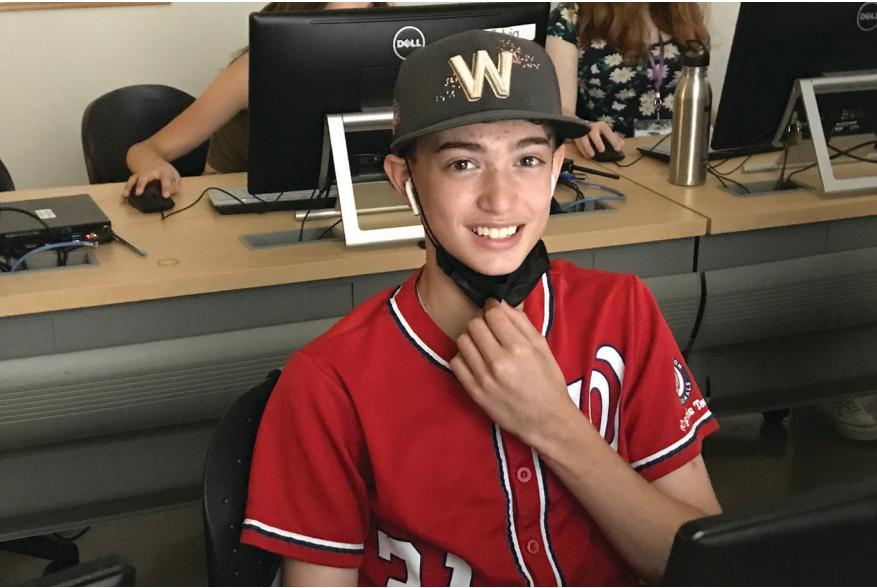


# MONTGOMERY COLLEGE SUMMER YOUTH PROGRAMS

Workforce Development and Continuing Education | Summer 2024



High Quality Summer Camps for Grades K-12

Registration is Open

[montgomerycollege.edu/wdce](http://montgomerycollege.edu/wdce) | 240-567-5188



## Welcome to another great summer!

Dear Families,

Welcome to Montgomery College Youth Programs Summer 2024! The big news for this summer is: The Cooking Camps are Back! We missed having them last year while the building was undergoing renovations. We know you are excited too. For new families, please note that these camps typically fill within 48 hours of registration opening. We do not have waiting lists, so register early if interested.

We continue to expand the number of camps that allows your child to participate in topics that may help with the question "What do I want to be when I grow up?" We know that by the 8th grade, some students in MCPS select a high school based on the career they are most interested in. Before committing to this, we want to give students the opportunity to explore different options in a low-stakes environment. Children can participate in a camp for one or two weeks and essentially 'try out' the possible career, without committing to a whole summer. These camps are taught by MC faculty and experts in the respective field of study.

MC Youth Programs now has 15 camps approved for SSL hours. We work with MCPS to develop camps that are fun while serving the community. The new camps this year are based on happenings in Montgomery County. Psych: What it All Means has been revised to include community awareness and advocacy.

Based on family feedback, we changed the age that students can sign themselves in and out. Starting Summer 2024, students entering grades 6 and older can sign themselves in and out. We understand that this will work for some families and not for others. As parents/guardians, we are relying on you to determine if your child is mature enough for this responsibility. The permission form can be found in your child's CampDoc profile. See the CampDocs description in this brochure for additional information.

Please do not hesitate to contact our Program Coordinators: Sharon Wolfgang and Majo Murguia, or myself with any questions or concerns. We appreciate the time you take to reach out to us.

Thank you,  
Mary Mukherjee  
Senior Program Director  
Montgomery College Youth Programs



## Contact Information

For further information please contact Youth Programs at 240-567-7264 or 240-567-7917 or access the Montgomery College Youth Programs website:

<http://www.montgomerycollege.edu/youth>.

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240-567-7264

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*Asistencia en Español*

**Mary Mukherjee, Senior Program Director**  
240-567-7939

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## School Year Youth Programs at Montgomery College!

Providing high-quality courses that are educational, engaging, and **fun!**

**Enrichment programs for youth  
grades K-12**

For a full list of our school year programs and up-to-date information, please visit

[www.montgomerycollege.edu/youth](http://www.montgomerycollege.edu/youth).

## Contents

3D Game Design with Unity .....	14
Advanced Robotics .....	14
Adventures in Art History <b>New!</b> .....	15
After Care for Summer Youth Programs .....	13
A.I. Adventures—Intro to Machine Learning <b>New!</b> .....	14
Algebra 1 page 15, <b>just added</b> Algebra 2 page 45 .....	15
All About Technology .....	15
Anime .....	15
Arduino Introduction .....	15
Around the World .....	16
Artificial Intelligence .....	16
Art Madness Camp .....	16
Artosaurus Art Camp .....	16
Art Rocks! Camp .....	16
Before Care for Summer Youth Programs .....	13
Big Bang Art .....	17
Biodiversity in Montgomery County <b>New! SSL</b> .....	17
Biology .....	17
Bloomable Engineering .....	17
Budding Chef Advanced .....	17
Budding Chef Workshop .....	18
Build It! Art Camp .....	18
Calculus page 18, <b>just added</b> Chemistry page 45 .....	18
Cartooning 101 <b>New!</b> .....	18
Childcare 101 <b>SSL</b> .....	18
Circus Camp .....	19
City Builders Art Camp <b>New!</b> .....	19
Class Change Policy .....	40
Code Breakers .....	19
Coding and Robotics with Lego Mindstorm .....	20
College Apps 101 <b>New!</b> .....	20
Controversial Discussions: The Psychology of Conversation <b>SSL</b> .....	20
Creative Inspiration <b>New!</b> .....	20
Creative iPhone Photography .....	20
Creative Writing Workshop .....	21
Cupcakes, Cakes and More .....	21
Desserts, Desserts! .....	21
Digital Arts .....	21
Discoveries in Drawing <b>New!</b> .....	22
Doodle Art Studio <b>New!</b> .....	22
Drama and Theater Arts .....	22
Drawsters—Anime and Cartoon Creations .....	22
Drone Missions for Kids <b>New!</b> .....	22
Drone Missions for Teens <b>New!</b> .....	22
Electronic City <i>Updated!</i> .....	23
Elementary Lego Coding and Robots .....	23
Elementary Lego Engineering .....	23
Exploring Medieval History <b>New!</b> .....	23
Financial Tips and Tricks: Get Ready for Adulthood .....	23
Forensic Crime Lab Technicians <b>New!</b> .....	24
Forensic Crime Scene Investigators .....	24
Forward-Thinking Interior Design <b>SSL</b> .....	24
Geometry .....	24
Handmade Art <b>New!</b> .....	25
History in Your Backyard: Exploring Montgomery County <b>New! SSL</b> .....	25
History's Mysteries: Curious Clues, Cold Cases, and Puzzles from the Past <b>New!</b> .....	25
If You Give a Kid a Paintbrush <b>New!</b> .....	25
Improv at Its Finest <b>New!</b> .....	25
Intro to Innovation Camp <b>SSL</b> .....	26
It's a Museum City .....	26
It's Up For Debate GT .....	26
JavaScript Developer Jam .....	26
Kids on Campus: July 4th <b>New!</b> .....	26
Learn to Build: Autonomous Robot .....	27
Learn to Solder: Build a Radio .....	27
Lego Coding and Robots .....	27
Lego STEM Engineering and Robotics .....	27
Leveling Up to Lead <b>SSL</b> .....	28
Make Your First Video Game! .....	28
Master Artist Cartoons <b>New!</b> .....	28
Military History .....	28
Minecraft® Designers .....	29
Minecraft® Modders .....	29
Minecraft® Redstone Engineers .....	29
Minecraft Modders .....	29
Musical Theater .....	30
Music Camp .....	30
Off the Wall! <b>New!</b> .....	30
Our Planet, Our World! Art Camp <b>New!</b> .....	30
Painting Art Camp—A Survey of Colorful Art and Extraordinary Artists <b>New!</b> .....	31
Painting Art Camp—East Meets West .....	31
Photoshop-Building an Image .....	31
Pokémon® Masters: Designers & 3D Makers Unite! .....	31
Power Up Your Creativity <b>just added</b> Physics pg.45 .....	32
Pre-Algebra page 32, <b>just added</b> Pre-Calculus pg.45 .....	32
Psych: What It All Means <b>SSL</b> .....	32
Python Programmers .....	33
Reading for the SAT/ACT .....	33
Really Big Gigantic and Teeny Tiny Art Camp <b>New!</b> .....	33
Refund Policy .....	40
ROBLOX® Coders .....	33
ROBLOX® Makers .....	34
Rockets and Robotics .....	34
Sculpt It! Art Camp .....	34
Social Action Songwriting <b>SSL</b> .....	34
Solar Squad: Green Engineering Adventures <b>New!</b> .....	34
Study Skills 101 .....	35
Summer SLAM <b>SSL</b> .....	35
The Social Innovators Camp <b>SSL</b> .....	35
The Thriving Teen Toolkit: Developing Empowering Practices <b>New!</b> .....	35
Traveling History: The American Presidents <b>SSL</b> .....	36
Traveling History: The Fight for Civil Rights <b>SSL</b> .....	36
Traveling History: The Supreme Court of the United States <b>SSL</b> .....	36
Under the Sea Art Camp .....	36
VEX IQ Robotic Sensor Bots and Programming .....	36
Video Game Animation <b>New!</b> .....	37
Virtual Reality: The Future Is Now .....	37
World Art Camp <b>New!</b> .....	37
World Travel 3D Art Camp <b>New!</b> .....	37
World War II <b>New!</b> .....	37
Writing for the Community <b>SSL</b> .....	38
Writing for the SAT & ACT .....	38
YouTube® Content Creators .....	38
YouTube® FX Shorts <b>New!</b> .....	38
<b>Just Added MC Athletics</b> <b>Girls Basketball, Boys Soccer, Girls Volleyball pg.46</b>	
General Information .....	40
Campus Maps .....	42



## Student Service Learning (SSL) Hours

Montgomery College Youth Programs is proud to offer the following course approved by MCPS for Student Service Learning (SSL) hours.

- Biodiversity in Montgomery County
- Childcare 101
- Controversial Discussions: The Psychology of Conversation
- Forward-Thinking Interior Design
- History in Your Backyard: Montgomery County
- Intro to Innovation
- Leveling Up to Lead
- Psych: What it All Means
- Social Action Songwriting
- Summer SLAM
- The Social Innovators Camp
- Traveling History: The American Presidents
- Traveling History: The Fight for Civil Rights
- Traveling History: The Supreme Court of the United States
- Writing for the Community

Students must attend all days of the camp and complete any project outlined in the course. On the last day of camp, students will receive a signed Student Service Learning (SSL) hour form. When school resumes in August, students must submit this form to the SSL coordinator at their school. MC Youth Programs does not submit the forms to the individual schools.

## Supervision During Lunch

Students attending either full-day programs or both morning and afternoon half-day programs will receive supervision during lunch at no additional cost. Students are responsible for their lunch and should bring non-perishable items daily. Refrigeration is not available. The cafeteria and vending machines are available, but the lines are often long. For most programs the lunch session runs from 12–1 p.m. Students are escorted from their morning classroom to lunch, supervised during lunch, and then escorted to their afternoon class. Students attending only one half-day program are not eligible for lunch supervision services. **NOTE: There is no lunch supervision for students in only a half-day camp. The College cannot provide an environment free of foods containing nuts.**



## Before Care and After Care for Summer Youth Programs

Children are provided with a safe and relaxed environment in which to enjoy a variety of activities. Staff continuously strive to keep the program activities flexible and appealing. Registration is required. SPACE IS LIMITED!

*See schedule on page 13.*

## How to Read a Course Description

For further information please contact Youth Programs at 240-567-7264 or 240-567-7917 or access the Montgomery College Youth Programs website: <http://www.montgomerycollege.edu/youth>.

### Course Title

### Advanced Robotics

### Course Description

The robots are here! Take charge of your future by controlling robots to solve unique creative challenges with your team. Program your robots in the Python coding language using visual and text-based coding tools. Explore the scientific method to observe, plan, test, and modify your robotic approach to problem-solving. No prior experience is required. You will work in pairs or teams for most of the program. In partnership with Black Rocket Productions.

### Course Number

Course: YOU937

### Course Hours

15 Hours

### Tuition and Fees

\$155 + \$50 fee = \$205; NMR add \$25

### Campus

Rockville Campus

### CID #

CID#: 15082

### # of Sessions

5 Sessions

### Days of Week

M T W R F

### Dates

7/17-7/21

### Times

9 a.m.-12 p.m.

### Ages

Ages 13-17

**M** = Monday **T** = Tuesday **W** = Wednesday **R** = Thursday

**F** = Friday **S** = Saturday **U** = Sunday

**SSL** = Student Service Learning Hours

**CID** = Class ID Number

**NMR** = Non Maryland Resident (See page 40 for details.)

**GT** = Gifted and Talented. Courses marked with **GT** are for Gifted and Talented students and require additional signatures for enrollment.



Rockville  
Week of June 24–28, 2024

Course #	Class ID	Course Name	Times	Ages	Page
YTH593	14996	Before Care	7:30–9 a.m.	5–13	13
YTH408	14891	After Care	4–6 p.m.	5–13	13
YTH618	15103	Adventures in Art History <b>New!</b>	9 a.m.–12 p.m.	5–8	15
YTH523	14951	Music Camp	1–4 p.m.	5–10	30
YTH630	15166	Our Planet, Our World! Art Camp <b>New!</b>	1–4 p.m.	6–10	30
YOU874	15039	Rockets and Robotics	1–4 p.m.	6–10	34
YOU786	14965	All About Technology	9 a.m.–12 p.m.	6–10	15
YTH627	15155	Artosaurus Art Camp	9 a.m.–12 p.m.	6–10	16
YTH209	15102	YouTube® Content Creators	1–4 p.m.	8–11	38
YOU384	15063	Make Your First Video Game!	9 a.m.–12 p.m.	8–11	28
YOU524	14894	It's a Museum City	9 a.m.–4 p.m.	8–12	26
YTH641	15234	Budding Chef Workshop	1–4 p.m.	10–12	18
YTH641	15233	Budding Chef Workshop	9 a.m.–12 p.m.	10–12	18
YTH397	15237	Summer SLAM <b>SSL hours</b>	9 a.m.–4 p.m.	11–13	35
YTH389	14960	Controversial Discussions: The Psychology of Conversation <b>SSL hours</b>	1–4 p.m.	11–14	20
YOU384	15064	Make Your First Video Game!	1–4 p.m.	11–14	28
YTH407	15243	The Social Innovators Camp <b>SSL hours</b>	1–4 p.m.	11–14	35
YTH334	15018	Financial Tips and Tricks: Get Ready for Adulthood	9 a.m.–12 p.m.	11–14	23
YTH410	15253	Intro to Innovation Camp <b>SSL hours</b>	9 a.m.–12 p.m.	11–14	26
YTH387	14912	Leveling Up to Lead <b>SSL hours</b>	9 a.m.–12 p.m.	11–14	28
YTH209	15101	YouTube® Content Creators	9 a.m.–12 p.m.	11–14	38
YTH638	15180	History's Mysteries: Curious Clues, Cold Cases, and Puzzles from the Past <b>New!</b>	1–4 p.m.	11–15	25
YOU976	14963	Forward-Thinking Interior Design <b>SSL hours</b>	9 a.m.–4 p.m.	11–17	24
YTH535	14942	Social Action Songwriting <b>SSL hours</b>	1–4 p.m.	12–17	34
YTH110	15019	Forensic Crime Scene Investigators	1–4 p.m.	14–16	24
YTH645	15248	College Apps 101 <b>New!</b>	5–7 p.m.	14–17	20

Online  
Week of June 24–28, 2024

Course #	Class ID	Course Name	Times	Ages	Page
YTH639	15182	A.I. Adventures—Intro to Machine Learning <b>New!</b>	1–3:30 p.m.	8–11	14
YTH414	15190	Code Breakers	1–3:30 p.m.	8–11	19
YTH639	15183	A.I. Adventures—Intro to Machine Learning <b>New!</b>	9:30 a.m.–12 p.m.	11–14	14
YTH414	15191	Code Breakers	9:30 a.m.–12 p.m.	11–14	19

Rockville  
Week of July 1–3, 2024

Course #	Class ID	Course Name	Times	Ages	Page
YTH594	15035	Kids on Campus: July 4th <b>New!</b>	8:30 a.m.–5 p.m.	6–12	26

## Just Announced!

More camps to come! We will be offering **SPORTS CAMPS** this summer!

MC Athletics will have a few weeks of sports camps, possibly including basketball, soccer and volleyball in July, 2024.

More information to come! Please visit our website often for up-to-date information.

