



2017 Summer Camp Weekly Themes



Elementary Camp Schedule

- June 5** STEM Camp- Coding + Animation
- June 12** Sports Camp
- June 19** STEM Camp-21st Century Robotics: Better, Stronger, Faster
- June 26** MAC Elementary Camp CLOSED
Broadway Kids Performing Arts Camp- for grades 3-5
**separate registration and application required*
- July 3** MAC Elementary Camp CLOSED
- July 10** STEM Camp- (Chemistry)
Potent Potions + Fizzing Formulas
- July 17** Cooking Camp
- July 24** STEM Camp- Rocket Science: Destination Mars
- July 31** Art Camp

Daily Schedule:

8:00—12:30	AM Extended Care
10:00—11:00	Academic Work Time
11:00—12:30	Lunch and Recess
12:30—4:30	Summer Camp Focus
4:30—6:30	PM Extended Care

Maximum Enrollment (Camp Focus): 20
 Counselor/Student Ratio: 1:10
 Ages: 1st through 5th grades

STEM Camps

Coding + Animation

Combine logic and creativity to bring objects to life with this merging of computer programming and animation. Using MIT's Scratch computer language, campers create code that energizes their favorite superheroes, animates an interactive pet, and powers music videos with each camper as the star! But the fun and learning does not end there. Kids explore claymation, pixilation, and other stop motion techniques to create imaginative and entertaining videos with their peers. We're ready for our campers to shout, "lights, cameras, action!" *No previous coding experience is required; however campers must be comfortable working independently on a computer, including operating the computer using a mouse and reading and understanding basic words used to code.*

21st Century Robotics: Better, Stronger, Faster

R2D2, WALL-E, The Six Million Dollar Man... We all remember those futuristic machines! Seemingly unrealistic at the time, robotics has finally come of age in the 21st century. From self-driving cars to robotic roller coasters, campers learn about sophisticated machines that are tackling complex tasks - with amazing speed and precision. At Launch camp kids study the fundamentals of engineering and technology necessary to create these amazing robots, and then construct simplified models of their own to reinforce the principles learned. From projects such as Car Bots and DoodleBots to programmable LEGO WeDo machines, kids at camp are immersed in a world of industrial and service robots.



Potent Potions + Fizzing Formulas

Junior scientists explore the magic of the molecular world of chemistry in this exciting camp that's full of actions and reactions! Seemingly magical topics such as polymers, rate of reaction, oxidation and chromatography are unmasked as we reveal the science through projects such as gooey slime, shiny crystals, disappearing objects and foamy explosions. Kids are mesmerized by the colorful fizzing formulas that make up the world around us, forcing them to ask the question: is it magic, or is it science?

Rocket Science: Destination Mars

Join our flight crew as we blast off to Mars! This exciting camp is all about rockets and how they are fueling our knowledge of other worlds. Mission preparation includes building mini launch vehicles and conducting experiments to explore the science behind space travel. From the basics of Newton's Laws to solid and liquid propellants, campers learn what it takes to be a real rocket scientist! The journey continues with a touchdown on the red planet where we establish a colony, build a rover, and orbit a satellite to explore the Martian landscape. It's sure to be an experience that's out of this world!



Special Focus Instructors

Coding Robotics—Jolene Esz

For the past 16 years Jolene has been a technology teacher at the elementary and high school level. Currently she teaches Technology, Animation, Game Design, and Engineering classes at McNicholas High School and has been involved with the FIRST Lego League Robotics program as a coach, judge and tournament director since 2002. She is excited to share her experience with younger students for our camp!

Chemistry—Dr. P.J. Ball

P.J. is a Chemistry Professor at Northern Kentucky University. She has been a lecturer in the Chemistry department for 12 years. She received her B.S. from the University of Cincinnati and her Ph.D. from the University of Cincinnati. She consistently receives among the highest ratings in the university on her student evaluations. She is a Cross Country coach at Ursuline Academy, and she also has experience working with younger students.

