



## Camp Schedules

### Primary (Ages 3 - 6)

Camp Day | 8:00 am - 2:30 pm

Full Day | 7:30 am - 6:30 pm

*Typical Primary Program  
Schedule:*

7:30 - 8 am | Before care  
8 am - 12 pm | Morning work cycle  
and themed activities  
10 - 11 am | Recess  
12 - 1 pm | Lunch  
1 - 2:30 pm | Themed activities  
2:30 - 6:30 pm | After care

### Elementary (Ages 6 - 9)

Camp Day | 8:00 am - 3:30 pm

Full Day | 7:30 am - 6:30 pm

*Typical Elementary Program  
Schedule:*

7:30 - 8:00 am | Before care  
8 am - 12 pm | Morning work cycle  
and themed activities  
10 - 11 am | Recess  
12 noon - 1 pm | Lunch  
1 - 3:30 pm | Themed activities  
3:30 - 6:30 | After care

## New! STEM Camps\*

Primary Ages 4 - 6

Elementary Ages 6 - 9

*\*Materials Fees Apply*

# SUMMER CAMP 2015

*(For Ages 3 - 9)*

Summer Camp at Montessori at Vickery is 10 weeks of fun and learning for students with a wide range of interests. Browse our schedule of programs then register online in just a few minutes.

Our full-day camps for ages 3 - 9 blend academic components with fun filled, hands-on activities related to a monthly theme.



## NEW! STEM CAMPS

*(For Ages 4 - 9)*

We are excited to announce that we have partnered with [Launch Math + Science Centers](#) to offer inspiring STEM (Science, Technology, Engineering and Math) camps this

summer! Founded by real life rocket scientist, they offer engaging one-week day camps that feature hands-on, real world STEM activities for children ages 4 to 9.

Our STEM campers will create flying vehicles, code video games, explore biological wonders, and build and program autonomous robots – and that's just the beginning!

Our low student-to-teacher ratio of 5:1 ensures that our campers have the support they need to have a memorable summer camp experience. And all campers get to keep their projects so that the fun continues at home!

**Register Online**

**[www.MontessoriVickery.com](http://www.MontessoriVickery.com)**

## Camp Session Schedule by Week









Session 1   May 26 - May 29		Camp Day Rate <i>Primary</i> (8:00 am - 2:30 pm) <i>Elementary</i> (8:00 am - 3:30 pm)	Full Day Rate (7:30 am - 6:30 pm)
<b>ages 3-6</b> primary	<i>Rainforest</i>	\$225	\$275
<b>ages 6-9</b> elementary	<i>Continents</i>	\$235	\$285
Session 2   June 1 - 5		Camp Day Rate <i>Primary</i> (8:00 am - 2:30 pm) <i>Elementary</i> (8:00 am - 3:30 pm)	Full Day Rate (7:30 am - 6:30 pm)
<b>ages 3-6</b> primary	<i>Rainforest</i>	\$225	\$275
<b>ages 4-6</b> primary STEM	<i>Jr. STEM Explorers</i>	\$225 (PLUS \$45 materials fee)	\$275 (PLUS \$45 materials fee)
<b>ages 6-9</b> elementary	<i>Continents</i>	\$235	\$285
<b>ages 6-9</b> elementary STEM	<i>Rockin' Robotics</i>	\$235 (PLUS \$75 materials fee)	\$285 (PLUS \$75 materials fee)
Session 3   June 8 - 12		Camp Day Rate <i>Primary</i> (8:00 am - 2:30 pm) <i>Elementary</i> (8:00 am - 3:30 pm)	Full Day Rate (7:30 am - 6:30 pm)
<b>ages 3-6</b> primary	<i>Rainforest</i>	\$225	\$275
<b>ages 4-6</b> primary STEM	<i>STEM All Around Us</i>	\$225 (PLUS \$45 materials fee)	\$275 (PLUS \$45 materials fee)
<b>ages 6-9</b> elementary	<i>Continents</i>	\$235	\$285
<b>ages 6-9</b> elementary STEM	<i>Coding &amp; Gaming with Scratch</i>	\$235 (PLUS \$45 materials fee)	\$285 (PLUS \$45 materials fee)
Session 4   June 15 - 19		Camp Day Rate <i>Primary</i> (8:00 am - 2:30 pm) <i>Elementary</i> (8:00 am - 3:30 pm)	Full Day Rate (7:30 am - 6:30 pm)
<b>ages 3-6</b> primary	<i>Rainforest</i>	\$225	\$275
<b>ages 4-6</b> primary STEM	<i>The Answer is STEM</i>	\$225 (PLUS \$45 materials fee)	\$275 (PLUS \$45 materials fee)
<b>ages 6-9</b> elementary	<i>Continents</i>	\$235	\$285
<b>ages 6-9</b> elementary STEM	<i>3-2-1 Blast Off</i>	\$235 (PLUS \$45 materials fee)	\$285 (PLUS \$45 materials fee)