**Germantown**  
**Week of July 8–12, 2024**

Course #	Class ID	Course Name	Times	Ages	Page
YTH593	15020	Before Care	7:30–9 a.m.	5–13	13
YTH408	14905	After Care	4–6 p.m.	5–13	13
YTH635	15175	Under the Sea Art Camp	9 a.m.–4 p.m.	6–10	36
YOU659	15072	Minecraft Modders	9 a.m.–12 p.m.	8–11	29
YTH612	15045	Arduino Introduction	9 a.m.–12 p.m.	10–12	15
YTH611	15044	Electronic City	1–4 p.m.	10–12	23
YTH628	15159	City Builders Art Camp <b>New!</b>	9 a.m.–12 p.m.	11–14	19
YTH389	14961	Controversial Discussions: The Psychology of Conversation <b>SSL hours</b>	1–4 p.m.	11–14	20
YTH387	14958	Leveling Up to Lead <b>SSL hours</b>	9 a.m.–12 p.m.	11–14	28
YOU659	15073	Minecraft Modders	1–4 p.m.	11–14	29
YTH630	15165	Our Planet, Our World! Art Camp <b>New!</b>	1–4 p.m.	11–14	30
YTH603	14970	World War II <b>New!</b>	9 a.m.–12 p.m.	11–14	37

**Rockville**  
**Week of July 8–12, 2024**

Course #	Class ID	Course Name	Times	Ages	Page
YTH593	14997	Before Care	7:30–9 a.m.	5–13	13
YTH408	14898	After Care	4–6 p.m.	5–13	13
YTH629	15163	Drawsters–Anime and Cartoon Creations <b>New!</b>	9 a.m.–4 p.m.	6–10	22
YTH605	15011	Drone Missions for Kids <b>New!</b>	9 a.m.–12 p.m.	6–10	22
YOU903	15107	Creative Writing Workshop	1–4 p.m.	8–10	21
YTH454	15050	Digital Arts	9 a.m.–12 p.m.	8–10	21
YTH207	15095	Pokémon® Masters: Designers & 3D Makers Unite!	9 a.m.–12 p.m.	8–11	31
YOU835	15081	Virtual Reality: The Future is Now	1–4 p.m.	8–11	37
YTH375	15122	Pre-Algebra	9 a.m.–12 p.m.	9–12	32
YOU879	15128	Algebra I	9 a.m.–12 p.m.	11–13	15
YTH640	15232	Cupcakes, Cakes and More	9 a.m.–12 p.m.	11–13	21
YTH118	15158	Build It! Art Camp	1–4 p.m.	11–14	18
YTH107	14896	It's Up For Debate ( <b>Two-week camp</b> ) (GT)	9 a.m.–12 p.m.	11–14	26
YTH377	15009	Lego STEM Engineering and Robotics	1–4 p.m.	11–14	27
YTH632	15170	Painting Art Camp–East Meets West	9 a.m.–12 p.m.	11–14	31
YTH207	15096	Pokémon® Masters: Designers & 3D Makers Unite!	1–4 p.m.	11–14	31
YOU835	15080	Virtual Reality: The Future is Now	9 a.m.–12 p.m.	11–14	37
YOU976	14964	Forward-Thinking Interior Design <b>SSL hours</b>	9 a.m.–4 p.m.	11–17	24
YTH643	15241	Traveling History: The Fight for Civil Rights <b>SSL hours</b>	9 a.m.–4 p.m.	11–17	36
YOU880	15115	Geometry	1–4 p.m.	12–14	24
YTH106	14906	Writing for the SAT & ACT ( <b>Two-week camp</b> )	9 a.m.–12 p.m.	13–17	38
YTH110	15021	Forensic Crime Scene Investigators	1–4 p.m.	14–16	24
YTH645	15249	College Apps 101 <b>New!</b>	5–7 p.m.	14–17	20
YTH607	15031	Forensic Crime Lab Technicians <b>New!</b>	9 a.m.–12 p.m.	14–17	24

**Takoma Park/Silver Spring  
Week of July 8–12, 2024**

Course #	Class ID	Course Name	Times	Ages	Page
YTH593	15027	Before Care	7:30–9 a.m.	5–13	13
YTH408	14910	After Care	4–6 p.m.	5–13	13
YTH523	14954	Music Camp	9 a.m.–12 p.m.	5–10	30
YOU786	14968	All About Technology	9 a.m.–12 p.m.	6–10	15
YTH596	14982	If You Give a Kid a Paintbrush	9 a.m.–12 p.m.	6–10	25
YTH597	14983	Master Artist Cartoons <b>New!</b>	1–4 p.m.	6–10	28
YOU874	15040	Rockets and Robotics	1–4 p.m.	6–10	34
YOU992	15091	Python Programmers	9 a.m.–12 p.m.	8–11	33
YTH621	15140	Cartooning 101 <b>New!</b>	1–4 p.m.	11–14	18
YTH410	15252	Intro to Innovation Camp <b>SSL hours</b>	9 a.m.–12 p.m.	11–14	26
YTH460	15146	Musical Theater	1–4 p.m.	11–14	30
YOU992	15092	Python Programmers	1–4 p.m.	11–14	33
YTH407	15242	The Social Innovators Camp <b>SSL hours</b>	1–4 p.m.	11–14	35

**Online  
Week of July 8–12, 2024**

Course #	Class ID	Course Name	Times	Ages	Page
YTH420	15198	Make Your First Video Game!	1–3:30 p.m.	8–11	28
YTH427	15204	Minecraft® Redstone Engineers	9:30 a.m.–12 p.m.	8–11	29
YTH420	15199	Make Your First Video Game!	4:30–7 p.m.	11–14	28
YTH427	15205	Minecraft® Redstone Engineers	1–3:30 p.m.	11–14	29

**Germantown  
Week of July 15–19, 2024**

Course #	Class ID	Course Name	Times	Ages	Page
YTH408	14907	After Care	4–6 p.m.	5–13	13
YTH593	15022	Before Care	7:30–9 a.m.	5–13	13
YTH523	14956	Music Camp	9 a.m.–12 p.m.	5–10	30
YTH629	15161	Drawsters–Anime and Cartoon Creations <b>New!</b>	9 a.m.–4 p.m.	6–10	22
YTH127	15010	Elementary Lego Engineering	1–4 p.m.	6–10	23
YOU992	15087	Python Programmers	9 a.m.–12 p.m.	8–11	33
YTH557	15037	Bloomable Engineering	9 a.m.–12 p.m.	10–12	17
YTH610	15043	Solar Squad: Green Engineering Adventures <b>New!</b>	1–4 p.m.	10–12	34
YTH625	15151	Art Madness Camp <b>New!</b>	1–4 p.m.	11–14	16
YTH606	15012	Drone Missions for Teens <b>New!</b>	9 a.m.–12 p.m.	11–14	22
YTH637	15179	History in Your Backyard: Exploring Montgomery County <b>SSL hours New!</b>	1–4 p.m.	11–14	25
YTH632	15169	Painting Art Camp—East Meets West	9 a.m.–12 p.m.	11–14	31
YOU992	15088	Python Programmers	1–4 p.m.	11–14	33
YTH539	14938	Childcare 101 <b>SSL hours</b>	9 a.m.–4 p.m.	13–16	18
YTH604	14972	Biodiversity in Montgomery County <b>SSL hours New!</b>	9 a.m.–12 p.m.	14–17	17



Rockville  
Week of July 15–19, 2024

Course #	Class ID	Course Name	Times	Ages	Page
YTH593	14998	Before Care	7:30–9 a.m.	5–13	13
YTH408	14899	After Care	4–6 p.m.	5–13	13
YTH634	15174	Sculpt It! Art Camp	9 a.m.–4 p.m.	6–10	34
YOU937	15083	Advanced Robotics	1–4 p.m.	8–11	14
YOU659	15074	Minecraft Modders	9 a.m.–12 p.m.	8–11	29
YTH375	15123	Pre-Algebra	9 a.m.–12 p.m.	9–12	32
YOU879	15129	Algebra I	9 a.m.–12 p.m.	11–13	15
YOU903	15108	Creative Writing Workshop	1–4 p.m.	11–13	21
YTH455	15048	Drama and Theater Arts	9 a.m.–12 p.m.	11–13	22
YOU937	15082	Advanced Robotics	9 a.m.–12 p.m.	11–14	14
YTH621	15141	Cartooning 101 <b>New!</b>	1–4 p.m.	11–14	18
YTH619	15106	Handmade Art	9 a.m.–12 p.m.	11–14	25
YTH637	15178	History in Your Backyard: Exploring Montgomery County <b>SSL hours New!</b>	9 a.m.–12 p.m.	11–14	25
YTH410	15254	Intro to Innovation Camp <b>SSL hours</b>	9 a.m.–12 p.m.	11–14	26
YOU659	15075	Minecraft Modders	1–4 p.m.	11–14	29
YTH460	15147	Musical Theater	1–4 p.m.	11–14	30
YTH407	15245	The Social Innovators Camp <b>SSL hours</b>	1–4 p.m.	11–14	35
YTH636	15176	World Art Camp <b>New!</b>	1–4 p.m.	11–14	37
YTH534	14941	Power Up Your Creativity	1–4 p.m.	11–15	32
YOU880	15116	Geometry	1–4 p.m.	12–14	24
YTH458	15231	Budding Chef Advanced	9 a.m.–3 p.m.	14–15	17
YTH110	15023	Forensic Crime Scene Investigators	1–4 p.m.	14–16	24
YTH645	15250	College Apps 101 <b>New!</b>	5–7 p.m.	14–17	20
YTH607	15032	Forensic Crime Lab Technicians <b>New!</b>	9 a.m.–12 p.m.	14–17	24

Takoma Park/Silver Spring  
Week of July 15–19, 2024

Course #	Class ID	Course Name	Times	Ages	Page
YTH593	15028	Before Care	7:30–9 a.m.	5–13	13
YTH408	14911	After Care	4–6 p.m.	5–13	13
YTH598	14984	Doodle Art Studio	9 a.m.–12 p.m.	6–10	22
YTH514	14974	Elementary Lego Coding and Robots	9 a.m.–12 p.m.	6–10	23
YTH599	14985	World Travel 3D Art Camp <b>New!</b>	1–4 p.m.	6–10	37
YOU384	15066	Make Your First Video Game!	1–4 p.m.	8–11	28
YTH389	14962	Controversial Discussions: The Psychology of Conversation <b>SSL hours</b>	1–4 p.m.	11–14	20
YTH516	14977	Lego Coding and Robots	1–4 p.m.	11–14	27
YTH387	14959	Leveling Up to Lead <b>SSL hours</b>	9 a.m.–12 p.m.	11–14	28
YOU384	15065	Make Your First Video Game!	9 a.m.–12 p.m.	11–14	28
YTH522	14947	Creative iPhone Photography	1–4 p.m.	11–17	20
YTH363	14949	Photoshop-Building an Image	9 a.m.–12 p.m.	11–17	31
YTH334	15016	Financial Tips and Tricks: Get Ready for Adulthood	9 a.m.–12 p.m.	14–17	23

Online  
Week of July 15–19, 2024

Course #	Class ID	Course Name	Times	Ages	Page
YTH412	15186	3D Game Design with Unity	1–3:30 p.m.	8–11	14
YTH417	15194	JavaScript Developer Jam	1–3:30 p.m.	8–11	26
YTH412	15187	3D Game Design with Unity	9:30 a.m.–12 p.m.	11–14	14
YTH417	15195	JavaScript Developer Jam	4:30–7 p.m.	11–14	26

Germantown  
Week of July 22–26, 2024

Course #	Class ID	Course Name	Times	Ages	Page
YTH593	15024	Before Care	7:30–9 a.m.	5–13	13
YTH408	14908	After Care	4–6 p.m.	5–13	13
YOU786	14973	All About Technology	9 a.m.–12 p.m.	6–10	15
YOU874	15041	Rockets and Robotics	1–4 p.m.	6–10	34
YOU384	15061	Make Your First Video Game!	9 a.m.–12 p.m.	8–11	28
YTH609	15042	Learn to Build: Autonomous Robot <b>New!</b>	1–4 p.m.	10–12	27
YTH608	15038	Learn to Solder: Build a Radio <b>New!</b>	9 a.m.–12 p.m.	10–12	27
YTH629	15162	Drawsters–Anime and Cartoon Creations <b>New!</b>	9 a.m.–4 p.m.	11–14	22
YTH602	14969	Exploring Medieval History	9 a.m.–12 p.m.	11–14	23
YOU384	15062	Make Your First Video Game!	1–4 p.m.	11–14	28

Rockville  
Week of July 22–26, 2024

Course #	Class ID	Course Name	Times	Ages	Page
YTH593	14999	Before Care	7:30–9 a.m.	5–13	13
YTH408	14901	After Care	4–6 p.m.	5–13	13
YTH626	15154	Art Rocks! Camp	9 a.m.–4 p.m.	6–10	16
YTH514	14975	Elementary Lego Coding and Robots	9 a.m.–12 p.m.	6–10	23
YOU903	15109	Creative Writing Workshop	1–4 p.m.	8–10	21
YTH455	15049	Drama and Theater Arts	9 a.m.–12 p.m.	8–10	22
YOU658	15070	Code Breakers	9 a.m.–12 p.m.	8–11	19
YTH208	15100	ROBLOX® Makers	1–4 p.m.	8–11	34
YTH375	15124	Pre-Algebra	9 a.m.–12 p.m.	9–12	32
YOU879	15130	Algebra I	9 a.m.–12 p.m.	11–13	15
YOU658	15071	Code Breakers	1–4 p.m.	11–14	19
YTH516	14978	Lego Coding and Robots	1–4 p.m.	11–14	27
YTH631	15168	Painting Art Camp–A Survey of Colorful Art and Extraordinary Artists <b>New!</b>	9 a.m.–4 p.m.	11–14	31
YTH208	15099	ROBLOX® Makers	9 a.m.–12 p.m.	11–14	34
YTH515	14900	Psych: What It All Means <b>SSL hours (Two-week camp)</b>	9 a.m.–12 p.m.	11–17	32
YTH595	15036	The Thriving Teen Toolkit: Developing Empowering Practices <b>New!</b>	1–4 p.m.	11–18	35
YOU880	15117	Geometry	1–4 p.m.	12–14	24
YOU729	14895	Reading for the SAT/ACT	9 a.m.–12 p.m.	13–17	33
YTH110	15026	Forensic Crime Scene Investigators	1–4 p.m.	14–16	24
YOU897	15046	Biology	1–4 p.m.	14–17	17
YTH607	15033	Forensic Crime Lab Technicians <b>New!</b>	9 a.m.–12 p.m.	14–17	24
YTH397	15238	Summer SLAM <b>SSL hours</b>	9 a.m.–4 p.m.	14–17	35
YTH053	15228	Around the World	9 a.m.–3 p.m.	15–16	16

**Takoma Park/Silver Spring  
Week of July 22–26, 2024**

Course #	Class ID	Course Name	Times	Ages	Page
YTH593	15029	Before Care	7:30–9 a.m.	5–13	13
YTH408	14913	After Care	4–6 p.m.	5–13	13
YTH618	15105	Adventures in Art History <b>New!</b>	9 a.m.–12 p.m.	5–8	15
YTH523	14955	Music Camp	1–4 p.m.	5–10	30
YTH403	14944	Anime	1–4 p.m.	6–10	15
YTH600	14986	Creative Inspiration <b>New!</b>	9 a.m.–12 p.m.	6–10	20
YTH207	15097	Pokémon® Masters: Designers & 3D Makers Unite!	9 a.m.–12 p.m.	8–11	31
YTH622	15142	Discoveries in Drawing <b>New!</b>	1–4 p.m.	11–14	22
YTH637	15181	History in Your Backyard: Exploring Montgomery County <b>SSL hours New!</b>	1–4 p.m.	11–14	25
YTH624	15148	Improv at Its Finest <b>New!</b>	1–4 p.m.	11–14	25
YTH207	15098	Pokémon® Masters: Designers & 3D Makers Unite!	1–4 p.m.	11–14	31
YTH522	14948	Creative iPhone Photography	9 a.m.–12 p.m.	11–17	20
YTH363	14950	Photoshop-Building an Image	1–4 p.m.	11–17	31

**Online  
Week of July 22–26, 2024**

Course #	Class ID	Course Name	Times	Ages	Page
YTH639	15184	A.I. Adventures—Intro to Machine Learning <b>New!</b>	9:30 a.m.–12 p.m.	8–11	14
YTH428	15206	Python Programmers	1–3:30 p.m.	8–11	33
YTH553	15210	ROBLOX® Makers	1–3:30 p.m.	8–11	34
YTH639	15185	A.I. Adventures—Intro to Machine Learning <b>New!</b>	1–3:30 p.m.	11–14	14
YTH428	15207	Python Programmers	9:30 a.m.–12 p.m.	11–14	33
YTH553	15211	ROBLOX® Makers	4:30–7 p.m.	11–14	34

**Germantown  
Week of July 29–August 2, 2024**

Course #	Class ID	Course Name	Times	Ages	Page
YTH593	15025	Before Care	7:30–9 a.m.	5–13	13
YTH408	14909	After Care	4–6 p.m.	5–13	13
YTH523	14957	Music Camp	9 a.m.–12 p.m.	5–10	30
YTH626	15153	Art Rocks! Camp	9 a.m.–4 p.m.	6–10	16
YTH514	14976	Elementary Lego Coding and Robots	9 a.m.–12 p.m.	6–10	23
YTH634	15173	Sculpt It! Art Camp	9 a.m.–4 p.m.	6–10	34
YTH207	15094	Pokémon® Masters: Designers & 3D Makers Unite!	1–4 p.m.	8–11	31
YTH118	15157	Build It! Art Camp	9 a.m.–12 p.m.	11–14	18
YTH334	15017	Financial Tips and Tricks: Get Ready for Adulthood	9 a.m.–12 p.m.	11–14	23
YTH410	15255	Intro to Innovation Camp <b>SSL hours</b>	1–4 p.m.	11–14	26
YTH516	14979	Lego Coding and Robots	1–4 p.m.	11–14	27
YTH207	15093	Pokémon® Masters: Designers & 3D Makers Unite!	9 a.m.–12 p.m.	11–14	31
YTH407	15246	The Social Innovators Camp <b>SSL hours</b>	9 a.m.–12 p.m.	11–14	35
YTH636	15177	World Art Camp <b>New!</b>	1–4 p.m.	11–14	37



