# The Montessori School *of* Raleigh



## June 7 to July 30, 2021 Registration opens January 25, 2021

SummerScape 2021 at The Montessori School of Raleigh (MSR), offers engaging, hands-on experiences for children ranging in age from 15 months to grade eight. Parents and campers can choose from a wide array of full or half-day sessions focused on arts, STEM, athletics, enrichment, and more – all taught by experienced MSR teachers and other area experts. There's something for everyone!

Camps will follow The Montessori School of Raleigh's COVID-19 protocols, with camps and campers organized by cohorts designed to help prevent COVID spread. Toddlers, kindergartners, and elementary school campers will enjoy the school's beautiful Lead Mine campus while middle schoolers will be on the new, state-of-theart Brier Creek campus.

#### **Table of Contents**

Grade	Page
Toddler	2
Children's House	3-11
Lower Elementary	12-15
Upper Elementary	.16-19
Middle School	20

## **Toddlers** Ages 15 months to two years

Designed for toddlers from 15 months to two-years old, these half-day and full-day sessions offer fun, learning, and socialization for our campers in our toddler Montessori classroom. Children will engage in hands-on activities focused on a new theme each week as they are encouraged to move independently throughout the classroom choosing works that are of interest to them. Activities involve tie dying, art projects, cooking projects, and more! Each session is limited to an enrollment of nine children.

#### **AM Half Day**

9 a.m. – Noon (No lunch) \$175 per camper/week

#### **Full Day**

9 a.m. - 4 p.m. (Includes time for lunch) \$350 per camper/week

#### **Early Bird**

8-9 a.m. \$75 per camper/week

\* Cool Down (after-camp care) is not available during SummerScape 2021.

#### Session 1: June 7-11

AM & Full Day Theme: Bugs/Insects

#### Session 2: June 14-18

AM & Full Day Theme: Space

#### Session 3: June 21-25 AM & Full Day

Theme: Transportation

### Session 4: June 28 - July 2

AM & Full Day Theme: Beach and Water Play

#### Session 5: July 6-9 (four days)

AM Cost: \$150 | Full Day Cost: \$300 Theme: Farm Animals

## Session 6: July 12-16

AM & Full Day Theme: Camping

## Session 7: July 19-23

AM & Full Day Theme: Eric Carle

### Session 8: July 26-30

AM & Full Day Theme: Fruits and Vegetables<sup>2</sup>

# **Children's House Explorers**

For three year olds

This program comes highly recommended by parents and teachers alike. Geared to helping children transition from a toddler program to pre-K and kindergarten, campers in the Children's House Explorers sessions build skills, independence, and confidence in an environment rich with age-appropriate experiences like small and large motor works, cutting, painting, matching, sorting, science and many of the Montessori sensorial materials. Campers practice grace and courtesy, sitting at the meeting, playing on our bigger playground, follow-through (putting works away), and toileting. This camp offers a smooth transition to Children's House classes for our MSR families and for any child moving from daycare to pre-kindergarten in the fall. Each session is limited to an enrollment of 12 children.

### **AM Half Day**

9 a.m. – Noon (No lunch) \$175 per camper/week

## **Full Day**

9 a.m - 4 p.m. (Includes time for lunch) \$350 per camper/week

## **Early Bird**

8-9 a.m. \$75 per camper/week

\* Cool Down (after-camp care) is not available during SummerScape 2021.

### Session 1: June 7-11

AM & Full Day

#### **Under the Sea**

Dive into the world of all things water and sea life! Campers will create octopus art, dancing squids, shark puppets, fish paintings, and egg carton turtles. They'll also read A House for Hermit Crab, Swimmy, Octopus, and more. Full-day campers will wind down after lunch with a nap or quiet time followed by more sea-themed activities.

## **Children's House Explorers**

For three year olds

#### Session 2: June 14-18

AM & Full Day

## A Bug's Life

Get ready for *The Itsy Bitsy Spider*, *The Very Hungry Caterpillar*, and *Ladybug Girl*. Campers will explore the tiny world of bugs and create their own bug masks, butterflies, snail art, and bug necklaces. Full-day campers will wind down after lunch with a nap or quiet time followed by more bug-themed activities.

### Session 3: June 21-25

AM & Full Day

#### Our Land

Discover our world with all things earth! Campers will try their hands at rock painting, clay figures, planting, mudpies, and sand painting. They'll also read books such as *Little Island*, *Under the Ground*, *Everybody Needs a Rock*, and more. Full-day campers will wind down after lunch with a nap or quiet time followed by more earth-themed activities.