<b>Session 5   June 22 - 26</b>		<b>Camp Day Rate</b> <i>Primary (8:00 am - 2:30 pm)</i> <i>Elementary (8:00 am - 3:30 pm)</i>	<b>Full Day Rate</b> (7:30 am - 6:30 pm)
<b>ages 3-6</b> primary	<i>Rainforest</i>	\$225	\$275
<b>ages 4-6</b> primary STEM	<i>Putting STEM into Action</i>	\$225 (PLUS \$45 materials fee)	\$275 (PLUS \$45 materials fee)
<b>ages 6-9</b> elementary	<i>Continents</i>	\$235	\$285
<b>ages 6-9</b> elementary STEM	<i>Actions and Reactions</i>	\$235 (PLUS \$45 materials fee)	\$285 (PLUS \$45 materials fee)
<b>Session 6   June 29 - July 3</b>		<b>Camp Day Rate</b> <i>Primary (8:00 am - 2:30 pm)</i> <i>Elementary (8:00 am - 3:30 pm)</i>	<b>Full Day Rate</b> (7:30 am - 6:30 pm)
<b>ages 3-6</b> primary	<i>Traveling the USA</i>	\$225	\$275
<b>ages 6-9</b> elementary	<i>Traveling the USA</i>	\$235	\$285
<b>Session 7   July 6 - 10</b>		<b>Camp Day Rate</b> <i>Primary (8:00 am - 2:30 pm)</i> <i>Elementary (8:00 am - 3:30 pm)</i>	<b>Full Day Rate</b> (7:30 am - 6:30 pm)
<b>ages 3-6</b> primary	<i>Traveling the USA</i>	\$225	\$275
<b>ages 4-6</b> primary STEM	<i>Jr. STEM Explorers</i>	\$225 (PLUS \$45 materials fee)	\$275 (PLUS \$45 materials fee)
<b>ages 6-9</b> elementary	<i>Traveling the USA</i>	\$235	\$285
<b>ages 6-9</b> elementary STEM	<i>Rockin Robotics</i>	\$235 (PLUS \$75 materials fee)	\$285 (PLUS \$75 materials fee)
<b>Session 8   July 13 - 17</b>		<b>Camp Day Rate</b> <i>Primary (8:00 am - 2:30 pm)</i> <i>Elementary (8:00 am - 3:30 pm)</i>	<b>Full Day Rate</b> (7:30 am - 6:30 pm)
<b>ages 3-6</b> primary	<i>Traveling the USA</i>	\$225	\$275
<b>ages 4-6</b> primary STEM	<i>STEM All Around Us</i>	\$225 (PLUS \$45 materials fee)	\$275 (PLUS \$45 materials fee)
<b>ages 6-9</b> elementary	<i>Traveling the USA</i>	\$235	\$285
<b>ages 6-9</b> elementary STEM	<i>Coding &amp; Gaming with Scratch</i>	\$235 (PLUS \$45 materials fee)	\$285 (PLUS \$45 materials fee)