**Rockville**  
**Week of July 29–August 2, 2024**

Course #	Class ID	Course Name	Times	Ages	Page
YTH593	15001	Before Care	7:30–9 a.m.	5–13	13
YTH408	14902	After Care	4–6 p.m.	5–13	13
YTH630	15167	Our Planet, Our World! Art Camp <b>New!</b>	1–4 p.m.	6–10	30
YTH633	15171	Really Big Gigantic and Teeny Tiny Art Camp <b>New!</b>	9 a.m.–12 p.m.	6–10	33
YOU992	15089	Python Programmers	9 a.m.–12 p.m.	8–11	33
YTH614	15057	Video Game Animation <b>New!</b>	1–4 p.m.	8–11	37
YTH375	15125	Pre-Algebra	9 a.m.–12 p.m.	9–12	32
YTH059	15226	Desserts, Desserts!	9 a.m.–12 p.m.	10–11	21
YOU879	15131	Algebra I	9 a.m.–12 p.m.	11–13	15
YOU903	15112	Creative Writing Workshop	1–4 p.m.	11–13	21
YTH454	15051	Digital Arts	9 a.m.–12 p.m.	11–13	21
YTH622	15143	Discoveries in Drawing	1–4 p.m.	11–14	22
YTH624	15149	Improv at Its Finest <b>New!</b>	1–4 p.m.	11–14	25
YTH517	14897	Military History	9 a.m.–12 p.m.	11–14	28
YOU992	15090	Python Programmers	1–4 p.m.	11–14	33
YTH614	15058	Video Game Animation <b>New!</b>	9 a.m.–12 p.m.	11–14	27
YTH541	14940	Writing for the Community <b>SSL hours</b>	1–4 p.m.	11–14	38
YTH059	15227	Desserts, Desserts!	1–4 p.m.	12–13	21
YOU880	15118	Geometry	1–4 p.m.	12–14	24
YTH535	14943	Social Action Songwriting <b>SSL hours</b>	1–4 p.m.	12–17	34
YTH620	15121	Artificial Intelligence ( <b>Two-week camp</b> )	9 a.m.–4 p.m.	14–17	16
YTH607	15034	Forensic Crime Lab Technicians <b>New!</b>	9 a.m.–12 p.m.	14–17	24
YTH397	15239	Summer SLAM <b>SSL hours</b>	9 a.m.–4 p.m.	14–17	35
YOU888	15047	Calculus	1–4 p.m.	15–17	18

**Takoma Park/Silver Spring**  
**Week of July 29–August 2, 2024**

Course #	Class ID	Course Name	Times	Ages	Page
YTH593	15030	Before Care	7:30–9 a.m.	5–13	13
YTH408	14914	After Care	4–6 p.m.	5–13	13
YTH396	14946	Big Bang Art	1–4 p.m.	6–10	17
YTH601	14987	Off the Wall! <b>New!</b>	9 a.m.–12 p.m.	6–10	30
YOU659	15076	Minecraft Modders	9 a.m.–12 p.m.	8–11	29
YTH403	14945	Anime	9 a.m.–12 p.m.	11–14	15
YOU659	15077	Minecraft Modders	1–4 p.m.	11–14	29
YTH518	14981	Coding and Robotics with Lego Mindstorm	9 a.m.–12 p.m.	11–16	20
YTH378	15006	VEX IQ Robotic Sensor Bots and Programming	1–4 p.m.	11–16	36
YTH539	14936	Childcare 101 <b>SSL hours</b>	9 a.m.–4 p.m.	13–16	18

**Online**  
**Week of July 29–August 2, 2024**

Course #	Class ID	Course Name	Times	Ages	Page
YTH420	15200	Make Your First Video Game!	1–3:30 p.m.	8–11	28
YTH436	15214	YouTube® Content Creators	9:30 a.m.–12 p.m.	8–11	38
YTH420	15201	Make Your First Video Game!	9:30 a.m.–12 p.m.	11–14	28
YTH436	15215	YouTube® Content Creators	1–3:30 p.m.	11–14	38

**Rockville  
Week of August 5–9, 2024**

Course #	Class ID	Course Name	Times	Ages	Page
YTH593	15004	Before Care	7:30–9 a.m.	5–13	13
YTH408	14903	After Care	4–6 p.m.	5–13	13
YTH618	15104	Adventures in Art History <b>New!</b>	9 a.m.–12 p.m.	5–8	15
YTH523	14952	Music Camp	9 a.m.–12 p.m.	5–10	30
YTH628	15160	City Builders Art Camp <b>New!</b>	1–4 p.m.	6–10	19
YOU903	15113	Creative Writing Workshop	1–4 p.m.	8–10	21
YTH454	15052	Digital Arts	9 a.m.–12 p.m.	8–10	21
YTH617	15086	ROBLOX® Coders	1–4 p.m.	8–11	33
YTH615	15059	YouTube® FX Shorts <b>New!</b>	9 a.m.–12 p.m.	8–11	38
YOU524	14939	It's a Museum City	9 a.m.–4 p.m.	8–12	26
YTH623	15144	Circus Camp	9 a.m.–4 p.m.	8–14	19
YTH375	15126	Pre-Algebra	9 a.m.–12 p.m.	9–12	32
YOU879	15132	Algebra I	9 a.m.–12 p.m.	11–13	15
YTH629	15164	Drawsters–Anime and Cartoon Creations <b>New!</b>	9 a.m.–4 p.m.	11–14	22
YTH410	15256	Intro to Innovation Camp <b>SSL hours</b>	9 a.m.–12 p.m.	11–14	26
YTH617	15085	ROBLOX® Coders	9 a.m.–12 p.m.	11–14	33
YTH407	15247	The Social Innovators Camp <b>SSL hours</b>	1–4 p.m.	11–14	35
YTH615	15060	YouTube® FX Shorts <b>New!</b>	1–4 p.m.	11–14	38
YTH518	14980	Coding and Robotics with Lego Mindstorm	9 a.m.–12 p.m.	11–16	20
YTH378	15000	VEX IQ Robotic Sensor Bots and Programming	1–4 p.m.	11–16	36
YTH644	15244	Traveling History: The Supreme Court of the United States <b>SSL hours</b>	9 a.m.–4 p.m.	11–17	36
YOU880	15119	Geometry	1–4 p.m.	12–14	24
YTH539	14937	Childcare 101 <b>SSL hours</b>	9 a.m.–4 p.m.	13–16	18

**Online  
Week of August 5–9, 2024**

Course #	Class ID	Course Name	Times	Ages	Page
YTH412	15188	3D Game Design with Unity	1–3:30 p.m.	8–11	14
YTH417	15196	JavaScript Developer Jam	1–3:30 p.m.	8–11	26
YTH412	15189	3D Game Design with Unity	4:30–7 p.m.	11–14	14
YTH417	15197	JavaScript Developer Jam	9:30 a.m.–12 p.m.	11–14	26

**Rockville  
Week of August 12–16, 2024**

Course #	Class ID	Course Name	Times	Ages	Page
YTH593	15007	Before Care	7:30–9 a.m.	5–13	13
YTH408	14904	After Care	4–6 p.m.	5–13	13
YTH523	14953	Music Camp	1–4 p.m.	5–10	30
YTH627	15156	Artosaurus Art Camp	1–4 p.m.	6–10	16
YTH633	15172	Really Big Gigantic and Teeny Tiny Art Camp <b>New!</b>	9 a.m.–12 p.m.	6–10	33
YTH613	15055	A.I. Adventures—Intro to Machine Learning <b>New!</b>	1–4 p.m.	8–11	14
YTH616	15067	Minecraft® Designers	9 a.m.–12 p.m.	8–11	29
YTH623	15145	Circus Camp	9 a.m.–4 p.m.	8–14	19
YTH375	15127	Pre-Algebra	9 a.m.–12 p.m.	9–12	32
YOU879	15133	Algebra I	9 a.m.–12 p.m.	11–13	15
YOU903	15114	Creative Writing Workshop	1–4 p.m.	11–13	21
YTH454	15053	Digital Arts	9 a.m.–12 p.m.	11–13	21

YTH613	15056	A.I. Adventures—Intro to Machine Learning <b>New!</b>	9 a.m.–12 p.m.	11–14	14
YTH625	15152	Art Madness Camp <b>New!</b>	9 a.m.–12 p.m.	11–14	16
YTH616	15069	Minecraft® Designers	1–4 p.m.	11–14	29
YTH642	15240	Traveling History: The American Presidents <b>SSL hours</b>	9 a.m.–4 p.m.	11–17	36
YOU880	15120	Geometry	1–4 p.m.	12–14	24

**Online**  
**Week of August 12–16, 2024**

Course #	Class ID	Course Name	Times	Ages	Page
YTH425	15202	Minecraft® Modders	1–3:30 p.m.	8–11	29
YTH428	15208	Python Programmers	4:30–7 p.m.	8–11	33
YTH425	15203	Minecraft® Modders	4:30–7 p.m.	11–14	29
YTH428	15209	Python Programmers	1–3:30 p.m.	11–14	33

**Online**  
**Week of August 19–23, 2024**

Course #	Class ID	Course Name	Times	Ages	Page
YTH414	15192	Code Breakers	1–3:30 p.m.	8–11	19
YTH553	15212	ROBLOX® Makers	4:30–7 p.m.	8–11	34
YTH414	15193	Code Breakers	4:30–7 p.m.	11–14	19
YTH553	15213	ROBLOX® Makers	1–3:30 p.m.	11–14	34
YTH144	15236	Study Skills 101	5–7 p.m.	11–17	35

## Before Care and After Care for Summer Youth Programs Ages 5–13

Children are provided with a safe and relaxed environment in which to enjoy a variety of activities. Staff continuously strive to keep the program activities flexible and appealing. Registration is required. **SPACE IS LIMITED!**

### Before Care for Summer Youth Programs

**7:30-9 a.m. Ages 5-13**

**Course: YTH593**

**7.5 Hours**

\$33 + \$20 fee = \$53; NMR add \$25

#### Germantown Campus

CRN#: 15020	7/8-7/12
CRN#: 15022	7/15-7/19
CRN#: 15024	7/22-7/26
CRN#: 15025	7/29-8/2

#### Rockville Campus

CRN#: 14996	6/24-6/28
CRN#: 14997	7/8-7/12
CRN#: 14998	7/15-7/19
CRN#: 14999	7/22-7/26
CRN#: 15001	7/29-8/2
CRN#: 15004	8/5-8/9
CRN#: 15007	8/12-8/16

#### Takoma Park/Silver Spring Campus

CRN#: 15027	7/8-7/12
CRN#: 15028	7/15-7/19
CRN#: 15029	7/22-7/26
CRN#: 15030	7/29-8/2

### After Care for Summer Youth Programs

**4-6 p.m. Ages 5-13**

**Course: YTH408**

**10 Hours**

\$50 + \$20 fee = \$70; NMR add \$25

#### Germantown Campus

CRN#: 14905	7/8-7/12
CRN#: 14907	7/15-7/19
CRN#: 14908	7/22-7/26
CRN#: 14909	7/29-8/2

#### Rockville Campus

CRN#: 14891	6/24-6/28
CRN#: 14898	7/8-7/12
CRN#: 14899	7/15-7/19
CRN#: 14901	7/22-7/26
CRN#: 14902	7/29-8/2
CRN#: 14903	8/5-8/9
CRN#: 14904	8/12-8/16

#### Takoma Park/Silver Spring Campus

CRN#: 14910	7/8-7/12
CRN#: 14911	7/15-7/19
CRN#: 14913	7/22-7/26
CRN#: 14914	7/29-8/2



# Summer Camps 2024

Camps are listed in alphabetical order.

## 3D Game Design with Unity

Are you ready to take your game design skills to another level? With Unity, an industry-grade design software, aspiring game designers will learn level editing, 3D modeling, impactful gameplay creation, as well as how to utilize scripts and variables. Student-created games will be available on a password protected Black Rocket website to share with friends and family. Returning students can create more advanced projects that build on previous years. Students will work in pairs or teams for in-room programs in a COVID safe way. Online classes provide a more independent experience, but with an emphasis on peer to peer feedback to enhance the creative process. In partnership with Black Rocket Productions. For online programs only, the tech specs found here: <https://blackrocket.com/online-tech-specs>. Compatible with MAC and Windows OS only and requires a 64-bit operating system.

**Course: YTH412** **12.5 Hours**

\$145 + \$45 fee = \$185; NMR add \$25

### Online

CID#: 15187	5 Sessions	M T W R F
7/15-7/19	9:30 a.m.-12 p.m.	Ages 11-14
CID#: 15186	5 Sessions	M T W R F
7/15-7/19	1-3:30 p.m.	Ages 8-11
CID#: 15188	5 Sessions	M T W R F
8/5-8/9	1-3:30 p.m.	Ages 8-11
CID#: 15189	5 Sessions	M T W R F
8/5-8/9	4:30-7 p.m.	Ages 11-14

## A.I. Adventures—Intro to Machine Learning **NEW**

Explore the world of artificial intelligence to design fully interactive games and experiences using cutting-edge technology. This program combines artificial intelligence with coding to create an unforgettable learning adventure. You will construct machine learning models that use image and text recognition within block-based coding software to build a portfolio of projects. Your projects will be available on a password-protected Black Rocket website to share with friends and family. You will work in pairs or teams for most of the program. In partnership with Black Rocket Productions. Compatible with MAC, Windows, and Chrome OS. For online programs only, please check the technical specifications needed at home at: <https://blackrocket.com/online-tech-specs>

**Course: YTH613** **15 Hours**

\$155 + \$50 fee = \$205; NMR add \$25

### Rockville Campus

CID#: 15055	5 Sessions	M T W R F
8/12-8/16	1-4 p.m.	Ages 8-11
CID#: 15056	5 Sessions	M T W R F
8/12-8/16	9 a.m.-12 p.m.	Ages 11-14

**Course: YTH639** **12.5 Hours**

\$145 + \$45 fee = \$185; NMR add \$25

### Online

CID#: 15183	5 Sessions	M T W R F
6/24-6/28	9:30 a.m.-12 p.m.	Ages 11-14
CID#: 15182	5 Sessions	M T W R F
6/24-6/28	1-3:30 p.m.	Ages 8-11
CID#: 15184	5 Sessions	M T W R F
7/22-7/26	9:30 a.m.-12 p.m.	Ages 8-11
CID#: 15185	5 Sessions	M T W R F
7/22-7/26	1-3:30 p.m.	Ages 11-14



## Advanced Robotics

The robots are here! Take charge of your future by controlling robots to solve unique creative challenges with your team. Program your robots in the Python coding language using visual and text-based coding tools. Explore the scientific method to observe, plan, test, and modify your robotic approach to problem-solving. No prior experience is required. You will work in pairs or teams for most of the program. In partnership with Black Rocket Productions.

**Course: YOU937** **15 Hours**

\$155 + \$50 fee = \$205; NMR add \$25

### Rockville Campus

CID#: 15082	5 Sessions	M T W R F
7/15-7/19	9 a.m.-12 p.m.	Ages 11-14
CID#: 15083	5 Sessions	M T W R F
7/15-7/19	1-4 p.m.	Ages 8-11

## Adventures in Art History **NEW**

Come learn about artists and create in using their techniques! You will explore different influential artistic movements in art history (Impressionism, Post Impressionism, Pop, Washington Color School), as well as receive in-depth information on the lives of famous artists, with an emphasis on lesser-known artists of color and female artists whenever possible. You will start the day with a short age-appropriate story, video or slide show about an artist followed by a robust discussion. Then you will dive into an art project modeled after the style of the artist or movement studied that day. Media will include tempera paint, watercolor, pastels/oil pastels, and markers. The class will conclude with group time where you can share your thoughts, participate in music and movement and/or games. Instructor: Jennifer Wright

**Course: YTH618** **15 Hours**

\$159 + \$50 fee = \$209; NMR add \$25

### Rockville Campus

CID#: 15103      5 Sessions      M T W R F  
6/24-6/28      9 a.m.-12 p.m.      Ages 5-8

CID#: 15104      5 Sessions      M T W R F  
8/5-8/9      9 a.m.-12 p.m.      Ages 5-8

### Takoma Park/Silver Spring Campus

CID#: 15105      5 Sessions      M T W R F  
7/22-7/26      9 a.m.-12 p.m.      Ages 5-8

## Algebra I

For students who will take algebra 1 in the upcoming school year. Topics covered include factoring, linear and quadratic equations, higher-order polynomials, inequalities, absolute values, and application problems. In partnership with Yang Academy

**Course: YOU879** **15 Hours**

\$225 + \$30 fee = \$255; NMR add \$25

### Rockville Campus

CID#: 15128      5 Sessions      M T W R F  
7/8-7/12      9 a.m.-12 p.m.      Ages 11-13

CID#: 15129      5 Sessions      M T W R F  
7/15-7/19      9 a.m.-12 p.m.      Ages 11-13

CID#: 15130      5 Sessions      M T W R F  
7/22-7/26      9 a.m.-12 p.m.      Ages 11-13

CID#: 15131      5 Sessions      M T W R F  
7/29-8/2      9 a.m.-12 p.m.      Ages 11-13

CID#: 15132      5 Sessions      M T W R F  
8/5-8/9      9 a.m.-12 p.m.      Ages 11-13

CID#: 15133      5 Sessions      M T W R F  
8/12-8/16      9 a.m.-12 p.m.      Ages 11-13

## All About Technology

Fun, exciting, and challenging activities await you as you are introduced to a variety of relevant technologies. You will build circuits as well as build and program robotic devices. Use a Global Positioning System to play a high-tech game of hide and seek. Practice skills such as orienteering, treasure hunting, and way marking—better known as Geocaching. Discover the FUNdamentals of technology. In partnership with Goldsmith Education

**Course: YOU786** **15 Hours**

\$159 + \$50 fee = \$209; NMR add \$25

### Germantown Campus

CID#: 14973      5 Sessions      M T W R F  
7/22-7/26      9 a.m.-12 p.m.      Ages 6-10

### Rockville Campus

CID#: 14965      5 Sessions      M T W R F  
6/24-6/28      9 a.m.-12 p.m.      Ages 6-10

### Takoma Park/Silver Spring Campus

CID#: 14968      5 Sessions      M T W R F  
7/8-7/12      9 a.m.-12 p.m.      Ages 6-10

## Anime

Join Abrakadoodle Anime and learn the Japanese art of animation. Learn about the basics of head and facial features plus body shapes, hands and feet, animal anime and more. Use the Abrakadoodle Anime Guide Book to help take you through the steps to creating your own anime characters. You will learn Japanese games and listen to Japanese folktales. At the end of the session take home your Abrakadoodle Anime Guide Book and your kit materials to further explore this unusual art form. In partnership with Abrakadoodle, MsSTB1Creations, LLC

**Course: YTH403** **15 Hours**

\$275 + \$40 fee = \$315; NMR add \$25

### Takoma Park/Silver Spring Campus

CID#: 14945      5 Sessions      M T W R F  
7/29-8/2      9 a.m.-12 p.m.      Ages 11-14

CID#: 14944      5 Sessions      M T W R F  
7/22-7/26      1-4 p.m.      Ages 6-10

## Arduino Introduction **NEW**

Come learn the basics of building simple electronic circuits programmed with Arduino, a physical computer platform based on a microcontroller board with its own program development environment. You will learn the beginnings of Arduino C programming language, which is based on C. Learn how to create a simple breadboard circuit, then add sensor inputs and output actions that you will program. By the end of the course, you will build your own simple project to take home. Examples of past projects are mood lights, electronic dice, and motion alarms. Instructor: Dr. Monica Mellini, MC Faculty.