#### Session 4: June 28 - July 2

AM & Full Day

### Up in the Air

Campers will spend their week with their eyes in the sky. They'll create rainbow art, airplanes, windmills, and kites! Favorite books for the week will be *All the Colors of the Rainbow*, *In the Air*, and *What Will I Be Today*? Full-day campers will wind down after lunch with a nap or quiet time followed by more sky-themed activities.

## Session 5: July 6-9 (four days)

AM Cost: \$150 | Full Day Cost: \$300

#### **Water Exploration**

This shortened week will not be short on fun in the sun. Campers will dive into the world of water by creating oil and water jars, boats, seashell paintings, and more. Favorite books for the week are *Scaredy Cat*, *The Little Boat*, and *Fishing on Long Pond*. Full-day campers will wind down after lunch with a nap or quiet time followed by more water-themed activities.

## **Children's House Explorers**

For three year olds

## Session 6: July 12-16

AM & Full Day

## **Birds in Flight**

Campers will fly like an eagle this week as they immerse themselves in the world of birds. They'll read *Owl Babies, Little Green,* and *Cock a Doodle Hoo* and create paper plate cardinals, binoculars, bird mobiles, and owl art. Full-day campers will wind down after lunch with a nap or quiet time followed by more bird-themed activities.

### Session 7: July 19-23

AM & Full Day

#### **Farms and Gardens**

Old MacDonald had a farm. Ee i ee i o! Campers will get their hands dirty this week as they explore fruit and veggie stamping, flower arranging, carnation colors, flower and leaf collages, and rubbing cards with leaves. Favorite books are *Over in the Garden*, *Sunflower House*, *Jody's Beans*, and more. Full-day campers will wind down after lunch with a nap or quiet time followed by more farm- and garden-themed activities.

### Session 8: July 26-30

AM & Full Day

#### **Wild Animals**

It's a jungle at camp! Campers will learn all about wild animals while reading *Rumble in the Jungle, Owen and Mzee*, and *Look Alike Animals*. They'll also sponge-paint giraffes, create spiral snakes, and paint tigers! Full-day campers will wind down after lunch with a nap or quiet time followed by more sea-themed activities.

Ages three and four

Designed for children three and four years of age, these weekly sessions offer engaging activities and plenty of time for children to socialize with peers, explore, and discover the world around them. Sessions offered from June 7 – July 30. Each session is limited to an enrollment of 12 children.

NOTE: For MSR families – rising Children's House students are not eligible for Camp Three & Four, rather they should enroll in The Children's House Explorers camp which is specifically geared toward their specific age group/grade level.

#### AM

9 a.m. – Noon (No lunch) \$175 per camper/week (unless otherwise noted)

#### **Full Day**

9 a.m.-4 p.m. (Includes lunch) \$350 per camper/week (unless otherwise noted)

## **Early Bird**

8:00 - 9:00 AM \$75 per camper/week

\*Cool Down (after-camp care) is not available during SummerScape 2021.

### Session 1: June 7-11

AM Cost: \$200 | Full Day Cost: \$400

#### **Amazing Adventure**

Become a pirate and explore new adventures! Led by Amazing Athletes, campers will hunt treasure, read adventurous stories, create crafts, and so much more.

Ages three and four

## Session 2: June 14-18

AM & Full Day

## **Chimes and Whirligigs**

Craft fantastic wind chimes and whirligigs using recycled and easy-to-find materials. Led by Ms. Cameron Poole, campers will spend their week watching their projects whirl and hearing them ring in the breeze.

#### Session 3: June 21-25

AM & Full Day

#### Bubbles

Who doesn't love bubbles? Campers will have a poppin good time as they create their own bubble concoction, bubble wands, and bubble art. Led by Ms. Cameron Poole, this week will be full of bubbly goodness!

### Session 4: June 28 - July 2

AM Cost: \$200 | Full Day Cost: \$400

### Sports around the World

This week is all about sports! Each day, campers will learn about a new sport from a new country. We'll learn about the country, its culture, and will finish the day playing the new sport. Led by Amazing Athletes, this week will be both informative and full of movement.

### Session 5: July 6-9 (four days)

AM Cost: \$150 | Full Day Cost: \$300

### **Buggin' Out**

Sometimes the tiniest creatures make the biggest impact. Led by Ms. Cameron Poole, campers will learn about the fascinating insect world by making bug habitats, creating bug-inspired crafts and exploring insects through movement and music.

