carnival classic hand eye coordination game where a metal loop is maneuvered around a metal wire. Flying Disc allows you to launch a disc spinning into the air! With Turbo Air, you can use air flow to create a bubble machine, vacuum cleaner, or a floating foam ball! Alarm system allows you to build a functioning spinning LED light with a beeping audio display! As future electrical engineers, the 100 in 1 STEM lab will teach you how to comprehend a schematic diagram, build the circuit, and interpret the flow of electricity! Design your own diagrams and watch your confidence soar as you transform wires, springs, and plastic parts into fully functioning circuits! 100 in 1 STEM Lab will continue to entertain and challenge you for years!

## **MINDS IN MOTION- KIKO.ROBOT.962**

Ages 8-12

Build and take home your very own KIKO.962 robot! This infrared sensor detecting, obstacle exploring robot has spent life traveling the galaxies and surveying uninhabitable regions! KIKO.962 loyally follows any object that approaches it and won't stop until switched back into explore mode.

KIKO.962 has two pre-programmed modes (Follow-me and Explore) and scans its surroundings by using AI (artificial intelligence), I/R (infrared sensor), and six legs which allow it to turn 360 degrees and seamlessly complete obstacles! Once you construct this 192-piece STEAM kit, you will quickly realize this is no ordinary robot. KIKO.962 offers a wonderful sound and light effect, which develops its own emotions and gestures! Create challenging mazes for KIKO.962 to navigate around, or just select Follow-me and enjoy having the adorable robot pursue you

## **MINDS IN MOTION- ELECTRICITY AND MAGNET MANIA**

Ages 7-11

Learn all about electronics, magnetism, and more in this fun and educational hands-on workshop!

Take part in our Minds in Motion electronic lab and take home your very own circuit kit. With the aid of your instructor, simply follow the colorful pictures in your manual to build up to 100 exciting projects such as a flying saucer, alarm, and doorbell! All parts are mounted on plastic modules and snap together with ease. You will also take part and witness many cool magnetic experiments including making and taking home the World's Simplest Motor! See a mysterious spinning top that never stops and witness a cool magnetic sand timer. Watch electricity being produced by a handheld generator and take part in a cool activity involving a very powerful magnet. Behold a special magnetic top levitating and much more!

## **MINDS IN MOTION- BRIDGES AND BUILDINGS**

Ages 7-11

Have you ever been across a bridge and wondered how it works? Get ready to get your mind in motion as you work with and take home your very own Structures Set! Learn all about buildings and bridges and how they literally support our lives!

Experiment with different types of bridges and find out how their architectural design provides massive weight support. Discover all the types of forces applied and how engineers manage to reduce their effects. With your kit, you can build up to nine working models such as a house, pyramid, and various types of bridges: beam, arch, truss, cable-stayed and suspension bridge. You will study theory and learn the history of some amazing structures and historical landmarks. Come bring out the architect side of you as you enter the fascinating world of buildings and bridges and explore the magic of STEM!

## **SEWING- ADVANCED**

Grades 6-8

This course is designed for students in grades 6<sup>th</sup>-8<sup>th</sup> who already know how to use a sewing machine and have already taken a beginning sewing course. Attention to detail and accuracy in measurements is emphasized at this level. During this two-week course, students will learn how to sew buttonholes, zippers, assemble a quilt, how to read a sewing pattern and how to create basic clothing. The cost of the camp includes supplies. THIS IS A TWO-WEEK CAMP.

## **SEWING- BEGINNING**

Grades 3-5

This course familiarizes students in grades 3<sup>rd</sup>-5<sup>th</sup> with the universal knobs and levers of basic sewing machines, teaching them how to thread and maintain a sewing machine, how to properly cut and pin fabric and how to make basic stitches, both with and without the sewing machine. Students will construct various projects throughout this two-week camp. The cost of the camp includes supplies. This is a two-week camp.

## **STEAM INTO SUMMER**

Grades: 3-5

This camp will focus on STEAM (science, technology, engineering, arts, and math) using solar, wind, and water as the source of energy. Campers will explore green energy and cover all aspects of how energy is used in everyday life. The week will include fun educational projects about energy from the sun to create art and make s'mores, and energy from the wind to propel boats that they design and build. Students will also work with circuits and electricity to light up bulbs and create a t-shirt to wear to camp. Instructor: Lower School faculty member Kelsey Stalter

## **CHESS CAMP INTRODUCTORY TO ADVANCED**

Ages 5-16

USA Chess is the largest and premier chess camp organizer for children in the United States. The staff is comprised of the finest children's chess



instructors in North America. Registration options include mornings, afternoon, and all-day sessions. Campers experience chess instruction and play in a fun-filled environment designed to improve their skills whether they are interested in casual or competitive chess. Tuition includes a trophy, a chess set, and much more. Please visit: [www.activelearningcamps](http://www.activelearningcamps) for program details.

## **VIDEO GAME CREATION MODDING, NETWORKING, AND HOSTING WITH MINECRAFT**

Ages 8-16

Minecraft is hugely popular because it's collaborative, open-ended, and moddable. Our program preserves those qualities and adds a large dose of fun! The week begins with learning the game, controls, recipes, and a bit about hosting & networking. Next, campers are connecting to different worlds hosted on our secure server and experimenting with character skins, mods, and custom maps. By day three, the kids are building in the Active Learning World that grows over time. Whether adding a room, building a moat, or even creating a chessboard, the possibilities are nearly limitless. This is a half-day program. Students can add an additional program to make it a full day camp.

## **VIDEO GAME CREATION**

Arcade Style - Like Pac Man & Asteroids

Ages 8 - 16, Introductory to Intermediate

The Arcade course is a program where the game that is created has the action for each level all on one screen, similar to Centipede, Asteroids, or Pac Man. The main character (which the children create) can be anything. Other characters (enemies) pursue the main character from off the screen or move about the screen. The character dodges the attacks of the enemies while scoring points for picking up objects and destroying the enemy objects. Options are endless, and children create level after level for a full week of fun. This is a half-day program. Students can add an additional program to make it a full day camp.