**Course: YTH612** **15 Hours**

\$169 + \$55 fee = \$224; NMR add \$25

### Germantown Campus

CID#: 15045      5 Sessions      M T W R F  
7/8-7/12      9 a.m.-12 p.m.      Ages 10-12

## Around the World

Come on a culinary journey throughout the world. Each day, you will explore a different part of the world learning about the culture, history, and food! You will learn a new cooking technique or method and apply it to the cuisine of the day. Monday: Italian, Tuesday: French, Wednesday: Latin, Thursday: Asian, and Friday: Fusion. You will not only learn how to make recipes from these parts of the world, but will also research the history, cultures, languages, and customs. On the last day, you will be encouraged to develop recipes of your own, in order to showcase how influences from different cultures can be used to create a whole new type of cuisine called Fusion. If you love trying new foods, working with exotic ingredients, and learning about other cultures, this is the camp for you! MC Faculty, Marriott Culinary Arts

**Course: YTH053** **25 Hours**

\$325 + \$70 fee = \$395; NMR add \$25

### Rockville Campus

CID#: 15228	5 Sessions	M T W R F
7/22-7/26	9 a.m.-3 p.m.	Ages 15-16

## Art Madness Camp **NEW**

Look around you, art is everywhere! You can find art while digging in the dirt, looking up at the sky, watching a storm and while relaxing at the beach! So many wonderful things can be created when you set your imagination free. Everything we make is fun: sunset silhouettes, Aboriginal dot art, beach drawings, sculptures and 3D art. We learn about soil layers, sunlight colors, thunderstorms, succulent plants, stained glass and much more. Have a blast playing with colors, lines, shapes, textures and forms to create wild art! In partnership with Abrakadoodle, Crisscross Applesauce LLC.

**Course: YTH625** **15 Hours**

\$250 + \$40 fee = \$290; NMR add \$25

### Germantown Campus

CID#: 15151	5 Sessions	M T W R F
7/15-7/19	1-4 p.m.	Ages 11-14

### Rockville Campus

CID#: 15152	5 Sessions	M T W R F
8/12-8/16	9 a.m.-12 p.m.	Ages 11-14

## Art Rocks! Camp

The stage is set for our artists to dive into the world of the music industry! Art Rocks combine fun music themes and energetic art for a wildly creative adventure. You will make model musical instruments, learn about rhythm and legendary rock stars. You will design a poster promoting a concert, as well as a unique label for a new album. Create your own rock art, design mystifying paintings and try your hand at melodic action painting. So, come into the spotlight for a rocking good time! In partnership with Abrakadoodle, Crisscross Applesauce LLC.

**Course: YTH626** **30 Hours**

\$330 + \$65 fee = \$395; NMR add \$25

### Germantown Campus

CID#: 15153	5 Sessions	M T W R F
7/29-8/2	9 a.m.-4 p.m.	Ages 6-10

### Rockville Campus

CID#: 15154	5 Sessions	M T W R F
7/22-7/26	9 a.m.-4 p.m.	Ages 6-10

## Artificial Intelligence

The applications of artificial intelligence are endless—and can be overwhelming. In this AI camp, we will examine fields such as health, economics, music, and engineering through the lens of artificial intelligence. We will delve into the inner workings of interpretable and black-box models including K-Nearest Neighbors classification, regression, K-Means clustering, and decision tree methods. We will also cover important ethical issues including algorithmic bias and the pitfalls of overfitting and underfitting. A typical day will be filled with coding challenges, in-depth lectures, hands-on practice, and projects where we will train and test our own machine learning models. Artificial intelligence is a field that is constantly growing and evolving. It is an exciting time to be working in AI and we can't wait to see what you create during your time with us. We hope you will be inspired to continue to study machine learning and the broader field of computer science after the program. In partnership with Yang Academy

**Course: YTH620** **60 Hours**

\$1.080 + \$100 fee = \$1.180; NMR add \$25

### Rockville Campus

CID#: 15121	10 Sessions	M T W R F
7/29-8/9	9 a.m.-4 p.m.	Ages 14-17

## Artosaurus Art Camp

Explore the wild world of dinosaurs and other reptiles! Learn about prehistoric animals, make dinosaur eggs, create fossil art and habitats. Dig into the life of dinosaurs and your creativity! Experiment with a variety of art techniques while you learn about the study of extinct animals and have a ferociously fun time! In partnership with Abrakadoodle, Crisscross Applesauce LLC.

**Course: YTH627** **15 Hours**

\$250 + \$40 fee = \$290; NMR add \$25

### Rockville Campus

CID#: 15155	5 Sessions	M T W R F
6/24-6/28	9-12 p.m.	Ages 6-10

CID#: 15156	5 Sessions	M T W R F
8/12-8/16	1-4 p.m.	Ages 6-10

## Montgomery College is YOUR Community's College!

**Workforce Development and Continuing Education (WDCE)** offers professional development, work skills, and enrichment programs for all ages and interests.

For more information, please call 240-567-5188 or for a complete list of what WDCE has to offer, visit us on the Web at

[www.montgomerycollege.edu/wdce](http://www.montgomerycollege.edu/wdce).



## Big Bang Art

Big Bang Art is focused upon creating maximum effects using color, techniques and our imaginations. As a Big Bang Artist, you will create amazing artworks! Birds and buildings are brought about beautifully by burgeoning artists! Perspective, patterns, poses, and puzzles provide pizzazz! Still life stamps, symmetry, spider webs, spheres, and space stations certainly satisfy! Awesome architecture awes! Whitewash and watercolor wow! In partnership with Abrakadoodle, MsSTB1Creations, LLC

**Course:** YTH396 **15 Hours**

\$275 + \$40 fee = \$315; NMR add \$25

### Takoma Park/Silver Spring Campus

CID#: 14946      5 Sessions      M T W R F  
7/29-8/2      1-4 p.m.      Ages 6-10

## Biodiversity in Montgomery County **NEW**

Are you curious about the terrestrial and aquatic ecosystems in our own backyards? In this camp, you will get out in the environment to evaluate the health of the biota surrounding Montgomery College. You will explore the reasons for biodiversity loss, particularly when it pertains to pollution and invasive species in our area. How do invasive species in our area impact our community both economically and environmentally? You will research an endangered species, and create an informational poster or pamphlet. You will also learn how to advocate locally, and write a letter to your political representative about one aspect of biodiversity loss in our area.

**MCPS has approved this camp session for 10 Student Service Learning (SSL) hours.** Instructor: Leah Bierly, MCPS teacher

**Course:** YTH604 **15 Hours**

\$159 + \$75 fee = \$234; NMR add \$25

### Germantown Campus

CID#: 14972      5 Sessions      M T W R F  
7/15-7/19      9 a.m.-12 p.m.      Ages 14-17

## Biology

For students who will take biology or honors biology in the upcoming school year. Topics from major branches of biology will be covered: ecology, cell biology, genetics, and impact modern technology has made in the field of biology. In partnership with Yang Academy

**Course:** YOU897 **15 Hours**

\$225 + \$30 fee = \$255; NMR add \$25

### Rockville Campus

CID#: 15046      5 Sessions      M T W R F  
7/22-7/26      1-4 p.m.      Ages 14-17

**M** = Monday   **T** = Tuesday   **W** = Wednesday

**R** = Thursday   **F** = Friday   **S** = Saturday   **U** = Sunday

**SSL** = Student Service Learning Hours

**CID** = Class ID Number

**NMR** = Non Maryland Resident (See page 40 for details.)

## Bloomable Engineering

In this camp, art is inspired by nature, with a little help from technology. You will design and build a flower from a color changing LED and craft items. With a servo motor, movement is added to the stem or petals. The composition is programmed and powered using the Arduino Nano, a member of the Arduino family of microcontroller boards that is small enough to fit inside a flower pot. You will be provided with code that you can individualize for your unique creation and upload to the Nano. After the Nano receives its code, the project will run from a hidden battery. Hot glue will be used to secure components, circuit connections, and decorations. This is a great camp for those who want to jump into Arduino, and for those with some background who want to learn more. Instructor: Dr. Monica Mellini, MC Faculty

**Course:** YTH557 **15 Hours**

\$169 + \$55 fee = \$224; NMR add \$25

### Germantown Campus

CID#: 15037      5 Sessions      M T W R F  
7/15-7/19      9 a.m.-12 p.m.      Ages 10-12

## Budding Chef Advanced

Calling all graduates of our Budding Chef Camp! Have you participated in our Budding Chef Camps in the past and looking to apply those skills to a next-level culinary challenge? Are you an experienced cook who is interested in applying your skills to new recipes and culinary techniques? Budding Chef Advanced builds on the foundations learned in our Budding Chef Camp and then some! Come ready to learn new cooking techniques, experiment cooking with unique ingredients, and learn about recipe construction, calculation, and menu design. We will explore plant-forward cuisine, create pasta from scratch, work with various meat cuts and apply different cooking techniques to design elegant dishes fit for award-winning restaurant menus. Campers must have knowledge of basic knife skills and cuts, cooking techniques, and ability to follow multiple-step recipes. MC Faculty, Marriott Culinary Arts

**Course:** YTH458 **25 Hours**

\$325 + \$70 fee = \$395; NMR add \$25

### Rockville Campus

CID#: 15231      5 Sessions      M T W R F  
7/15-7/19      9 a.m.-3 p.m.      Ages 14-15



## Budding Chef Workshop

Want to be on the next season of "Top Chef Jr."? Come and learn the basics! In this five-day session, you will learn all of the essential kitchen skills needed to master the fundamentals of cooking. We will cover all of the basics of cooking such as how to handle knives, how to read and follow recipes, measuring and mixing, and the importance of kitchen safety. Each day, you will learn how to make a variety of recipes from the following categories: appetizers, salads, entrees, and desserts. You will also learn how to choose recipes in order to create and design menus of their own. On the final day, you will prepare a menu of your favorite recipes from each category, as if you were opening a restaurant of your own! Instructor: MC Faculty, Marriott Culinary Arts

**Course: YTH641** **15 Hours**  
\$195 + \$65 fee = \$260; NMR add \$25

### Rockville Campus

CID#: 15233 5 Sessions M T W R F  
6/24-6/28 9 a.m.-12 p.m. Ages 10-12

CID#: 15234 5 Sessions M T W R F  
6/24-6/28 1-4 p.m. Ages 10-12

## Build It! Art Camp

This camp is all about building really cool stuff like models for largescale sculptures, amazing structures, imaginative creatures, games and more. You will work with a variety of tools, such as screwdrivers, hand drills and hammers, while combining wood, paint, glue, connectors, paper and your endless imaginations. Camp Build It encourages collaboration as well as the development of individual skills and brain power. Make new friends, develop skills and confidence, and create awesome projects! In partnership with Abrakadoodle, Crisscross Applesauce LLC.

**Course: YTH118** **15 Hours**  
\$250 + \$40 fee = \$290; NMR add \$25

### Germantown Campus

CID#: 15157 5 Sessions M T W R F  
7/29-8/2 9 a.m.-12 p.m. Ages 11-14

### Rockville Campus

CID#: 15158 5 Sessions M T W R F  
7/8-7/12 1-4 p.m. Ages 11-14

## Calculus

For students who will take AP calculus (AB or BC) or honors calculus (calculus with applications) in the upcoming school year. Topics covered include continuity, limits, definition of derivatives, rules of differentiation, and applications of differentiation. In partnership with Yang Academy.

**Course: YOU888** **15 Hours**  
\$225 + \$30 fee = \$255; NMR add \$25

### Rockville Campus

CID#: 15047 5 Sessions M T W R F  
7/29-8/2 1-4 p.m. Ages 15-17

## Cartooning 101 **NEW**

Are you ready to unlock your creative potential and embark on a fun-filled artistic journey in cartooning? In this engaging and immersive camp, you will explore the colorful world of cartoons, comics, and character design. Whether you're a beginner or already have some artistic experience, this camp is the perfect opportunity for you to enhance your skills and fuel your imagination. Instructor: Meredith Carver

**Course: YTH621** **15 Hours**  
\$159 + \$40 fee = \$199; NMR add \$25

### Rockville Campus

CID#: 15141 5 Sessions M T W R F  
7/15-7/19 1-4 p.m. Ages 11-14

### Takoma Park/Silver Spring Campus

CID#: 15140 5 Sessions M T W R F  
7/8-7/12 1-4 p.m. Ages 11-14

## Childcare 101

Are you ready to make an impact in the community by learning how to positively influence children? Are you ready to make a change within our community by volunteering your services for workshops at your local school, church, library? In this camp, you will learn the foundations of child development, behavior management and activity development. You will also learn how to prepare and market yourself, including interview skills. You can use these skills to approach schools and organizations that provide childcare during parent training, workshops and meetings. All aspects of safety, for yourself and for the children, will be discussed. The cost of the camp includes certification in CPR and First Aid. In addition, careers in early education will be explored, including college pathways. A field trip either virtually or in-person to the Montgomery College Early Education Center located on the Germantown campus will allow you to observe early education in action. On the last day of class, parents are welcome to attend during the last 30 minutes for a seminar on safety for junior childcare providers. Note: the field trip is subject to change due to COVID protocol. **MCPS has approved this camp session for 10 Student Service Learning (SSL) hours.** Instructors: Ramona Johnson (Rockville and Takoma Park/Silver Spring) and Christina Shawver (Germantown)

**Course: YTH539** **30 Hours**  
\$334 + \$95 fee = \$429; NMR add \$25

### Germantown Campus

CID#: 14938 5 Sessions M T W R F  
7/15-7/19 9 a.m.-4 p.m. Ages 13-16

### Rockville Campus

CID#: 14937 5 Sessions M T W R F  
8/5-8/9 9 a.m.-4 p.m. Ages 13-16

### Takoma Park/Silver Spring Campus

CID#: 14936 5 Sessions M T W R F  
7/29-8/2 9 a.m.-4 p.m. Ages 13-16

## Circus Camp

Take a turn on a tight wire! Walk on stilts! Learn to juggle! Explore the world of a circus performer—the traditions and the feel of being under the Big Top. Take part in a noncompetitive and challenging art form that combines physical activity with cultural arts. Activities include acrobatics, juggling, improvisation, stilt walking, tight wire, and other circus experiences. Improvements in hand/eye coordination, balance, and self-confidence are just some of the benefits of this camp. A juggling kit, which contains Chinese devil sticks, a Chinese Diablo and juggling bean bags and a spinning plate, are yours to keep! Sneakers and comfortable clothing required. In partnership with Michael Rosman's Circus Stars.

**Course: YTH623** **30 Hours**

\$325 + \$55 fee = \$380; NMR add \$25

### Rockville Campus

CID#: 15144 5 Sessions M T W R F  
8/5-8/9 9 a.m.-4 p.m. Ages 8-14

CID#: 15145 5 Sessions M T W R F  
8/12-8/16 9 a.m.-4 p.m. Ages 8-14

## City Builders Art Camp

Calling all creative minds! We are building a city! We will create skyscrapers, bridges and community pools. Design your dream home and a museum featuring your favorite artwork! We will construct an airport for the travelers and a bistro inspired by small French restaurants. Our trees will bring a city garden to life! We will model garden sculptures to create artsy public spaces. Inspired by Van Gogh, we will paint an urban skyline reflected on a river. We will use art skills to translate science, technology, engineering and math into 3D masterpieces. Join us on the road to fun! In partnership with Abrakadoodle, Crisscross Applesauce LLC.