Ages three and four

## Session 6: July 12-16

AM Cost: \$200 | Full Day Cost: \$400

#### Sea Monsters

Let's dive into the deep blue sea! Led by Amazing Athletes, campers will explore the ocean, plants, and animals that live within, and maybe even see a sea monster or two! This is a perfect experience for campers who love arts, crafts, and animals.

## Session 7: July 19-23

AM Cost: \$200 | Full Day Cost: \$400

#### **Amazing Adventure**

Become a pirate and explore new adventures! Led by Amazing Athletes, campers will hunt treasure, ready adventurous stories, create crafts, and so much more.

#### Session 8: July 26-30

AM & Full Day

### Jam Between the Pages

Combine the wonderful world of literature with nutrition in this unique camp led by Ms. Cathy Adams. Campers will explore incredible books and learn about healthy eating – while getting a little lesson in grace and courtesy.

Ages five and six

Campers must be five or six-years old and/or rising kindergarten or MSR Children's House Extended Day students by the start of their first SummerScape 2021 session. Each session is limited to an enrollment of 12 children.

## AM

9 a.m. – Noon (No lunch) \$175 per camper/week

## **Full Day**

9 a.m.- 4 p.m. (Includes time for lunch) \$350 per camper/week

## **Early Bird**

8-9 a.m. \$75 per camper/week

\*Cool Down (after-camp care) is not available during SummerScape 2021.

### Session 1: June 7-11

AM & Full Day

### **Eric Carle**

Explore the world of Eric Carle, one of the greatest children's authors of our time! Take a literary journey with Ms. Karen Richards as campers explore these books and illustrations by Carle: The Very Hungry Caterpillar, House for Hermit Crab, The Grouchy Ladybug, and Draw Me a Star. These stories will provide opportunities for campers to express themselves through hands-on crafts, games, and more!

### Session 2: June 14-18

AM & Full Day

#### **Flower Power**

This week is all about flowers! From simple flower arranging to identifying and learning the names of different flowers, campers will love this engaging and hands-on camp led by Ms. Karen Richards. 9

Ages five and six

## Session 3: June 21-25

AM & Full Day

#### **Dr. Seuss**

Get your "Left Foot, Right Foot" ready and explore some of Dr. Seuss' most famous books. Every day will focus on a different book and special craft led by Ms. Karen Richards.

### Session 4: June 28 - July 2

AM & Full Day

#### **Crafts you Wear**

Have you ever wondered how to make your own clothes and accessories? Join Ms. Karen Richards this week to create your own hats, rings, tie dye shirts, and more! This interactive and fun week is geared for all campers who enjoy being creative and having fun.

### Session 5: July 6-9 (four days)

AM Cost: \$150 | Full Day Cost: \$300

#### **Dino Camp**

Do you know which dinosaur was nicknamed Long Neck or which dinosaur had the biggest head? Ms. Karen Richards invites you to join her on a colossal journey into the prehistoric world. Campers will even build a dinosaur replica and have an archaeological dig – just like a real paleontologist!

### Session 6: July 12-16

AM & Full Day

### **Pond Hoppin'**

Discover all sorts of creatures and plants in our ponds and lakes. Can we find out what is happening under the water? What does a baby frog look like? Join Ms. Jenne Todd as we take a closer look at this environment and make some discoveries.

Ages five and six

## Session 7: July 19-23

AM & Full Day

#### Insectopia

Explore the world of insects in this fun and hands-on session with Ms. Jenne Todd. Campers will get up close and personal with a variety of creepy crawlies and even get to meet a honey bee specialist!

### Session 8: July 26-30

AM & Full Day

#### **Friends with Feathers**

Let us look up, up, up in the sky. Who is flying and where might they be going? Stick your head into the sky with Ms. Jenne Todd and discover the large variety of birds we have in central North Carolina and what makes them so unique.

## **Lower Elementary**

Grades 1-3

These weekly sessions are created expressly for children entering grades one through three in fall 2021. Offering opportunities to create, build, and discover, these camps nurture a child's curiosity and imagination. Each session is limited to an enrollment of 12 children.

## AM

9:15 a.m. - 12:15 p.m. (No lunch)

## **Full Day**

9:15 a.m. - 4:15 p.m. (Includes time for lunch)

## **Early Bird**

8-9:15 a.m. \$75 per camper/week

\*Cool Down (after-camp care) is not available during SummerScape 2021.