<b>Session 9   July 20 - 24</b>		<b>Camp Day Rate</b> <i>Primary (8:00 am - 2:30 pm)</i> <i>Elementary (8:00 am - 3:30 pm)</i>	<b>Full Day Rate</b> (7:30 am - 6:30 pm)
<b>ages 3-6</b> primary	<i>Traveling the USA</i>	\$225	\$275
<b>ages 4-6</b> primary STEM	<i>The Answer is STEM</i>	\$225 (PLUS \$45 materials fee)	\$275 (PLUS \$45 materials fee)
<b>ages 6-9</b> elementary	<i>Traveling the USA</i>	\$235	\$285
<b>ages 6-9</b> elementary STEM	<i>3-2-1 Blast Off</i>	\$235 (PLUS \$45 materials fee)	\$285 (PLUS \$45 materials fee)
<b>Session 10   July 27 - 31</b>		<b>Camp Day Rate</b> <i>Primary (8:00 am - 2:30 pm)</i> <i>Elementary (8:00 am - 3:30 pm)</i>	<b>Full Day Rate</b> (7:30 am - 6:30 pm)
<b>ages 3-6</b> primary	<i>Traveling the USA</i>	\$225	\$275
<b>ages 4-6</b> primary STEM	<i>Putting STEM into Action</i>	\$225 (PLUS \$45 materials fee)	\$275 (PLUS \$45 materials fee)
<b>ages 6-9</b> elementary	<i>Traveling the USA</i>	\$235	\$285
<b>ages 6-9</b> elementary STEM	<i>Actions and Reactions</i>	\$235 (PLUS \$45 materials fee)	\$285 (PLUS \$45 materials fee)

## Camp Descriptions

<b>Primary</b>	<b>Rainforest</b>	<i>Over the course of 5 one-week sessions campers will learn all about the Rainforest by exploring traditional arts &amp; crafts, music, instruments, dances, books &amp; stories, legends, history, dress, and cooking. Campers will explore the many unique features of the Rainforest including animals, insects, medicinal plants and natural landmarks &amp; resources.</i>
<b>Primary</b>	<b>Traveling the USA</b>	<i>Join us on a 5 week road trip across America! Campers will participate in hands-on projects including - art, music, songs, dancing, drama, science experiments &amp; cooking - that highlight the features of individual states. Campers will use maps to chart a course to visit natural and historical landmarks, many will be recreated with traditional arts &amp; crafts methods utilizing American made &amp; locally sourced materials. Finally campers will read stories written by American authors and create their own stories of adventure and exploration.</i>
<b>Elementary</b>	<b>Continents</b>	<i>Over the course of 5 one-week sessions campers will learn about each Continent through games, songs, dance, and by exploration of traditional arts &amp; crafts, music, literature, language, history, local economies, dress, and cooking projects. Campers will explore unique features native to each Continent including animals, insects, medicinal plants and natural landmarks &amp; resources.</i>
<b>Elementary</b>	<b>Traveling the USA</b>	<i>The United States of America has so much to offer! Campers will spend 5 weeks traveling to the natural landmarks located within the National Park System, explore geography through cartography projects and discover the way the elements - air, water, fire - have shaped our land throughout history. Additionally campers will learn about American art, music, literature and foods through games, songs, dance, exploration of traditional crafts, books and preparation of food and drink.</i>