**Course: YTH628** **15 Hours**

\$250 + \$40 fee = \$290; NMR add \$25

### Germantown Campus

CID#: 15159 5 Sessions M T W R F  
7/8-7/12 9 a.m.-12 p.m. Ages 11-14

### Rockville Campus

CID#: 15160 5 Sessions M T W R F  
8/5-8/9 1-4 p.m. Ages 6-10



## Code Breakers

Calling all future coders, programmers, and designers! Learn the basics of coding languages like HTML, JavaScript, and CSS through a series of web projects and design challenges each day and be on your way to becoming the next tech star! Whether you want to be a silicon valley CEO or the high school student who just made \$1 million dollars for programming in their bedroom, this course has the essentials you need to begin your journey. Projects will be available on a Black Rocket website to share with friends and family. Returning students can create more advanced projects that build on previous years. Students will work in pairs or teams for in-room programs in a COVID safe way. Online classes provide a more independent experience, but with an emphasis on peer to peer feedback to enhance the creative process. For online programs only, the tech specs found here: <https://blackrocket.com/online-tech-specs>. Compatible with MAC and Windows OS. In partnership with Black Rocket Productions.

**Course: YOU658** **15 Hours**

\$155 + \$50 fee = \$205; NMR add \$25

### Rockville Campus

CID#: 15070 5 Sessions M T W R F  
7/22-7/26 9 a.m.-12 p.m. Ages 8-11

CID#: 15071 5 Sessions M T W R F  
7/22-7/26 1-4 p.m. Ages 11-14

**Course: YTH414** **12.5 Hours**

\$145 + \$40 fee = \$185; NMR add \$25

### Online

CID#: 15191 5 Sessions M T W R F  
6/24-6/28 9:30 a.m.-12 p.m. Ages 11-14

CID#: 15190 5 Sessions M T W R F  
6/24-6/28 1-3:30 p.m. Ages 8-11

CID#: 15192 5 Sessions M T W R F  
8/19-8/23 1-3:30 p.m. Ages 8-11

CID#: 15193 5 Sessions M T W R F  
8/19-8/23 4:30-7 p.m. Ages 11-14

## Just Announced!

More camps to come! We will be offering **SPORTS CAMPS** this summer!

MC Athletics will have a few weeks of sports camps, possibly including basketball, soccer and volleyball in July, 2024.

More information to come! Please visit our website often for up-to-date information.

## Coding and Robotics with Lego Mindstorm

Do you know what a robot is capable of doing? Get ready to take control! You will build robots, then program them to accomplish tasks, respond to external stimuli, and overcome challenges. Using the EV3 brick from Lego, you will control the robot using Lego programming language and software programming techniques. Experience the challenges of navigation, avoiding obstacles, and detecting objects using sensors. In partnership with Goldsmith Education

**Course: YTH518** **15 Hours**

\$159 + \$50 fee = \$209; NMR add \$25

### Rockville Campus

CID#: 14980      5 Sessions      M T W R F  
8/5-8/9      9 a.m.-12 p.m.      Ages 11-16

### Takoma Park/Silver Spring Campus

CID#: 14981      5 Sessions      M T W R F  
7/29-8/2      9 a.m.-12 p.m.      Ages 11-16

## College Apps 101 **NEW**

College is one of three major life choices a person can make in life. Why not make a good one? You have perhaps heard about different schools but you really don't know much about the school. In this class you will learn how to make an informed decision about which college is a best fit for you. You will create a college application dashboard and be ready to apply to schools of your choice by the start of your senior year.

**Course: YTH645** **10 Hours**

\$249 + \$30 fee = \$279; NMR add \$25

### Rockville Campus

CID#: 15248      5 Sessions      M T W R F  
6/24-6/28      5--7 p.m.      Ages 14-17

CID#: 15249      5 Sessions      M T W R F  
7/8-7/12      5--7 p.m.      Ages 14-17

CID#: 15250      5 Sessions      M T W R F  
7/15-7/19      5--7 p.m.      Ages 14-17

## Controversial Discussions: The Psychology of Conversation

The landscape of the United States seems more polarized than ever across many differing hot button topics. In a world of two second sound bite arguments, political pundits, and rhetorical strategies to obtain points rather than the truth, some wonder how it is possible to have conversations amidst a diversity of opinions. How is it that we create a culture of appropriate controversial discussions but also to evaluate claims critically? How do we engage in conversation without the trappings of name-calling or shouting? This class attempts to navigate this tightrope and digs deeper into the human ego, its insecurities, and why it is the case that progress cannot be made in the key issues that concern us most. This class will cover an introduction to the psychology of conversation, methods of interviewing and questioning, common errors in logic and reasoning, and research skills related to hot-button topics. Learning methods and practices for creating and engaging in constructive conversations is crucial for increasing community health and cooperation. By the end of the course, you will have

produced a fact sheet which details an unbiased snapshot of the issue and the different perspectives associated with it. Additionally, you will create a brochure of the topic, which acts as a guide to help facilitate constructive conversations.

**MCPS has approved this camp session for 10 Student Service Learning (SSL) hours.** Instructor: Cedric Price

**Course: YTH389** **15 Hours**

\$159 + \$30 fee = \$189; NMR add \$25

### Germantown Campus

CID#: 14961      5 Sessions      M T W R F  
7/8-7/12      1-4 p.m.      Ages 11-14

### Rockville Campus

CID#: 14960      5 Sessions      M T W R F  
6/24-6/28      1-4 p.m.      Ages 11-14

### Takoma Park/Silver Spring Campus

CID#: 14962      5 Sessions      M T W R F  
7/15-7/19      1-4 p.m.      Ages 11-14

## Creative Inspiration **NEW**

Art comes from all types of inspiration. Look up at grand trees reaching for the sky! Look down at tiny crawling bugs! Look all around at flowing water, bright colors, mouth-watering fruit, and more! These things will inspire you to construct miniature trees of life and draw Mondrian-style trees—with a twist! You will examine ladybugs and other bugs in their leafy habitats, and create fruity, patterned, mixed media masterpieces inspired by masters like Paul Gauguin. You will learn about Outsider Art—creative works by people who have had little or no formal training in art but inspire us nonetheless. In partnership with Abrakadoodle, MsSTB1Creations, LLC

**Course: YTH600** **15 Hours**

\$275 + \$40 fee = \$315; NMR add \$25

### Takoma Park/Silver Spring Campus

CID#: 14986      5 Sessions      M T W R F  
7/22-7/26      9 a.m.-12 p.m.      Ages 6-10

## Creative iPhone Photography

Get ready to up your photography skills. This dynamic course will teach you how to take creative photos with your iPhone (or any camera.) The iPhone is a powerful photography tool, with many features rivaling a professional camera. You will learn to master these tools. Remember, technical tools are nothing without a creative eye. There will be a major focus on creativity, how to make your photos more interesting, more unique, and personal—in short, you will learn to see. Travel, Landscapes, Selfies, People, Panoramas, Black and White, Video, even Slow-Mo and Time Lapse will all be covered in this course. Instructor: professional photographer Robert Severi

**Course: YTH522** **15 Hours**

\$159 + \$30 fee = \$189; NMR add \$25

### Takoma Park/Silver Spring Campus

CID#: 14947      5 Sessions      M T W R F  
7/15-7/19      1-4 p.m.      Ages 11-17

CID#: 14948      5 Sessions      M T W R F  
7/22-7/26      9 a.m.-12 p.m.      Ages 11-17



## Creative Writing Workshop

Welcome to the boundless worlds of creative writing, where you control the story! In a relaxed environment, learn the writing skills that transform ideas into short fiction, novels, and poetry. Enter a community of writers where students of all skill levels are encouraged to grow and craft stories together, with lessons in character creation, world building, and free writing. Sharpen English skills with lessons in grammatical rules, and experiment with the creative mediums that allow those rules to be broken. Let's create together. In Partnership with Yang Academy

**Course: YOU903**

**15 Hours**

\$225 + \$30 fee = \$255; NMR add \$25

### Rockville Campus

CID#: 15107	5 Sessions	M T W R F
7/8-7/12	1-4 p.m.	Ages 8-10
CID#: 15108	5 Sessions	M T W R F
7/15-7/19	1-4 p.m.	Ages 11-13
CID#: 15109	5 Sessions	M T W R F
7/22-7/26	1-4 p.m.	Ages 8-10
CID#: 15112	5 Sessions	M T W R F
7/29-8/2	1-4 p.m.	Ages 11-13
CID#: 15113	5 Sessions	M T W R F
8/5-8/9	1-4 p.m.	Ages 8-10
CID#: 15114	5 Sessions	M T W R F
8/12-8/16	1-4 p.m.	Ages 11-13

## Cupcakes, Cakes and More

Baking is just the beginning in this exciting camp! For those looking to add some originality to their next batch of cupcakes, this is the camp for you! Throughout the week, you will learn how to bake several types of cakes, make a variety of frosting from scratch, and put it all together like professional Pastry Chefs. You will learn how to elegantly pipe and creatively decorate both cakes and cupcakes. The only thing that you need to bring to this camp, is creativity! MC Faculty, Marriott Culinary Arts

**Course: YTH640**

**15 Hours**

\$195 + \$65 fee = \$260; NMR add \$25

### Rockville Campus

CID#: 15232	5 Sessions	M T W R F
7/8-7/12	9 a.m.-12 p.m.	Ages 11-13



## Desserts, Desserts!

From ice-cream to pies, come learn to make the best part of any meal! Learning how to make cookies from scratch is just the beginning in this exciting camp. Students will learn how to use only natural ingredients to make the most delicious desserts. Monday: Cookies, Tuesday: Ice-cream, mousse, and whipped cream, Wednesday: Breads and rolls, Thursday: Pies, Friday: Cakes. Students will also learn how to make desserts that are dairy-free and gluten-free! Each day, students will work in teams, create a name for their team, and a unique name for the dessert that they will be making. If you are a budding baker who would love to open up their very own bakery one day, this is a great place to start! MC Faculty, Marriott Culinary Arts

**Course: YTH059**

**15 Hours**

\$195 + \$65 fee = \$260; NMR add \$25

### Rockville Campus

CID#: 15226	5 Sessions	M T W R F
7/29-8/2	9 a.m.-12 p.m.	Ages 10-11
CID#: 15227	5 Sessions	M T W R F
7/29-8/2	1-4 p.m.	Ages 12-13

## Digital Arts

Enter the limitless world of digital art, where artists of all skill levels are encouraged to grow and create together. You will learn a variety of digital art techniques as well as the traditional practices that inspired them, with lessons in character design, color theory, perspective and proportions, and the foundations of animation. Everyone is an artist! In partnership with Yang Academy.

**Course: YTH454**

**15 Hours**

\$225 + \$30 fee = \$255; NMR add \$25

### Rockville Campus

CID#: 15050	5 Sessions	M T W R F
7/8-7/12	9 a.m.-12 p.m.	Ages 8-10
CID#: 15051	5 Sessions	M T W R F
7/29-8/2	9 a.m.-12 p.m.	Ages 11-13
CID#: 15052	5 Sessions	M T W R F
8/5-8/9	9 a.m.-12 p.m.	Ages 8-10
CID#: 15053	5 Sessions	M T W R F
8/12-8/16	9 a.m.-12 p.m.	Ages 11-13





## Discoveries in Drawing **NEW**

Are you interested in expanding your drawing horizons? This drawing class will take you through a tour of Cartooning, Landscape, Still Life and Figure Drawing (modest) types of drawing. Start or further develop your skills in this beginner/ introductory drawing class that explores space, shadow, shape and motion according to each style. This foundation class will strengthen basic drawing skills and guide artists to find what style of drawing they may want to pursue beyond the course. Come build your drawing repertoire and style with us! Instructor: Meredith Carver

**Course: YTH622** **15 Hours**

\$159 + \$40 fee = \$199; NMR add \$25

### Rockville Campus

CID#: 15143      5 Sessions      M T W R F  
7/29-8/2      1-4 p.m.      Ages 11-14

### Takoma Park/Silver Spring Campus

CID#: 15142      5 Sessions      M T W R F  
7/22-7/26      1-4 p.m.      Ages 11-14

## Doodle Art Studio **NEW**

Experience art from the top of your head to the tips of your toes. In this camp, you will learn about Israeli artist Gil Sadeh who creates lip, eye and nose sculptures. You will use Model Magic® to create a mouth with expression! The work of fingerprint artist Chuck Close will be explored while you create interesting landscapes using your hands and fingertips. Hands, feet, forearms, lips and even bones will help you learn about a variety of artistic styles and create an interesting body of art! In partnership with Abrakadoodle, MsSTB1Creations, LLC.

**Course: YTH598** **15 Hours**

\$275 + \$40 fee = \$315; NMR add \$25

### Takoma Park/Silver Spring Campus

CID#: 14984      5 Sessions      M T W R F  
7/15-7/19      9 a.m.-12 p.m.      Ages 6-10

## Drama and Theater Arts

Let's bring stories to life! Learn acting skills that transform written scripts into live performances, with lessons in projection and enunciation, movement training, script reading and interpretation, stage combat, and improvisation games. Students from all skill levels will tap into their creative sides, and work together to build confidence in performance. In partnership with Yang Academy.

**Course: YTH455** **15 Hours**

\$225 + \$30 fee = \$255; NMR add \$25

### Rockville Campus

CID#: 15048      5 Sessions      M T W R F  
7/15-7/19      9 a.m.-12 p.m.      Ages 11-13

CID#: 15049      5 Sessions      M T W R F  
7/22-7/26      9 a.m.-12 p.m.      Ages 8-10

## Drawsters—Animé and Cartoon Creations

Come study the fun and beautiful Japanese art of Animé and animation drawing. Learn how to create the unique look that is Animé as well as traditional cartooning, starting with the basics of head and facial features, then adding body shapes, hands and feet and body motion. You will explore animal anime, chibis, mecha and the ways cartooning and anime are used in marketing and style influencing. Use shapes, colors and techniques to produce your own unique finished characters and put it all together to write and illustrate a graphic novel and comic strip. In partnership with Abrakadoodle, Crisscross Applesauce LLC.

**Course: YTH629** **30 Hours**

\$330 + \$65 fee = \$395; NMR add \$25

### Rockville Campus

CID#: 15163      5 Sessions      M T W R F  
7/8-7/12      9 a.m.-4 p.m.      Ages 6-10

CID#: 15164      5 Sessions      M T W R F  
8/5-8/9      9 a.m.-4 p.m.      Ages 11-14

### Germantown Campus

CID#: 15161      5 Sessions      M T W R F  
7/15-7/19      9 a.m.-4 p.m.      Ages 6-10

CID#: 15162      5 Sessions      M T W R F  
7/22-7/26      9 a.m.-4 p.m.      Ages 11-14

## Drone Missions for Kids **NEW**

In this fun and exciting class learn the fundamentals of drones and flight. Take your drone on missions both in the real world and virtually. You will be able to pilot the drone's flight through computer-based programming, creating in-depth indoor flight missions. Take control of the drones of the future in this team-based class and fly like never before. In partnership with Goldsmith Education.

**Course: YTH605** **15 Hours**

\$159 + \$50 fee = \$209; NMR add \$25

### Rockville Campus

CID#: 15011      5 Sessions      M T W R F  
7/8-7/12      9 a.m.-12 p.m.      Ages 6-10

## Drone Missions for Teens **NEW**

In this fun and exciting class learn the fundamentals of drones and flight. Take your drone on missions both in the real world and virtually. You will be able to pilot the drone's flight through computer-based programming, creating in-depth indoor flight missions. You will use your new programming skills to design flight missions of all sorts directly as well as with loops and variables. Come take control of the drones of the future in this team-based camp and fly like never before. In partnership with Goldsmith Education.

**Course: YTH606** **15 Hours**

\$159 + \$50 fee = \$209; NMR add \$25

### Germantown Campus

CID#: 15012      5 Sessions      M T W R F  
7/15-7/19      9 a.m.-12 p.m.      Ages 11-14

## Electronic City Updated!

Let technology bring your creation to life in this project-based course. The technical side of circuit building and programming meets your creative side when you design and build your own city. Locate your electronic city in the setting of your choice: megatropolis, suburbia, vacation village—even Mars! Design the layout and build elements for your city from craft materials. And don't forget transportation, lighting and sound! Program an electronic circuit to equip your city according to your creative vision, e.g., by adding a traffic light system or a light show. Learn to use Arduino controllers with breadboards, LED lights, fans, resistors, and push buttons to bring your city to life. This is a great intermediate course for learners who know a little about Arduinos or programming and want to create a larger demonstration project to take home. Instructor: Dr. Monica Mellini, MC Faculty.

**Course: YTH611** **15 Hours**  
\$169 + \$70 fee = \$239; NMR add \$25

### Germantown Campus

CID#: 15044      5 Sessions      M T W R F  
7/8-7/12      1-4 p.m.      Ages 10-12

## Elementary Lego Coding and Robots

In this introduction to coding, you will learn how to program motors and sensors to do work in the world with Lego Robotics and robotic creations. You will learn the basics of linear coding with unique Lego designs. Come develop skills in coding and reasoning, while bringing Lego builds to life with your programs. You will work in teams and use the programming design presented as a base to coding. Then you will move beyond and create your own designs. In partnership with Goldsmith Education.

**Course: YTH514** **15 Hours**  
\$184 + \$50 fee = \$234; NMR add \$25

### Germantown Campus

CID#: 14976      5 Sessions      M T W R F  
7/29-8/2      9 a.m.-12 p.m.      Ages 6-10

### Rockville Campus

CID#: 14975      5 Sessions      M T W R F  
7/22-7/26      9 a.m.-12 p.m.      Ages 6-10

### Takoma Park/Silver Spring Campus

CID#: 14974      5 Sessions      M T W R F  
7/15-7/19      9 a.m.-12 p.m.      Ages 6-10



## Elementary Lego Engineering

This exciting hands-on engineering class uses Lego Education building materials. You will work in teams to learn the basics of engineering and simple machines. You will be introduced to the concepts of pulleys, levers, gears and more. From this foundation, move on to compound machines and motorized vehicles and robotic creations. You also get a chance to put their new knowledge to work creating your own mechanized designs. Teams will creatively solve challenges using concepts learned in class. Last, but not least, you will get the chance to become inventors. Distance, movement and sound sensors, pulleys, wheels, levers, and gears are all at your command. In partnership with Goldsmith Education.