## Session 1: June 7-11

## AM Cost: \$200

### Imagineering

You are invited to join a LEGO® imagineering adventure led by Gear Shifters instructors. Campers will spend their week building mechanized versions of their favorite characters from the land of fantasy! Build a Harry Potter® inspired Snitch and Quidditch Match, a Frozen® inspired motorized Sleigh and Running Reindeer, and a Finding Dory® inspired working model of Mr. Ray. Even the Minions® come alive when you construct a Dunk Tank and Dancing Stuart model! Ever wonder what your pets do while you are at school? Build Max the dog and Snowball the rabbit and find out!

### Full Day Cost: \$400

## Imagineering / Remote Control ULVs

In addition to Imagineering, campers will start their afternoon with Remote Control ULVs. Using LEGO® Bricks and Technic® elements, campers will engineer everything from machines to animals. They'll convert their creations to remote control operation by

## Lower Elementary Grades 1-3

incorporating infrared sensors! The week is all about learning the basic principles of the many ingenious devices part of our everyday lives in addition to learning how to magnify or diminish force to move objects at different speeds and directions. All campers take home crafts and a custom mini figure at the end of the week.

### Session 2: June 14-18

AM Cost: \$175 | Full Day Cost: \$350

#### **Stage Makeup**

Learn the ins and outs of stage makeup with Ms. Justine Ulrey. Campers will create animal faces, fairy tale creatures, and even learn how to do special effects make-up including scars and skin trauma. This unique, fun, and informative camp is a must for anybody interested in art, make-up, or working behind the scenes of theatre.

### Session 3: June 21-25

#### AM Cost: \$200

#### **Brick Wars & the Science of Space Exploration**

Inspired by NASA and Star Wars<sup>®</sup>, this week is full of models that will make your imagination blast off! Campers will learn about real-life space exploration and build models related to the NASA space program (not to mention a favorite Star Wars<sup>®</sup> spacecraft, too!). This camp will provide the spark for imagination and creativity to take off on an adventure out of this world. All campers will take home a custom mini figure at the end of the week.

#### Full Day Cost: \$400

#### Brick Wars / Minecraft Universe

In addition to Brick Wars, campers will enter into the Minecraft Universe in the afternoons. Dive into the world of Minecraft® through the use of LEGO® Bricks and Technic® elements! Campers will build and interact with characters and elements from the popular game by constructing motorized and articulated elements from the game. Every day, they'll be faced with new challenges, develop engineering skills, and use their imaginations. Every camper will even build and take home a mini Creeper or Steve figure at the end of the week! Video game play is not part of this camp's curriculum.

## Session 4: June 28 - July 2

## AM Cost: \$200

## Midway Mania

Build your very own working Amusement Park! Campers will design and build a new motorized ride each day, learning how to make things spin, roll, turn and rock! Each day includes carnival-themed games, group challenges, model-building and more. All participants take home crafts and at the end of the week, a custom mini figure.

### Full Day Cost: \$400

## Midway Mania / Superheroes of America

In addition to Midway Mania, campers will enter into the world of superheroes in the afternoon. Kapow! Zap! Boom! The city of MSRtown needs campers to protect it against all evil arch enemies! With the guidance of Gear Shifters instructors, campers will start by building their own superheroes such as Spiderman, Superman, Batman, Thor, Captain America and Wonder Woman with LEGO® Bricks and Technic® elements. Campers will take home crafts and a custom mini figure at the end of the week.

## Session 5: July 6-9 (four days)

## AM Cost: \$175

### Gotta Build 'Em All

Embark on a journey to train and build Pokemon<sup>®</sup> creatures with LEGO<sup>®</sup> Bricks and Technic<sup>®</sup> elements in your quest to become a Pokemon<sup>®</sup> Master! Creating, capturing and battling are the order of the day! You can bring your own Pokemon<sup>®</sup> trading cards for play and trade at the end of each day. Test your knowledge of Pokemon<sup>®</sup> in our head-to-head battles. Campers will take home crafts and a custom mini figure at the end of the week.