<p><b>Primary</b> (ages 4 - 6)</p> 	<p><b>Jr. STEM Explorers</b></p>	<p><i>Explorers abound! Spark your child's math and science interests! Children explore exciting Science, Technology, Engineering, &amp; Math (STEM) principles every day of the week. Through active participation in fun, age-appropriate craft-building, science projects, technology demonstrations, and math games, campers develop a love and appreciation for STEM.</i></p>
<p><b>Primary</b> (ages 4 - 6)</p> 	<p><b>STEM All Around Us</b></p>	<p><i>Real-world math and science! Campers set out on a pretend "shopping spree" while learning to differentiate coins and recall their values. Sports games are used to demonstrate the concept of subtraction during group activities. Campers explore the science behind planting seeds, build catapults to learn about projectile motion, and construct shadow theaters to discover the principles of light. Finally, the group is introduced to robotics and the art of programming using a robot developed specifically for computer science education by Carnegie Mellon's CREATE lab.</i></p>
<p><b>Primary</b> (ages 4 - 6)</p> 	<p><b>The Answer is STEM</b></p>	<p><i>It's time to ask lots of questions! How big is one foot? How long is ten seconds? Kids play games that help them develop a sense of space and time. What causes friction? Campers explore sources of friction by racing their derby car creations on different surfaces. How do I create my very own computer animation? Our youngest campers get to unleash their inner programmer using MIT's Scratch Jr. tablet-based software.</i></p>
<p><b>Primary</b> (ages 4 - 6)</p> 	<p><b>Putting STEM into Action</b></p>	<p><i>It's time to think and do like real scientists! From plotting farm animal bar graphs to identifying symmetry, campers explore advanced math concepts! The mini-scientists learn what it means to hypothesize, experiment, record data, and ask questions. Through hands-on activities the little electrical engineers learn all about the flow of electricity by creating their own light up circuits! Lastly, future biology majors explore human anatomy by creating their own hand "x-ray", and campers are trained as architects to design the floor plans for their very own dream home.</i></p>
<p><b>Elementary</b> (ages 6 - 9)</p> 	<p><b>Rockin' Robotics</b></p>	<p><i>Join the growing maker culture in this advanced robotics camp. Move beyond LEGO and build real robots – robots kids take home for further exploration! The camp starts with an introduction to electronics hardware including an Arduino compatible microcontroller with integrated motor driver, an accelerometer, and an infrared LED sensor. As the camp progresses students build their robots from the ground up while learning how to program the "brains" of their machines using a simplified version of the C++ coding language. By the end of camp, each child takes home an autonomous roving vehicle that can navigate around obstacles and provide countless hours of enjoyment and further learning.</i></p>
<p><b>Elementary</b> (ages 6 - 9)</p> 	<p><b>STEM: Coding and Gaming with Scratch</b></p>	<p><i>Using MIT's Scratch computer language, kids learn high-level problem solving strategies that allow them to compose and reconstruct programming code. Campers create their own unique games and animations while applying logic and mathematical concepts such as Cartesian (x,y) coordinates, variables, and iterative processes. Each child receives his/her own Picoboard – a microcontroller specifically designed for use with Scratch. Using sound, light and resistance sensors on the Picoboard, campers build computer creations that interface with the real world. Campers use everyday objects such as bananas or tin foil to control their Scratch programs. With access to the MIT Website, kids are able to publish, download, play, and share their creations at home. No previous programming experience is required.</i></p>
<p><b>Elementary</b> (ages 6 - 9)</p> 	<p><b>3-2-1 Blast Off</b></p>	<p><i>From paper airplanes to air-powered rockets, from balsa wood gliders to balloon helicopters, kids explore the mechanical how's and why's of aerospace engineering in a fun, hands-on way. Campers will learn all about the experiences of a real rocket scientist through an inspiring and motivating presentation. Kids end camp with flying models of their own, a 747-sized inspiration and new friends who share common interests!</i></p>
<p><b>Elementary</b> (ages 6 - 9)</p> 	<p><b>Actions &amp; Reactions</b></p>	<p><i>Double, double toil and trouble! In this exciting science-based camp, kids explore the world of chemistry through captivating chemical reactions and test the principles of physics through engaging real-world experiments! With projects ranging from a glow-in-the-dark magic wand to a camera obscura to invisible ink "potions," campers put scientific principles to the test while learning about optics, kinetic energy, chemical substances and more. Campers can take their projects home to continue their scientific investigations!</i></p>