Summer Sparks Camp is an engaging enrichment program that will ignite your child’s imagination. Program examples are:
- Science
- Art
- Technology
- Physical Activity
And much more!

Campers have the option to pick morning, afternoon or both for a full day (Two Sessions). These enrichment activities will expand campers minds. All activities will take place on-site.

**AGES**
Entering 1st-6th grade

**DATES**
6/24–8/23; no camp July 4
(9) one-week sessions

**HOURS**
Morning session: 8:45am–12:30pm
(if your camper is attending for the full day, lunch time will be from 12:30pm-1:15pm)
Afternoon session: 1:15pm–5:00pm

**FEE**
$165 per morning session/
$165 per afternoon session
($132 per morning/$130 per afternoon for Session 1)
$330 Full Day

**LOCATION**
Memorial Middle School
500 Ridge Road, Cedar Grove

**BEFORE CARE**
7:30am–8:45am, $35 per week;
$28 per week – Session 1

**AFTER CARE**
5:00pm–6:30pm, $35 per week;
$28 per week – Session 1

**CAMP CONTACT**
Angelo Petullo
apetullo@montclairymca.org
973-415-6140

**REGISTER ONLINE NOW**
LEARN MORE: montclairymca.org/camps
### YMCA OF MONTCLAIR 2019 SUMMER SPARKS WORKSHOP SELECTION

<table>
<thead>
<tr>
<th>CAMPER NAME</th>
<th>DOB</th>
<th>AGE</th>
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#### Please circle workshop selection below.

<table>
<thead>
<tr>
<th>SESSION AND DATES</th>
<th>8:45am–12:30pm</th>
<th>1:15pm–5:00pm</th>
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<tbody>
<tr>
<td><strong>Morning Workshops for Ages 6-8</strong></td>
<td><strong>Morning Workshops for Ages 9-12</strong></td>
<td><strong>Afternoon Workshops for Ages 6-8</strong></td>
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| Early Bird  
June 24–28 | EB1  
Camp Crafts  
Games & Challenges | EB2  
Fear Factor  
Outdoor Games | EB3  
Edible Arts  
Super STEM Challenge | EB4  
Creative Creations  
Roller Coaster Engineering |
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Just Art | #103  
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Obstacles & More | #204  
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Mix Media Madness |
| Session 3  
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Winter Wonderland | #302  
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Gooey Gross & Green | #303  
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| Session 5  
July 29–Aug 2 | #501  
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The Great Pioneer  
STEM Challenge  
Sports Spectacular | #503  
Intro to Photography  
Water World | #504  
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Just Art |
| Session 6  
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Not So Ordinary Sports | #603  
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| Session 7  
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Space Camp  
Gooey Gross & Green | #702  
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Water World | #703  
Wizard World  
Camp Crafts | #704  
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Young Entrepreneurship |
| Session 8  
Aug 19–23 | #801  
Obstacles & More  
Legomania | #802  
Outdoor Games  
Fear Factor | #803  
Super STEM Challenge  
Water World | #804  
Clay Works  
Sports Spectacular |

**Workshop subjected to Change**

This form must be submitted with the all camp registration form to complete your child’s registration.
CAMP CRAFTS
Explore your creative side by letting your imagination soar. Create original crafts that allow your inner artist to come out. Enjoy classic crafts like sand art and tie-dye.

CLAY WORKS
This workshop will have you using your hands (no machines) and clay all day! The clay is fast drying, so you can take home your creations.

CREATIVE CREATIONS
In creative creations you’ll participate in a new art form every day. Painting, drawing, crafts, even messy art! Let your inner creativity soar with creative creations.

DIGITAL ARTS
Students will explore different digital arts techniques while using their creativity in a fun way. Using amazing brushes and symmetry, students will sketch and draw beautiful artworks, create short animations, and learn to alter images to create surreal effects.

DIY PROJECTS
You will create projects out of everyday objects. Transform leftover tissue boxes into pencil holders, a ball of yarn into a wearable scarf . . . the possibilities are endless!

EDIBLE ARTS
Create a masterpiece then eat it up! In Edible Arts you will explore your creativity and culinary skills to create a fun project you can snack on!

FEAR FACTOR
Want to test your limits? Fear factor is a class where you must challenge your mental and physical skills. Love gross and daring challenges then this is the workshop for you!

GAMES & CHALLENGES
Challenge your body and mind! Students will participate in activities, brain teasers, and team building.

GOOEY GROSS & GREEN
Join us in celebrating all things icky. Participate in fun experiments, art activities, and much more. And of course, there will be slime. Oh yes, there will be slime.