**Course: YTH127** **15 Hours**  
\$159 + \$50 fee = \$209; NMR add \$25

### Germantown Campus

CID#: 15010      5 Sessions      M T W R F  
7/15-7/19      1-4 p.m.      Ages 6-10

## Exploring Medieval History NEW

Medieval History, Middle Ages or the Dark Ages—no matter what you call it, really cool things happened during that time period. Come explore feudal systems, knights, coat of arms, and castles. Discover what a person experienced in an ordinary day. Of course, learning about the Medieval History would not be complete without exploring warfare and the Black Plague. This is a hands-on camp, with time also spent in a computer lab for research. Instructor: Tyler Bierly, MCPS Social Studies Teacher

**Course: YTH602** **15 Hours**  
\$159 + \$30 fee = \$189; NMR add \$25

### Germantown Campus

CID#: 14969      5 Sessions      M T W R F  
7/22-7/26      9 a.m.-12 p.m.      Ages 11-14

## Financial Tips and Tricks: Get Ready for Adulthood

Prepare for the real world by learning how to earn money, the art of budgeting, living on your own, banking services, credit cards, cars and loans, consumer awareness, saving and investing, and decision making. Learn these life skills before you make painful and life-changing mistakes as an adult! You will learn about responsibility, citizenship and finances using a holistic approach. The middle school course focuses on all of the above topics. For those in the high school level course, you will dive deeper into the topics, and put your new skills into practice as you prepare to live on your own. You do not need to complete the middle school course before enrolling in the high school course. Instructor: Melissa Mazard

**Course: YTH334** **15 Hours**  
\$159 + \$30 fee = \$189; NMR add \$25

### Germantown Campus

CID#: 15017      5 Sessions      M T W R F  
7/29-8/2      9 a.m.-12 p.m.      Ages 14-17

### Rockville Campus

CID#: 15018      5 Sessions      M T W R F  
6/24-6/28      9 a.m.-12 p.m.      Ages 14-17

### Takoma Park/Silver Spring Campus

CID#: 15016      5 Sessions      M T W R F  
7/15-7/19      9 a.m.-12 p.m.      Ages 14-17

## Forensic Crime Lab Technicians **NEW**

It's your turn to catch a killer! Become a forensic crime lab technician as you learn to analyze and interpret a variety of crime scene evidence. You will identify hairs from human and animal sources and look at your own hair under the microscope. Test your skills with fiber analysis as you try to identify unknown fabrics. Presumptive blood tests and blood typing will give you clues to a person's identity. Learn about toxicology as you become a forensic chemist. No matter how neat your handwriting is, you can learn to match handwriting and ink samples. Finally, you will end the week by solving a murder using all of your new skills. Instructor: Heather Ward, MCPS Teacher

**Course: YTH607** **15 Hours**  
\$155 + \$50 fee = \$205; NMR add \$25

### Rockville Campus

CID#: 15031	5 Sessions	M T W R F
7/8-7/12	9 a.m.-12 p.m.	Ages 14-17
CID#: 15032	5 Sessions	M T W R F
7/15-7/19	9 a.m.-12 p.m.	Ages 14-17
CID#: 15033	5 Sessions	M T W R F
7/22-7/26	9 a.m.-12 p.m.	Ages 14-17
CID#: 15034	5 Sessions	M T W R F
7/29-8/2	9 a.m.-12 p.m.	Ages 14-17

## Forensic Crime Scene Investigators

This highly interactive course allows you to combine Biology, Chemistry, and Physics in real world applications of forensic science. You step into the role of a Crime Scene investigator as you learn how to process crime scenes. Starting the moment you step onto the scene, you learn to photograph, sketch, and collect the evidence. Evidence processing includes fingerprint development and analysis, blood spatter reconstruction, insect evidence, and tool marks. You will get a chance to experience what a career in crime scene investigation is truly like. Instructor: Bertha Cabrera

**Course: YTH110** **15 Hours**  
\$155 + \$50 fee = \$205; NMR add \$25

### Rockville Campus

CID#: 15019	5 Sessions	M T W R F
6/24-6/28	1-4 p.m.	Ages 14-16
CID#: 15021	5 Sessions	M T W R F
7/8-7/12	1-4 p.m.	Ages 14-16
CID#: 15023	5 Sessions	M T W R F
7/15-7/19	1-4 p.m.	Ages 14-16
CID#: 15026	5 Sessions	M T W R F
7/22-7/26	1-4 p.m.	Ages 14-16



## Forward-Thinking Interior Design

Design is everywhere! Explore forward-thinking interior design. This class is a hands-on, project-based course which allows you to become a spatial problem solver and help develop design solutions with your peers. You will explore room design, color interpretations, cost estimating, and interviewing skills. This is a fast-paced crash course in interior design where technical knowledge is applicable to various design fields. This course is also constructed to provide an overview of what is expected in the design field. We will discuss current energy innovations, Smart Home technology, Universal design, green design, accessibility and current trends in the industry. You will also explore design as it applies to different segments of the community. For example, planning a kitchen or bathroom for a person with physical challenges, or designing a shelter for various groups, such as women and children.

**MCPS has approved this camp session for 10 Student Service Learning (SSL) hours.** Instructor: Julie Priddy ASID, CMKBD, MC faculty member.

**Course: YOU976** **35 Hours**  
\$325 + \$50 fee = \$375; NMR add \$25

### Rockville Campus

CID#: 14963	5 Sessions	M T W R F
6/24-6/28	9 a.m.-4 p.m.	Ages 11-17
CID#: 14964	5 Sessions	M T W R F
7/8-7/12	9 a.m.-4 p.m.	Ages 11-17

## Geometry

For students who will take geometry, honors geometry, or magnet geometry in the upcoming school year. Topics covered will include properties of two-and three-dimensional geometric shapes and development of mathematical arguments about geometric relationships. In Partnership with Yang Academy

**Course: YOU880** **15 Hours**  
\$225 + \$30 fee = \$255; NMR add \$25

### Rockville Campus

CID#: 15115	5 Sessions	M T W R F
7/8-7/12	1-4 p.m.	Ages 12-14
CID#: 15116	5 Sessions	M T W R F
7/15-7/19	1-4 p.m.	Ages 12-14
CID#: 15117	5 Sessions	M T W R F
7/22-7/26	1-4 p.m.	Ages 12-14
CID#: 15118	5 Sessions	M T W R F
7/29-8/2	1-4 p.m.	Ages 12-14
CID#: 15119	5 Sessions	M T W R F
8/5-8/9	1-4 p.m.	Ages 12-14
CID#: 15120	5 Sessions	M T W R F
8/12-8/16	1-4 p.m.	Ages 12-14

## Handmade Art

Are you interested in creating handmade art for yourself or to possibly to sell as an artist? Come join us in this introductory camp where you will create beautiful works of art. This is a beginner's class and no experience is required. You will focus on using new, recycled and everyday objects to create works of art. Topics covered may include jewelry making, mosaics, different styles and techniques of painting, collage, yard art from recycled materials, and quilling. On the last day, there will be an art show for friends and families where you will present your work. Instructor: Jennifer Wright

**Course: YTH619** **15 Hours**

\$159 + \$50 fee = \$209; NMR add \$25

### Rockville Campus

CID#: 15106      5 Sessions      M T W R F  
7/15-7/19      9 a.m.-12 p.m.      Ages 11-14

## History in Your Backyard: Exploring Montgomery County

Do you ever wonder what personalities and events helped formulate what we witness today in our communities? Digging in to the history of Montgomery County, discover what a locate leader looked like and what events determined the culture make up of our home towns. What role did slavery play? How were neighborhoods created, and most importantly, who were the people who lived in them? Come explore topics such as the racial makeup of Chevy Chase in the early 20th century, the history of the Du-Drop Inn in Emory Grove, explore the Agricultural Reserve and the stories it preserves and more. You will research a lesser-known individual associated with Montgomery County to understand their impact on the community. You will then create a presentation that is your call-to-action. How will you take what you learn to be an advocate in your community? **MCPS has approved this camp for 10 Student Service Learning (SSL) hours.** Instructor: Robert Barnes, MCPS teacher or Julie Priddy, MC Faculty

**MCPS has approved this camp for 10 Student Service Learning (SSL) hours.** Instructor: Robert Barnes, MCPS teacher or Julie Priddy, MC Faculty

**Course: YTH637** **15 Hours**

\$159 + \$30 fee = \$189; NMR add \$25

### Germantown Campus

CID#: 15179      5 Sessions      M T W R F  
7/15-7/19      1-4 p.m.      Ages 11-14

### Rockville Campus

CID#: 15178      5 Sessions      M T W R F  
7/15-7/19      9 a.m.-12 p.m.      Ages 11-14

### Takoma Park/Silver Spring Campus

CID#: 15181      5 Sessions      M T W R F  
7/22-7/26      1-4 p.m.      Ages 11-14

**M = Monday T = Tuesday W = Wednesday**

**R = Thursday F = Friday S = Saturday U = Sunday**

**SSL = Student Service Learning Hours**

**CID = Class ID Number**

**NMR = Non Maryland Resident (See page 40 for details.)**

## History's Mysteries: Curious Clues, Cold Cases, and Puzzles from the Past **NEW**

After over 60 years, the mystery of the escapees of Alcatraz still endures—but what actually became of the convicts? What really happened to the Lost Colony of Roanoke? Who really killed our 35th president John F. Kennedy? This exciting new camp will cover history's heavy-hitting, head-scratching mysteries, including the Bermuda Triangle and the legend of Bigfoot. You will research in a computer lab, learning about primary and secondary sources. Chock-full of cool photos, slide shows, fun facts, and spine-tingling mysteries, this camp will help you to explore these mysteries and crack the curious clues in the hope that someday, someone—maybe you—might find the answers. Are these actual mysteries, or are they just hyped-up stories? Instructor: Robert Barnes

**Course: YTH638** **15 Hours**

\$159 + \$30 fee = \$189; NMR add \$25

### Rockville Campus

CID#: 15180      5 Sessions      M T W R F  
6/24-6/28      1-4 p.m.      Ages 11-15

## If You Give a Kid a Paintbrush **NEW**

If you give a kid a paintbrush, he'll probably want some paint... Join Abrakadoodle for fun with paintbrushes and more! Laura Numeroff's "If You Give" series of books provides a lighthearted backdrop for making cookies, moose tracks, bubble baths, and more! You'll keep a chilly moose warm, make a party for a pig, and have a grand time with balloons. All the while you will learn about texture, printmaking, collage, found objects and recycled materials. Grab that paintbrush and let's have some fun! In partnership with Abrakadoodle, MsSTB1Creations, LLC.

**Course: YTH596** **15 Hours**

\$275 + \$40 fee = \$315; NMR add \$25

### Takoma Park/Silver Spring Campus

CID#: 14982      5 Sessions      M T W R F  
7/8-7/12      9 a.m.-12 p.m.      Ages 6-10

## Improv at Its Finest

The art of improv emphasizes teamwork, trust, and acceptance of self and others by utilizing and honoring the talents in self to understand "We are all in this together." These skills not only apply to life but also build character, creativity and confidence. Come enjoy the journey of improv techniques via game playing and more. We will end the camp with a Sing, Dance, Act skit inspired by the talents of the participants. Instructor: Angela Ingram, MC Faculty

**Course: YTH624** **15 Hours**

\$159 + \$30 fee = \$189; NMR add \$25

### Rockville Campus

CID#: 15149      5 Sessions      M T W R F  
7/29-8/2      1-4 p.m.      Ages 11-14

### Takoma Park/Silver Spring Campus

CID#: 15148      5 Sessions      M T W R F  
7/22-7/26      1-4 p.m.      Ages 11-14



## Intro to Innovation Camp

Have you ever wanted to start a business of your own, such as dog walking, lawn mowing, selling your own artistic creations, or even marketing an app you are creating? If you answered yes to any of those, then this camp is for you! Learn the foundations of turning your business idea into reality by exploring examples of existing businesses founded by young innovators like you. In this camp, you will practice critical thinking skills, learn fundraising and marketing techniques, create a business plan, and deliver two stunning presentations. In addition, you will learn how different innovations can benefit the community at large. In teams, you will develop an innovation to support a community need and present your idea to the class. Then, team up or develop your own individual idea and present your innovation to a panel of judges. **MCPS has approved this course for 5 Student Service Learning (SSL) hours.** Instructors: Southern Management Leadership Scholars.

**Course: YTH410** **15 Hours**

\$154 + \$35 fee = \$189; NMR add \$25

### Germantown Campus

CID#: 15255 10 Sessions M T W R F  
7/29-8/2 1-4 p.m. Ages 11-14

### Rockville Campus

CID#: 15253 10 Sessions M T W R F  
6/24-6/28 9 a.m.-12 p.m. Ages 11-14

CID#: 15254 10 Sessions M T W R F  
7/15-7/19 9 a.m.-12 p.m. Ages 11-14

CID#: 15256 10 Sessions M T W R F  
8/5-8/9 9 a.m.-12 p.m. Ages 11-14

### Takoma Park/Silver Spring Campus

CID#: 15252 10 Sessions M T W R F  
7/8-7/12 9 a.m.-12 p.m. Ages 11-14

## It's a Museum City

Explore the most remarkable art museums and exhibitions in Washington, DC, let alone the world! Travel by metro to the cultural wing of The Hirschhorn, The Renwick, The American Museum of Natural History, The National Building Museum, including access to this year's special art installation, and, finally, back to the Mall to the Air and Space Museum. We will discuss cultural themes and elements of art such as color, texture and shape, and take advantage of museum educational programs. Bring your lunch and wear your walking shoes as we will visit one museum a day for a week. In the event of museum schedule changes, we may consider visiting other museums, such as the National Museum of African American History and Culture, The Museum of American History, or The National Gallery of Art. Instructor: Jessica Hall, MC Faculty.

**Course: YOU524** **35 Hours**

\$334 + \$95 fee = \$429; NMR add \$25

### Rockville Campus

CID#: 14894 5 Sessions M T W R F  
6/24-6/28 9 a.m.-4 p.m. Ages 8-12

CID#: 14939 5 Sessions M T W R F  
8/5-8/9 9 a.m.-4 p.m. Ages 8-12

## It's Up For Debate GT

In this camp, you will learn the main aspects of organized debating including the structure, format and procedures by which debates are conducted, You will learn how to research a subject area and to formulate arguments. And you will learn how to view all sides of an argument and apply this skill not only to discussion in this camp, but, hopefully to all aspects of your life. Instructor: Kraig Bauer

**Course: YTH107** **30 Hours**

\$328 + \$50 fee = \$378; NMR add \$25

### Rockville Campus

CID#: 14896 10 Sessions M T W R F  
7/8-7/19 9 a.m.-12 p.m. Ages 11-14

## JavaScript Developer Jam

Learn programming tools so powerful they seem like magic! Start off by exploring an array of core programming concepts with JavaScript by experimenting in a series of digital challenges. Start with programming your first animated memes, then tackle more advanced skills such as interactive 3D experiences and game creation. Projects will be available on a password protected Black Rocket website to share with friends and family. In partnership with Black Rocket Productions.

**Course: YTH417** **12.5 Hours**

\$145 + \$40 = \$185; NMR add \$25

### Online

CID#: 15194 5 Sessions M T W R F  
7/15-7/19 1-3:30 p.m. Ages 8-11

CID#: 15195 5 Sessions M T W R F  
7/15-7/19 4:30--7 p.m. Ages 11-14

CID#: 15197 5 Sessions M T W R F  
8/5-8/9 9:30 a.m.-12 p.m. Ages 11-14

CID#: 15196 5 Sessions M T W R F  
8/5-8/9 1-3:30 p.m. Ages 8-11

## Kids on Campus: July 4th NEW

Welcome to our July 4th Kids on Campus Summer Camp! This three-day camp is designed to provide a fun, educational and age-appropriate experience, allowing you to celebrate in a safe and engaging environment. Activities may include both indoor and outdoor crafts, games, team building, magic, water play, tie-dyeing and more. Sign up with a friend, or make new friends! This camp is designed to create lasting memories and provide a safe, inclusive and educational environment. Participants should bring sunscreen, a non-perishable lunch, water bottle, and a sense of adventure. Come prepared to be active, get messy and have a lot of fun. Please note that space is limited, so sign up early to secure your place.