### Full Day Cost: \$350

### Gotta Build 'Em All / Ninjas Unmasked

In addition to the morning session, Gotta Build 'Em All, campers will enter into Ninjas Unmasked for the afternoon. LEGO® Ninjago fans will cheer in excitement in this action-packed camp as they build motorized models worthy of a Spinjitzu Tournament and enter the Spinjitzu Zone to show off their building skills. Imagination and creativity will abound as campers build cool models, battle with their mini-figures, customized battle arenas, tools, vehicles and more! All campers take home crafts and a custom mini figure at the end of the week. Grades 1-3

## Session 6: July 12-16

#### AM Cost: \$200 Brick City Architects

Bricksburg needs a refresh and is looking for architects to let their imagination run wild! Using LEGO® Bricks and Technic® elements, campers will build city-themed models including buildings, vehicles, bridges and more to accommodate the people of their new city – Brick by Brick! Campers will also get to construct famous landmarks and take home crafts and a custom mini figure at the end of the week.

## Full Day Cost: \$400

## Brick City Architects / Blackbeard's Revenge

After Brick City Architects, campers will enter into the world of Blackbeard's Revenge and explore the popular culture behind the life of North Carolina's most famous pirate! Using LEGO® Bricks and Technic® elements campers will build working models to recreate the world of the pirates from the Outer Banks and beyond. Campers will go on a treasure hunt and take home a custom mini figure at the end of the week.

## Session 7: July 19-23

AM Cost: \$200 | Full Day Cost: \$400

## **Superheroes and Comic Books**

Transform yourself into the world of superheroes in this interactive, adventurous week. Led by Amazing Athletes, campers will explore the details of a true superhero's life and turn themselves into their own superhero. They'll even create their own, unique comic book!

## Session 8: July 26-30

AM Cost: \$200 | Full Day Cost: \$400

### Sports around the World

This week is all about sports! Each day, campers will learn about a new sport from a new country. We'll learn about the country, its culture, and will finish the day playing the new sport. Led by Amazing Athletes, this week will be both informative and full of movement.

## Upper Elementary Grades 4-6

These weekly sessions for campers entering Grades 4–6 in Fall 2021 offer a wide range of experiences designed to give campers the opportunity to try new things and explore new interests. Each session is limited to an enrollment of 12 children.

#### AM

9:15 a.m. - 12:15 p.m. (No lunch)

### **Full Day**

9:15 a.m. - 4:15 p.m. (Includes time for lunch)

### **Early Bird**

8-9:15 a.m. \$75 per camper/week

\*Cool Down (after-camp care) is not available during SummerScape 2021.

#### Session 1: June 7-11

AM Cost: \$200 | Full Day Cost: \$400

#### Sports around the World

This week is all about sports! Each day, campers will learn about a new sport from a new country. We'll learn about the country, its culture, and will finish the day playing the new sport. Led by Amazing Athletes, this week will be both informative and full of movement.

### Session 2: June 14-18

#### AM Cost: \$200

#### WeDo 2.0 Junior Robotics

Turn your next LEGO® creation into a robot and program it to do exactly what you tell it to do! Working with WeDO 2.0, the newest version of elementary- level robotics from LEGO®, campers will get an introduction into the world of computer-programing and robotics. This fun and action-packed week combines real-life skills with real-kid fun! All campers take home a custom figure at the end of the week.

## Upper Elementary Grades 4-6

## Full Day Cost: \$400 WeDo 2.0 Junior Robotics

In addition to the morning session, campers will participate in a LEGO® Stop Motion Animation in the afternoons. Campers are the director and producer of their own LEGO® movie adventure in which they script, stage, produce, and shoot their own mini-movie using stop action animation techniques and LEGO® Bricks. They'll get to build the set and props and even add special effects, titles, credits, and more! A screening party will be held on the last day of camp, and all campers will receive a DVD of all the movies mailed to them. At the end of the week, campers will also take home a custom mini figure.

### Session 3: June 21-25

AM Cost: \$175 | Full Day Cost: \$350

#### **Costume Making & Stage Makeup**

This week, campers get to choose their theme: costume making or stage makeup. Led by Ms. Justine Ulrey, campers will take a favorite Broadway musical and create their own portfolios to replicate the cast's stage makeup or costumes. This hands-on, fun, and informative week will be full of creativity.

### Session 4: June 28 - July 2

AM Cost: \$175 | Full Day Cost \$350

#### Srapbooking

Create a personalized book of memories to last a lifetime! This is an opportunity to gather pictures of past vacations, family holidays, family pets, etc. and place them in a fun and beautiful book. Led by Ms. Cathy Adams, this full day session will bring out campers' creativity and imagination.

## **Upper Elementary**

Grades 4-6

Session 5: July 6-9 (four days) AM Cost: \$175 | Full Day Cost: \$350

### **Superheroes and Comic Books**

Transform yourself into the world of superheroes in this interactive, adventurous week. Led by Amazing Athletes, campers will explore the details of a true superhero's life and turn themselves into their own superhero! They'll even create their own, unique comic book!