I CAN FLY
Let’s explore force, motion, speed and acceleration while we build our own ramps, race cars, kites and planes. We will predict speed and distance with our own catapults. We will compare those man-made creations to the way birds fly.

IMAGINATION STATION
Explore your imagination! In this class you will participate in art, crafts, STEM, and physical challenges. Use your imagination to take you beyond your wildest dreams.

INTRO TO PHOTOGRAPHY
Hey shutterbug, learn how to capture different photos with proper technique. You will also learn about lighting, texture, landscapes and much more!

JUST ART
If you love painting, drawing, crafts, and collage, this is the class for you. We’ll do it all, and more!

LEGOMANIA
Build new Lego robots every day around different themes. Animal bots, galaxy bots, battle bots, construction bots, wizard bots, and much more. Students learn about basic engineering concepts such as gears, pulleys, levers, and more.

MATH MAYHEM
Keep your math skills sharp during the summer and have fun at the same time with awesome math games and activities.

MIX MEDIA MADNESS
Paint, glue, magazines, markers, and much more . . . you name it, we’ll create with it! Use whatever you can get your hands on to create a new masterpiece every day!

NOT SO ORDINARY SPORTS
Ever play gaga ball, net ball, or cricket? In this class you’ll be able to play sports you have never heard of before.

OBSTACLES & MORE
Teamwork and fun are the two requirements for this class. Each day, teams will be presented with new courses in the gym and will work together to conquer every obstacle.

OUTDOOR GAMES
Let’s play every day! Get some fresh air and have fun out in the sun with all your favorite classic games like four squares, capture the flag, parachute games, relay races, kickball, and many more!

PYTHON CODING
Computer enthusiasts, this one is for you. Python is general purpose programming software that employs actual lines of code. You will learn how to use variables, lists, strings, and functions to develop an animation or game, create a graphic, or write a function that can solve a problem or answer a question.

ROBOTICS
Have fun while learning practical STEM skills. You are the engineer! Build your own remote control car, animal bot or electric guitar using the LEGOs, Mindstorms and NXT Robotics Construction Set. The students build and program their robots using motors and external inputs such as touch, sound and light sensors. The students use their new skills to meet challenges such following lines, processing sound or navigating a maze.
ROLLER COASTER ENGINEERING
Explore the thrill of building your own amusement park. Learn basic concepts of engineering and physics as you design and build a safe roller coaster and theme park rides. Identify machines and use the following concepts: momentum, force, gravity, friction, motion, gears, and pulleys.

SPACE CAMP
3 . . .2 . . .1 . . . blastoff to the moon and explore the galaxy every day. You will learn new and exciting facts about outer space by creating projects, experiments, and much more!

SPORTS SPECTACULAR
If you like sports, you will LOVE this class! Spend the day playing all your favorite sports like basketball, floor hockey, football, soccer, and more. You will also learn the core values of good sportsmanship.

SUMMER EXPERIMENTS
A lot of outdoor/indoor experiments are happening this summer! Campers will participate in challenges with STEM, building marble mazes, water slides, and other awesome experiments!

SUPER STEM CHALLENGE
Explore science methods and experiments that make you feel like a real-life scientist in your laboratory this summer.

THE GREAT DESERT ISLAND STEM CHALLENGE
Come join in the fun with the Great Desert Island STEM Challenge. Not too long ago, a group of adventurous travelers set sail for a week on the open seas. Unfortunately, on the second night, a great storm came upon them while they slept in the cabin below deck. The violent storm tossed the passengers from one side of the ship to the other. The captain tried to take control but was knocked overboard by a massive wave! Eventually, the ship came to a crashing halt when a storm threw it onto the rocky shore of a deserted island. Sadly, only one traveler survived--Sir Harley Houndstooth III. It is now your job to help him survive the island and get back to the civilized world. Are you up to the challenge?

WATER WORLD
Get ready for water works! In this class you will participate in water projects and water sports.

WE ARE THE WORLD
Travel around the world in 5 days while exploring each country's history and culture, all without waiting on any pesky airport lines. Sample new foods and create exciting projects during your journey.

WINTER WONDERLAND
In this class you will participate in art, crafts, and STEM challenges with a Winter Wonderland twist.

WIZARD WORLD
Open the pathway to wizardry. From making wands to crafting potions. Doing experiments dealing with the environment, fooling the senses, and more....

YOUNG ENTREPRENEURSHIP
In this class campers will learn how to budget, plan, and execute their very own business. Each camper will work with a team to develop their own business plan that will be executed during the last two days of camp. This is a great step to becoming an entrepreneur.

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