Rocket Science—Patty Ruh

Patty has her Masters in Elementary Education from DePaul University in Chicago. She's been teaching elementary students for 12 years. She currently teaches 3rd grade at DeSales in Cincinnati and for the Duke TIP program at Latin School in Covington. In the DUKE TIP programs, Patty's experience has included teaching Mechanical Engineering, Earth Science, Math and Chemistry.

Sports—Todd Rubin

Todd has an extensive soccer coaching history with both boys and girls at the college, high school, and club levels. He is a talented Montessori teacher and has been teaching in a Montessori classroom for over 16 years. He is also a Professional Soccer Trainer working with Cincinnati United Soccer. Todd played college soccer and also played high school basketball and baseball. He also has been involved as an assistant with his children's teams (soccer, basketball, baseball).

Art—Gaby Portillo

Gaby is our Art teacher at MAC for 1st through 8th levels. She has a Bachelor of Arts in Art History and Fine Arts. She has taught art and art history at art museums, summer programs, and private schools in the area. She is also the elementary and Middle School Spanish teacher at a nearby school. This was Gaby's first year teaching Art at MAC, and the students loved working with her!

Cooking—Jenny Simpson

Jenny has an extensive background at MAC. She is a parent, she works in Extended Care, and she has subbed at all levels of our program. Jenny is currently involved in the Montessori Teacher Training Program, and she is a talented member of our MAC community. One of her most incredible talents is COOKING! During this camp, Jenny will share her skills and work with the students to prepare delicious foods, as well as to learn about manners and etiquette, gain experience with measurement, and practice following directions.

Montessori Academy of Cincinnati 2017 Elementary Summer Camp

General Information

- Our elementary summer camp is for students in grades 1 through 5.
- Montessori Academy of Cincinnati provides 2% milk at lunch time.
- Paperwork, including Emergency Transportation and Medical Forms, will be sent to you upon receipt of your application. These must be completed and submitted prior to beginning our Summer Camp.
- **Camp Tuition and extended care fees are non-refundable and are payable with your application. However, if enrolling in more than four weeks, a minimum of two weeks' tuition and fees are due with your application and will apply to your last two weeks of camp.**

payable with your application. However, if enrolling in more than four weeks, a minimum of two weeks' tuition and fees are due with your application and will apply to your last two weeks of camp.

*June's remaining tuition and fees will be due June 4.

July's and August's remaining tuition and fees will be due July 2.

- **Priority enrollment deadline for 2017-18 MAC students is April 28, 2017.** After April 28, enrollment is on a first-come, first-served basis.
- Computers are available to the children in the elementary camp.

If you would like a Preprimary Summer Camp Brochure or if you have any questions,

call (513) 398-7773 or
visit www.montacademy.org or
e-mail info@montacademy.org



Montessori Academy of Cincinnati does not discriminate on the basis of race, gender, or national or ethnic origin.

APPLICATION

Child's Full Name: _____

Nickname: _____

Date of Birth: _____ Gender: _____

Street address: _____

City/state: _____ Zip Code: _____

Telephone 1: _____ Telephone 2: _____

Parent or Guardian Name: _____

Parent or Guardian Name: _____

Email address that you check daily: _____

What grade will your child enter in August 2017? _____

Elementary Camp Costs (Weekly)

For students in grades 1 through 5

- | | | |
|----|--|------------|
| A. | 8:00—4:30 | = \$250.00 |
| | (Morning EC + Summer Camp Program Focus) | |
| B. | 8:00-6:30 | = \$290.00 |
| | (Morning and Afternoon EC + Summer Camp Program Focus) | |
| C. | 12:30-4:30 | = \$160.00 |
| | (Summer Camp Program Focus) | |
| D. | 12:30-6:30 | = \$200.00 |
| | (Summer Camp Program Focus + Afternoon EC) | |

Enrollment

Week of:	(Circle the times you want)				Costs
June 5	A	B	C	D	\$ _____
June 12	A	B	C	D	\$ _____
June 19	A	B	C	D	\$ _____

*June 26- No Elementary Camp- see flyer for info- Broadway Kids Camp grades 3-8
July 3- No Elementary Camp*

July 10	A	B	C	D	\$ _____
July 17	A	B	C	D	\$ _____
July 24	A	B	C	D	\$ _____
July 31	A	B	C	D	\$ _____