## Session 6: July 12-16

AM Cost: \$175 | Full Day Cost \$350

#### Cardmaking

In this high demand session, join Ms. Cathy Adams to create your own "All Occasion Card" collection to be used all year round. Campers will learn and use a variety of techniques and materials in their cards and use the Cricut machine to give their cards a professional look. No experience necessary.

## Session 7: July 19-23

#### AM Cost: \$200 Golden Age of Gaming

Step back in time and bring the world of classic retro video games to life by building classic icons with LEGO® Bricks and Technic® elements. Not only will you build awesome models and working contraptions depicting your favorite arcade and video game heroes, you will also have the opportunity to play some of the original 8 and 16 bit games on their original vintage Sega® and Nintendo® consoles. This is a unique opportunity to experience classic video games through LEGO® and see first hand how the current video game craze started decades ago! At the end of the week, you will get to bring home your own custom mini figure.

### Full Day Cost: \$400

#### Golden Age of Gaming / CSI: Raleigh

After the morning of Golden Age of Gaming, students will participate in CSI: Raleigh in the afternoon. Help us solve a mystery with Gear Shifters! Investigators will learn how to solve

## Upper Elementary Grades 4-6

a crime by using forensic methods like fingerprint and blood analysis, deductive reasoning and powers of observation. Led by Gear Shifters instructors, investigators will use the terminology and scientific methods needed to solve the crime of the century! If you like the game CLUE® then you will love learning the various methods of criminal investigations to solve the famous question – Whodunit?!

## Session 8: July 26-30

#### AM Cost: \$200 Comic Book Creator

Campers will explore the artistic form of comic book design as they learn to create their own custom electronic comic book. Participants will create their own characters, develop story lines and incorporate pictures of actual sets, all designed with LEGO® Bricks and Technic® elements! After creating various scenes, campers will snap pictures and upload them, utilizing a software program to create their very own, one of a kind comic book. At the end of the week, campers will be provided with a digital copy of the comic book they created.

#### Full Day Cost: \$400

#### Comic Book Creator/ We DO 2.0 Jr Robotics

In addition to Comic Book Creator, campers will program a LEGO® robot using WeDO 2.0, the newest version of elementary-level robotics from LEGO®. Using drag-and-drop iconbased software, WeDo 2.0 software provides an introduction into the world of computer-programming and robotics that will equip campers to succeed in a technology-based marketplace. This fun, action-packed week combines real-life skills with real-kid fun! All participants take home crafts and at the end of the week, a custom mini figure.

## **Middle School** Grades 6-8

These sessions are designed for campers entering Grades 6-8 in fall 2021 offer a wide range of experiences designed to give campers the opportunity to try new things and explore new interests. Each session is limited to an enrollment of 12 children.

#### Session 1: June 7-11

AM Cost: \$225

#### **LEGO Stop Motion Animation**

"Everything is Awesome!" when you are the director and producer of your own Lego® Movie adventure! All participants will script, stage, produce, and shoot their own mini-movie using stop motion animation techniques and LEGO<sup>®</sup> Bricks. Work as a team to build a set and props, shoot your movie using laptops and web cams, then add special effects, titles, and credits! Gear Shifters will host a screening party on the last day of camp for friends and family. All campers will receive a DVD of all the movies created in class AND take home a custom mini figure!

### Session 2: June 14-18

AM Cost: \$225

### **LEGO Flying Drone Creator**

The sky's the limit when you join Gear Shifters instructors to design and build working drones. Using LEGO<sup>®</sup> Bricks, participants will add custom motors, propellers, circuit boards and wiring to get their drones to fly! They'll also learn the basics with a 4-rotor design and work their way up to an 8-motor working drone creation. If you consider yourself an advanced builder with lots of patience, this workshop is just for you!

## Session 3: June 21-25

AM Cost: \$225

### **EV3 Robotics**

The introduction of LEGO® Mindstorms EV3 Robotics represented the cutting edge of technology and is the system employed in First LegoLeague® competitions worldwide. Campers will incorporate the newest generation of motors, sensors and software to program their commands directly into the intelligent brick and test their engineering and programming capabilities by building advanced robotic constructs. Our endless list of builds not only guarantees a great time but will provide participants with the fundamental and advanced skills needed to advance in this challenging field! 20