**Course: YTH594** **8 Hours**

\$300 + \$50 fee = \$350; NMR add \$25

### Rockville Campus

CID#: 15035 3 Sessions M T W  
7/1-7/3 8:30 a.m.-5 p.m. Ages 6-12

*GT = Gifted and Talented. See page 4 for details.*



## Learn to Build: Autonomous Robot **NEW**

Are you ready to be introduced to robotics? This camp is designed for beginner level robot enthusiasts. You will learn building electronic assembly skills while assembling an autonomous robot car from a kit. The robot cars use sensors such as photoresistors to interact with the environment. You will use a multimeter to check circuit connections for continuity and to troubleshoot and tune your autonomous robot. After the build is completed, design tracks for robot races in your own camp robot rally! At the end of the camp, take home your autonomous robot and multimeter! Basic soldering skills required (or enroll in Learn to Solder camp in the morning!). Instructor: Dr. Monica Mellini, MC Faculty

**Course: YTH609** **15 Hours**  
\$169 + \$75 fee = \$244; NMR add \$25

### Germantown Campus

CID#: 15042      5 Sessions      M T W R F  
7/22-7/26      1-4 p.m.      Ages 10-12

## Learn to Solder: Build a Radio

If you are interested in electrical projects, robotics, electronics, Arduinos, or just want to acquire a new skill, learn to solder! In this camp, you will learn and practice basic soldering skills, safety practices, care of equipment, reading schematics, and circuit testing, while building your own FM radio! You will gain a working knowledge of different types of electronic components that you will encounter in Arduino and robotics projects: resistors, capacitors, diodes, IC chips, potentiometers, LEDs, and learn how to identify these components and determine their polarity. At the end of the camp, take home your soldering kit and FM radio, complete with speaker and auto-tuner! Instructor: Dr. Monica Mellini, MC Faculty

**Course: YTH608** **15 Hours**  
\$169 + \$70 fee = \$239; NMR add \$25

### Germantown Campus

CID#: 15038      5 Sessions      M T W R F  
7/22-7/26      9 a.m.-12 p.m.      Ages 10-12

## Lego Coding and Robots

Coding using Lego Robotics Boost kit. You will learn linear coding using Legos. You will learn coding by building multiple robotic creations such as building humanoid robots, automated vehicles, creating art and music, and manufacturing robots. You learn the basics in coding building the Vernie robot build in groups, receiving challenges in coding movements and behaviors with each step. You then choose from 7 other designs to move forward in your building and programming challenges. In partnership with Goldsmith Education.

**Course: YTH516** **15 Hours**  
\$159 + \$50 fee = \$209; NMR add \$25

### Germantown Campus

CID#: 14979      5 Sessions      M T W R F  
7/29-8/2      1-4 p.m.      Ages 11-14

### Rockville Campus

CID#: 14978      5 Sessions      M T W R F  
7/22-7/26      1-4 p.m.      Ages 11-14

### Takoma Park/Silver Spring Campus

CID#: 14977      5 Sessions      M T W R F  
7/15-7/19      1-4 p.m.      Ages 11-14

## Lego STEM Engineering and Robotics

Engineering technology is a great way to introduce a budding young scientific mind to the future of a high-technology world! In this class, you will work in teams and become technology experts. Instructors will reinforce concepts of force, measurement, construction, design and much more. You will be challenged to create unique machines using your knowledge of technology and design. Come learn how to do some amazing things with technology. In partnership with Goldsmith Education.

**Course: YTH377** **15 Hours**  
\$159 + \$50 fee = \$209; NMR add \$25

### Rockville Campus

CID#: 15009      5 Sessions      M T W R F  
7/8-7/12      1-4 p.m.      Ages 11-14

## Attention High School Students!

Want to get a jump start on a class for next semester?

Want to master Microsoft Word, Excel, or Access?

OR want to learn to create your own website, learn more about digital photography, or power up for the SATs?

Try taking an Ed2Go noncredit online class!. There are hundreds of classes to choose from and you can take them at any time, any place!

For more information, visit [www.montgomerycollege.edu/wdce/noncredit-online-courses](http://www.montgomerycollege.edu/wdce/noncredit-online-courses).



## Leveling Up to Lead

Are you ready to achieve your goals and become the best version of yourself? Do you know what career path you plan to pursue? Would you like to be a better student leader? Come and learn how to develop life skills that will help you advance personally and professionally, including resume development and interviewing skills. Participate in activities that will explore your sense of self, your interests, your preferred style of leadership and possible career skills. In addition, you will explore how your chosen career benefits the community. Enjoy role playing, presentations, discussions, and good ole hands on fun! **MCPS has approved this camp for 10 Student Service Learning (SSL) hours.** Instructor: Cedric Price.

**Course: YTH387** **15 Hours**

\$159 + \$30 fee = \$189; NMR add \$25

### Germantown Campus

CID#: 14958 5 Sessions M T W R F  
7/8-7/12 9 a.m.-12 p.m. Ages 11-14

### Rockville Campus

CID#: 14912 5 Sessions M T W R F  
6/24-6/28 9 a.m.-12 p.m. Ages 11-14

### Takoma Park/Silver Spring Campus

CID#: 14959 5 Sessions M T W R F  
7/15-7/19 9 a.m.-12 p.m. Ages 11-14

## Make Your First Video Game!

If you love playing video games, this is the camp for you! Make your first video game in this one-of-a-kind class that shows you the keys to designing your first 2D platformer game. Conceptualization, play experience, level design, graphics, sounds, and simple coding are just some of the concepts that we'll explore. No prior experience necessary, just a desire to have fun. Student projects will be available on a password protected Black Rocket website to share with friends and family. Games are only compatible on PC computers. Returning students can create more advanced projects that build on previous years. Students will work in pairs or teams for in-room programs in a COVID safe way. Online classes provide a more independent experience, but with an emphasis on peer to peer feedback to enhance the creative process. For online programs only, the tech specs found here: <https://blackrocket.com/online-tech-specs>. Compatible with MAC and Windows OS only. In partnership with Black Rocket Productions.

**Course: YOU384** **15 Hours**

\$155 + \$50 fee = \$205; NMR add \$25

### Germantown Campus

CID#: 15062 5 Sessions M T W R F  
7/22-7/26 1-4 p.m. Ages 11-14

CID#: 15061 5 Sessions M T W R F  
7/22-7/26 9 a.m.-12 p.m. Ages 8-11

### Rockville Campus

CID#: 15063 5 Sessions M T W R F  
6/24-6/28 9 a.m.-12 p.m. Ages 8-11

CID#: 15064 5 Sessions M T W R F  
6/24-6/28 1-4 p.m. Ages 11-14

## Takoma Park/Silver Spring Campus

CID#: 15065 5 Sessions M T W R F  
7/15-7/19 9 a.m.-12 p.m. Ages 11-14

CID#: 15066 5 Sessions M T W R F  
7/15-7/19 1-4 p.m. Ages 8-11

**Course: YTH420** **12.5 Hours**

\$145 + \$40 = \$185; NMR add \$25

### Online

CID#: 15198 5 Sessions M T W R F  
7/8-7/12 1-3:30 p.m. Ages 8-11

CID#: 15199 5 Sessions M T W R F  
7/8-7/12 4:30-7 p.m. Ages 11-14

CID#: 15201 5 Sessions M T W R F  
7/29-8/2 9:30 a.m.-12 p.m. Ages 11-14

CID#: 15200 5 Sessions M T W R F  
7/29-8/2 1-3:30 p.m. Ages 8-11

## Master Artist Cartoons **NEW**

Be a master artist at drawing cartoons inspired by artists and their styles. Experience a flowery adventure with Pop artists, patterns, and portraits. Make a funny facial expression before falling into a magical Surrealist dreamland. Don't get too broken up by the Cubist style, instead let's have a dog of a time, mark-making with an abstract expressionist. In partnership with Abrakadoodle, MsSTB1Creations, LLC

**Course: YTH597** **15 Hours**

\$275 + \$40 fee = \$315; NMR add \$25

### Takoma Park/Silver Spring Campus

CID#: 14983 5 Sessions M T W R F  
7/8-7/12 1-4 p.m. Ages 6-10

## Military History

Calling all history enthusiasts! Come explore different periods of military history including attitudes toward warfare, war's influence on society, the impacts of technology, how armies are organized and the experiences of individual soldiers during different eras. You will watch videos, play games and explore different periods of military history and then complete an After-Action Report for analysis. Come explore topics they do not have time to teach in school. Instructor: Mr. Kraig Bauer, MCPS Social Studies teacher.

**Course: YTH517** **15 Hours**

\$159 + \$30 fee = \$189; NMR add \$25

### Rockville Campus

CID#: 14897 5 Sessions M T W R F  
7/29-8/2 9 a.m.-12 p.m. Ages 11-14

**M = Monday T = Tuesday W = Wednesday**

**R = Thursday F = Friday S = Saturday U = Sunday**

**SSL = Student Service Learning Hours**

**CID = Class ID Number**

**NMR = Non Maryland Resident (See page 40 for details.)**

## Minecraft Modders

Customize your own Minecraft world and mod the classic game in this one-of-a-kind class. Learn scripting and logic statements as you create your first mods. You will create a wide variety of new elements, gameplay mechanics, and world-generating mods to change the way you play Minecraft. Projects will be available on a password-protected Black Rocket website to share with friends and family. You must have the Java version of Minecraft to take this class. Tablet, phone, and game console versions of Minecraft are not compatible. If you are taking this camp for a second or third time, you can create more advanced projects that build on previous years. Students will work in pairs or teams for most of the program. In partnership with Black Rocket Productions.

**Course: YOU659** **15 Hours**

\$155 + \$50 fee = \$205; NMR add \$25

### Germantown Campus

CID#: 15072      5 Sessions      M T W R F  
7/8-7/12      9 a.m.-12 p.m.      Ages 8-11

CID#: 15073      5 Sessions      M T W R F  
7/8-7/12      1-4 p.m.      Ages 11-14

### Rockville Campus

CID#: 15074      5 Sessions      M T W R F  
7/15-7/19      9 a.m.-12 p.m.      Ages 8-11

CID#: 15075      5 Sessions      M T W R F  
7/15-7/19      1-4 p.m.      Ages 11-14

### Takoma Park/Silver Spring Campus

CID#: 15076      5 Sessions      M T W R F  
7/29-8/2      9 a.m.-12 p.m.      Ages 8-11

CID#: 15077      5 Sessions      M T W R F  
7/29-8/2      1-4 p.m.      Ages 11-14

## Minecraft® Designers

If you love the game Minecraft and always wanted to design your own world, this class is for you! Learn how to create a custom map, design structures to share between worlds, build with Redstone and Command blocks, and create custom textures for you to import at home or share with friends. You must have the Java version of Minecraft to take this class. Tablet, phone, and game console versions of Minecraft are not compatible. If you are taking this camp for a second or third time, you can create more advanced projects that build on previous years. You will work in pairs or teams for most of the program. In partnership with Black Rocket Productions.

**Course: YTH616** **15 Hours**

\$155 + \$50 fee = \$205; NMR add \$25

### Rockville Campus

CID#: 15067      5 Sessions      M T W R F  
8/12-8/16      9 a.m.-12 p.m.      Ages 8-11

CID#: 15069      5 Sessions      M T W R F  
8/12-8/16      1-4 p.m.      Ages 11-14

## Minecraft® Modders

Customize your own Minecraft world and mod the classic game in this one of a kind class. Learn scripting and logic statements as you create your first mods. Students will create a wide variety of new elements, gameplay mechanics, and world generating mods to change the way you play Minecraft. Projects will be available on a password protected Black Rocket website to share with friends and family. Students must own a Java version of Minecraft to take this class. Tablet, phone, and game console versions of Minecraft are not compatible. Returning students can create more advanced projects that build on previous years. Students will work in pairs or teams for in-room programs in a COVID safe way. Online classes provide a more independent experience, but with an emphasis on peer to peer feedback to enhance the creative process. For online programs only, the tech specs found here <https://blackrocket.com/online-tech-specs>. Compatible with MAC and Windows OS only. In Partnership with BlackRocket Productions

**Course: YTH425** **12.5 Hours**

\$145 + \$45 fee = \$185; NMR add \$25

### Online

CID#: 15202      5 Sessions      M T W R F  
8/12-8/16      1-3:30 p.m.      Ages 11-14

CID#: 15203      5 Sessions      M T W R F  
8/12-8/16      4:30-7 p.m.      Ages 8-11

## Minecraft® Redstone Engineers

Take the next step beyond simply "playing" Minecraft and become a true Redstone engineer. Expand your Redstone knowledge by constructing your own carnival with a variety of mini-games, roller coasters, and attractions powered by Redstone. Learn how to use Command and Structure blocks to incorporate them into your builds. Activate your skills and take your Minecraft structures to the next level! Students must own a Java version of Minecraft to take this class. Tablet, phone, and game console versions of Minecraft are not compatible. Students will work in pairs or teams for in-room programs in a COVID safe way. Online classes provide a more independent experience, but with an emphasis on peer to peer feedback to enhance the creative process. For online programs only, the tech specs found here <https://blackrocket.com/online-tech-specs>. Compatible with MAC and Windows OS only. In Partnership with BlackRocket Productions

**Course: YTH427** **12.5 Hours**

\$145 + \$45 fee = \$185; NMR add \$25

### Online

CID#: 15204      5 Sessions      M T W R F  
7/8-7/12      9:30 a.m.-12 p.m.      Ages 8-11

CID#: 15205      5 Sessions      M T W R F  
7/8-7/12      1-3:30 p.m.      Ages 11-14

## Music Camp

Learn Now Music introduces you to a variety of musical instruments and concepts including piano, guitar, violin, drums, voice and movement. Participate in musical games, crafts, musical listening excerpts, related projects and more. You are issued instruments to borrow for at-home exploration (rental agreement required). Instruments must be returned at the end of the week. (a.m. instruments: piano and drum; p.m. instruments: violin and guitar). In partnership with Learn Now Music

**Course: YTH523** **15 Hours**

\$175 + \$50 fee = \$225; NMR add \$25

### Germantown Campus

CID#: 14956 5 Sessions M T W R F  
7/15-7/19 9 a.m.-12 p.m. Ages 5-10

CID#: 14957 5 Sessions M T W R F  
7/29-8/2 9 a.m.-12 p.m. Ages 5-10

### Rockville Campus

CID#: 14951 5 Sessions M T W R F  
6/24-6/28 1-4 p.m. Ages 5-10

CID#: 14952 5 Sessions M T W R F  
8/5-8/9 9 a.m.-12 p.m. Ages 5-10

CID#: 14953 5 Sessions M T W R F  
8/12-8/16 1-4 p.m. Ages 5-10

### Takoma Park/Silver Spring Campus

CID#: 14954 5 Sessions M T W R F  
7/8-7/12 9 a.m.-12 p.m. Ages 5-10

CID#: 14955 5 Sessions M T W R F  
7/22-7/26 1-4 p.m. Ages 5-10

## Musical Theater

Calling all musical theatre enthusiasts! Musical Theatre combines songs, spoken dialogue, acting and dance. Learn Broadway style dancing and music in this jazz-based musical theatre camp. Start with classic Luigi style jazz warmups with body isolations, stretch and alignment exercises. Learn some repertoire of Broadway musicals like Chicago, Chorus Line, West Side Story, Hamilton, and more. You will learn acting, vocal techniques, and stage movement, so come ready to dance and sing! Ms. Ingram is a life-long dancer and master instructor who encourages her dancers to understand the cultural context of their dance style to reach a higher quality of movement and to connect with the experiences that originated the dance technique they are bringing to life. Please dress appropriately for active dancing. No experience required. Instructor: Angela Ingram, MC Faculty.

**Course: YTH460** **15 Hours**

\$159 + \$30 fee = \$189; NMR add \$25

### Rockville Campus

CID#: 15147 5 Sessions M T W R F  
7/15-7/19 1-4 p.m. Ages 11-14

### Takoma Park/Silver Spring Campus

CID#: 15146 5 Sessions M T W R F  
7/8-7/12 1-4 p.m. Ages 11-14

## Off the Wall! **NEW**

Have some Off the Wall fun! You will create interesting sculptures and hanging kinetic art that are anything but flat! Your Off the Wall creations will include interactive 3D designs, textiles, and mobiles in the style of world-famous American sculpture artist, Alexander Calder. You will learn about the age-old tradition of designing Chinese opera masks and create whimsical architecture inspired by the clever Pop Art of James Rizzi. In partnership with Abrakadoodle, MsSTB1Creations, LLC

**Course: YTH601** **15 Hours**

\$275 + \$40 fee = \$315; NMR add \$25

### Takoma Park/Silver Spring Campus

CID#: 14987 5 Sessions M T W R F  
7/29-8/2 9 a.m.-12 p.m. Ages 6-10

## Our Planet, Our World! Art Camp **NEW**

If you love our planet this camp is for you! You will create art projects, crafts, play games and explore books that inspire us to make the planet a better place. Come learn how artists are making a difference through their art. Environmental issues are brought to life while you explore a wide variety of art materials! Design a wind sculpture, a trash can that smiles, a sea globe and art installations that blend with nature. Create art inspired by endangered animals such as tigers, bees and panda sculptures that toured the world. Explore exciting STEAM concepts and be part of caring for our planet! In partnership with Abrakadoodle, Crisscross Applesauce LLC.

**Course: YTH630** **15 Hours**

\$250 + \$40 fee = \$290; NMR add \$25

### Germantown Campus

CID#: 15165 5 Sessions M T W R F  
7/8-7/12 1-4 p.m. Ages 11-14

### Rockville Campus

CID#: 15166 5 Sessions M T W R F  
6/24-6/28 1-4 p.m. Ages 6-10

CID#: 15167 5 Sessions M T W R F  
7/29-8/2 1-4 p.m. Ages 6-10

## Lifelong Learning Institute at Montgomery College

The Lifelong Learning Institute is committed to creating intellectually stimulating educational opportunities for Montgomery County residents age 50 and over. Adults of any age may register for these classes. Maryland residents age 60+ pay fee only.

For more information, please visit:

[www.montgomerycollege.edu/lifelonglearning](http://www.montgomerycollege.edu/lifelonglearning)



## Painting Art Camp—East Meets West

The sun rises in the East and sets in the West every day. Just so, artists from East to West and everywhere in between create interesting and beautiful paintings every day! Traverse the world through the fantastical landscapes of English artist Poul Webb. Explore traditional motifs in vase paintings by Chinese artist Zhu Yongjin. Have fun creating art with Miffy the bunny inspired by Chinese painter Liu Ye. Create eye-popping portraits inspired by vibrant Latvian artist Elita Patmalniece and enormous trees in the style of ingenious American Disney illustrator Eyvind Earle. Explore color through the circular abstracts of Japanese artist Atsuko Tanaka. Grab a paintbrush and have a world of fun learning about amazing artwork from Turkey to Iceland to Korea and back. In partnership with Abrakadoodle, Crisscross Applesauce LLC.

**Course: YTH632** **15 Hours**

\$250 + \$40 fee = \$290; NMR add \$25

### Germantown Campus

CID#: 15169      5 Sessions      M T W R F  
7/15-7/19      9 a.m.-12 p.m.      Ages 11-14

### Rockville Campus

CID#: 15170      5 Sessions      M T W R F  
7/8-7/12      9 a.m.-12 p.m.      Ages 11-14

## Painting Art Camp—A Survey of Colorful Art and Extraordinary Artists **NEW**

Come learn painting techniques while learning about a variety of figures in art history. Grab a paintbrush and jump right in using acrylic paint to explore traditional painting subjects such as the figure, landscape, and still life. Learn about painting techniques such as patterns and texture. Explore the works of Dutch master Vincent van Gogh, Japanese artist Katsuhiko Hibino, colorful Brazilian artist Romero Britto, celebrated Cuban painter Amelia Peláez, cutting-edge Colombian artist Fernando Botero, experimental painter Yin Lum from Singapore, and classic Flemish artist Jan van Eyck. You will use mirrors, window effects, natural items and more to create with paint in a variety of ways! We will also have some super, Picasso-style fun! In partnership with Abrakadoodle, Crisscross Applesauce LLC.

**Course: YTH631** **30 Hours**

\$330 + \$65 fee = \$395; NMR add \$25

### Rockville Campus

CID#: 15168      5 Sessions      M T W R F  
7/22-7/26      9 a.m.-4 p.m.      Ages 11-14

## Just Announced!

**More camps to come! We will be offering SPORTS CAMPS this summer!**

MC Athletics will have a few weeks of sports camps, possibly including basketball, soccer and volleyball in July, 2024.

More information to come! Please visit our website often for up-to-date information.

## Photoshop-Building an Image

Are you curious about Photoshop and how it can enhance your photos? Are you ready to learn about post-production in photography? We all know that Photoshop can alter pictures, but most people don't know how. They think you just press a button, and...Bam, Wow! Perfect! Well, it's not that simple. Come learn about the many tools and techniques in Photoshop. In this camp, you will learn from a professional photographer with over 20 years of experience who uses Photoshop every day. You will learn the basics of setting up an image and the tools for retouching and constructing stunning photographs. Photoshop is not just a retouching program; it is an extension of your creative vision. For examples of post-production creativity, please visit the site from this instructor. <http://robertseveri.com/post-production/> With the right tools, anything is possible! Instructor: Professional photographer Robert Severi

**Course: YTH363** **15 Hours**

\$159 + \$30 fee = \$189; NMR add \$25

### Takoma Park/Silver Spring Campus

CID#: 14949      5 Sessions      M T W R F  
7/15-7/19      9 a.m.-12 p.m.      Ages 11-17

CID#: 14950      5 Sessions      M T W R F  
7/22-7/26      1-4 p.m.      Ages 11-17

## Pokémon® Masters: Designers & 3D Makers Unite!

Calling all Poke Masters who want to be the designers of the future! Use your Pokémon imagination and bring your ideas to life. Begin by creating your own digital Pokémon-style custom-playing card game. Progress onto designing action figures, jewelry, and toys in professional-level modeling software. Learn how to prepare a model for 3D printing and create a design portfolio to showcase your work! No prior experience is necessary and 3D designs will be available on a password-protected Black Rocket website to share with friends and family. You will work in pairs or teams for most of the program. In partnership with Black Rocket Productions.

**Course: YTH207** **15 Hours**

\$155 + \$60 fee = \$215; NMR add \$25

### Germantown Campus

CID#: 15093      5 Sessions      M T W R F  
7/29-8/2      9 a.m.-1 p.m.      Ages 11-14

CID#: 15094      5 Sessions      M T W R F  
7/29-8/2      1-4 p.m.      Ages 8-11

### Rockville Campus

CID#: 15095      5 Sessions      M T W R F  
7/8-7/12      9 a.m.-12 p.m.      Ages 8-11

CID#: 15096      5 Sessions      M T W R F  
7/8-7/12      1-4 p.m.      Ages 11-14

### Takoma Park/Silver Spring Campus

CID#: 15097      5 Sessions      M T W R F  
7/22-7/26      9 a.m.-12 p.m.      Ages 8-11

CID#: 15098      5 Sessions      M T W R F  
7/22-7/26      1-4 p.m.      Ages 11-14



## Power Up Your Creativity

Ever feel stuck when you want to be creative? It happens to everyone, but there are simple tricks to get past it and keep it from happening again. Your creativity is essential in school and all life situations. Come learn and practice brain-based tools that dissolve mental blocks, take the stress out of writing, and put the mind into a creative state all day long. We'll use fun and fast games, mindfulness practices, mental "stretching," and more to train your brain. You'll develop the opportunity to "turn on" your creative mind at will with these simple techniques. Instructor: Alice Langholt, Ph.D.

**Course: YTH534** **15 Hours**  
\$159 + \$30 fee = \$189; NMR add \$25

### Rockville Campus

CID#: 14941	5 Sessions	M T W R F
7/15-7/19	1-4 p.m.	Ages 11-15

## Pre-Algebra

For students who will take pre-algebra class in the upcoming school year. Topics covered include the real number system, operations of integers, fractions, and decimals, Prime factorization, least common multiple, greatest common factor, grouping symbols, notation and simplest rules of procedure, integral exponents, roots and radicals, fractional exponents, translating phrases to mathematical expressions and sentences to mathematical equations, absolute value, and solving simple one-variable equations and applications problems. In partnership with Yang Academy

**Course: YTH375** **15 Hours**  
\$225 + \$30 fee = \$255; NMR add \$25

### Rockville Campus

CID#: 15122	5 Sessions	M T W R F
7/8-7/12	9 a.m.-12 p.m.	Ages 9-12
CID#: 15123	5 Sessions	M T W R F
7/15-7/19	9 a.m.-12 p.m.	Ages 9-12
CID#: 15124	5 Sessions	M T W R F
7/22-7/26	9 a.m.-12 p.m.	Ages 9-12
CID#: 15125	5 Sessions	M T W R F
7/29-8/2	9 a.m.-12 p.m.	Ages 9-12
CID#: 15126	5 Sessions	M T W R F
8/5-8/9	9 a.m.-12 p.m.	Ages 9-12
CID#: 15127	5 Sessions	M T W R F
8/12-8/16	9 a.m.-12 p.m.	Ages 9-12

**M** = Monday **T** = Tuesday **W** = Wednesday

**R** = Thursday **F** = Friday **S** = Saturday **U** = Sunday

**SSL** = Student Service Learning Hours

**CID** = Class ID Number

**NMR** = Non Maryland Resident (See page 40 for details.)

## Psych: What It All Means

The taste of watermelon-the memory of your birthday—the wonder of optical illusions-the meaning of dreams—understanding this is all made possible through psychology. In this hand-on class, you will learn the regions of the brain and construct model brain and discover the functions of the five senses and test their functions. You will create optical illusions, understand the stages of sleep, and meaning of dreams. You will learn ways to improve your memory, and discover techniques to train people and pets. You will also discover how and why people act in certain situations and ways to improve your happiness. This is an introductory course for high school psychology. In addition to psychology concepts, we will look at skills to help students succeed in high school and AP Psychology. In addition, you will conduct a research project on mental health issues in our community, and create a poster to support awareness. **MCPS has approved this camp session for 10 Student Service Learning (SSL) hours.** Instructor: Jennifer Bauer, MCPS Teacher

**Course: YTH515** **30 Hours**  
\$328 + \$50 fee = \$378; NMR add \$25

### Rockville Campus

CID#: 14900	10 Sessions	M T W R F
7/22-8/2	9 a.m.-12 p.m.	Ages 11-17

## DRIVER EDUCATION at Montgomery College

Montgomery College's 36 hour Driver Education course is approved by the Maryland Motor Vehicle Administration and consists of the required 30 hours of classroom instruction and 6 hours Behind the Wheel. We also offer Learner Permit Prep courses for students with mild to moderate learning disabilities.

For more information, visit us online at <https://www.montgomerycollege.edu/wdce/drivers-education>.



## Python Programmers

Want to learn the world's fastest-growing programming language favored by Google, NASA, Youtube, and the CIA? Learn how to code with Python to create engaging apps and games. Each lesson takes you step-by-step on a programming path that will let you challenge friends with fun content you create from start to finish! Returning students can create more advanced projects that build on previous years. In partnership with Black Rocket Productions

**Course: YOU992** **15 Hours**

\$155 + \$50 fee = \$205; NMR add \$25

### Germantown Campus

CID#: 15087 5 Sessions M T W R F  
7/15-7/19 9 a.m.-12 p.m. Ages 8-11

CID#: 15088 5 Sessions M T W R F  
7/15-7/19 1-4 p.m. Ages 11-14

### Rockville Campus

CID#: 15089 5 Sessions M T W R F  
7/29-8/2 9 a.m.-12 p.m. Ages 8-11

CID#: 15090 5 Sessions M T W R F  
7/29-8/2 1-4 p.m. Ages 11-14

### Takoma Park/Silver Spring Campus

CID#: 15091 5 Sessions M T W R F  
7/8-7/12 9 a.m.-12 p.m. Ages 8-11

CID#: 15092 5 Sessions M T W R F  
7/8-7/12 1-4 p.m. Ages 11-14

**Course: YTH428** **12.5 Hours**

\$145 + \$40 fee = \$185; NMR add \$25

### Online

CID#: 15207 5 Sessions M T W R F  
7/22-7/26 9:30 a.m.-12 p.m. Ages 11-14

CID#: 15206 5 Sessions M T W R F  
7/22-7/26 1-3:30 p.m. Ages 8-11

CID#: 15209 5 Sessions M T W R F  
8/12-8/16 1-3:30 p.m. Ages 11-14

CID#: 15208 5 Sessions M T W R F  
8/12-8/16 4:30-7 p.m. Ages 8-11

## Reading for the SAT/ACT

An overview of the reading sections for the SAT & ACT reading sections. The course will cover strategies, techniques and key aspects to look for when taking the SAT & ACT tests. This will include practice to employ and refine these skills. Instruction by Kraig Bauer

**Course: YOU729** **15 Hours**

\$159 + \$30 fee = \$189; NMR add \$25

### Rockville Campus

CID#: 14895 5 Sessions M T W R F  
7/22-7/26 9 a.m.-12 p.m. Ages 13-17

## Really Big Gigantic and Teeny Tiny Art Camp **NEW**

It's all about scale in this creative camp that will delight you as you create art that challenges dimensions—from enormous to miniature. Your ideas will flow as you make Cool Globes inspired by the Cool Globe Project that toured around the world. Come learn about Dale Chihuly, who creates masterpieces with glass and color. Make both a gigantic sculpture and small sculptures using recycled products. You will make murals and geometric sculptures, as well as play creativity games with music to help set the tone, and much more. We're not a teeny, tiny bit shy about saying that this camp will be big, gigantic FUN! In partnership with Abrakadoodle, Crisscross Applesauce LLC.

**Course: YTH633** **15 Hours**

\$250 + \$40 fee = \$290; NMR add \$25

### Rockville Campus

CID#: 15171 5 Sessions M T W R F  
7/29-8/2 9 a.m.-12 p.m. Ages 6-10

CID#: 15172 5 Sessions M T W R F  
8/12-8/16 9 a.m.-12 p.m. Ages 6-10

## ROBLOX® Coders

Discover the Lua coding language while designing experiences in ROBLOX®, an online universe where you can create anything you dream of. This class combines game design concepts, coding, and fun! New developers will learn to use Roblox's Studio software to reimagine the popular game genres with your own custom code! Your games will be available on a password-protected Black Rocket website to share with friends and family. You will work in pairs or teams for most of the program. In partnership with Black Rocket Productions.

**Course: YTH617** **15 Hours**

\$155 + \$50 fee = \$205; NMR add \$25

### Rockville Campus

CID#: 15085 5 Sessions M T W R F  
8/5-8/9 9 a.m.-12 p.m. Ages 11-14

CID#: 15086 5 Sessions M T W R F  
8/5-8/9 1-4 p.m. Ages 8-11

## SAT and ACT Prep at Montgomery College

### Why take SAT / ACT classes at MC?

- Online Zoom and in-person options
- Boost test-taking confidence.
- Practice with real tests.
- Small classes.
- Ease test stress.
- Great prices

Classes are offered year round at many convenient locations including online. For more details, please

visit: [www.montgomerycollege.edu/wdce/satprep.html](http://www.montgomerycollege.edu/wdce/satprep.html) or call 240-567-5188.

## ROBLOX® Makers

Unlock the power of ROBLOX® Studio, the world creation tool used by real-world ROBLOX® developers! Learn how to build 3D models and create an adventure in your ROBLOX® world. Bring characters to life with unique animations you design. Student-created projects will be available on a password protected Black Rocket website to share with friends and family. In partnership with Black Rocket Productions

**Course: YTH208** **15 Hours**

\$155 + \$50 fee = \$205; NMR add \$25

### Rockville Campus

CID#: 15099 5 Sessions M T W R F  
7/22-7/26 9 a.m.-12 p.m. Ages 11-14

CID#: 15100 5 Sessions M T W R F  
7/22-7/26 1-4 p.m. Ages 8-11

**Course: YTH553** **12.5 Hours**

\$145 + \$40 = \$185; NMR add \$25

### Online

CID#: 15210 5 Sessions M T W R F  
7/22-7/26 1-3:30 p.m. Ages 8-11

CID#: 15211 5 Sessions M T W R F  
7/22-7/26 4:30-7 p.m. Ages 11-14

CID#: 15213 5 Sessions M T W R F  
8/19-8/23 1-3:30 p.m. Ages 11-14

CID#: 15212 5 Sessions M T W R F  
8/19-8/23 4:30-7 p.m. Ages 8-11

## Rockets and Robotics

What a great combination! Working in small teams, you will learn how to write a step-by-step program to make things follow mazes, react to motion and build simple Lego robots. Build and explore machines and mechanisms, discover motor design differences, and study gearing mechanisms. Then, using some of the concepts learned, design your own rocket that you can test and take home, but not before we have our own launch party (weather permitting)! In partnership with Goldsmith Education

**Course: YOU874** **15 Hours**

\$159 + \$50 fee = \$209; NMR add \$25

### Germantown Campus

CID#: 15041 5 Sessions M T W R F  
7/22-7/26 1-4 p.m. Ages 6-10

### Rockville Campus

CID#: 15039 5 Sessions M T W R F  
6/24-6/28 1-4 p.m. Ages 6-10

### Takoma Park/Silver Spring Campus

CID#: 15040 5 Sessions M T W R F  
7/8-7/12 1-4 p.m. Ages 6-10

## Sculpt It! Art Camp

Learn to sculpt using wire, wood, clay, aluminum, plastic, string and paper. You will mold, bend, twist, stretch, balance and even apply scientific concepts and mathematical methods while you design each three-dimensional creation. Learn about flexible sculptures, busts, kinetic floating elements, Mexican tin art, and amazing artists while creating 3D sculptures that are dynamic, creative, and fun! In partnership with Abrakadoodle, Crisscross Applesauce LLC.

**Course: YTH634** **30 Hours**

\$330 + \$65 fee = \$395; NMR add \$25

### Germantown Campus

CID#: 15173 5 Sessions M T W R F  
7/29-8/2 9 a.m.-4 p.m. Ages 6-10

### Rockville Campus

CID#: 15174 5 Sessions M T W R F  
7/15-7/19 9 a.m.-4 p.m. Ages 6-10

## Social Action Songwriting

One of the most powerful social statement methods throughout history has been through music. Become part of the movement and have your voice heard. Together, we'll choose a cause we want to increase awareness about, discuss it through a process of civil conversation techniques, learn and apply a step-by-step process to create an original song about it, and then go out and perform that song in a public place as we amplify our message and exercise our first amendment rights in the process! Learn the step-by-step method of writing original songs, and let it help you express yourself any time. No experience required!

**MCPS has approved this camp session for 10 Student Service Learning (SSL) hours.** Instructor: Alice Langholt, Ph.D.

**Course: YTH535** **15 Hours**

\$159 + \$30 fee = \$189; NMR add \$25

### Rockville Campus

CID#: 14942 5 Sessions M T W R F  
6/24-6/28 1-4 p.m. Ages 12-17

CID#: 14943 5 Sessions M T W R F  
7/29-8/2 1-4 p.m. Ages 12-17

## Solar Squad: Green Engineering Adventures **NEW**

Calling all curious minds to explore engineering design using green energy! Through hands-on design and build activities, experiments, and competitions, chart your green energy adventure by harnessing the power of sun, wind, and water. You will learn the fundamentals of electricity and build your own circuits, powered by renewable energy. Convert your electrical devices to run on solar, wind, or crank power! Team up with fellow campers to race your model electric cars.. At the end of the week, you will take your green engineering kit home to continue your exploration and show family and friends how to create a greener future. Instructor: Dr. Monica Mellini, MC Faculty

**Course: YTH610** **15 Hours**

\$169 + \$75 fee = \$244; NMR add \$25

### Germantown Campus

CID#: 15043 5 Sessions M T W R F  
7/15-7/19 1-4 p.m. Ages 10-12

## Study Skills 101

Study Skills 101 is designed to provide background knowledge, resource materials, and suggestions that will relieve academic distress and help you optimize your success as a lifelong learner. Learning good study habits now will lay the groundwork for successful work habits as an adult. This course is academic relief at your fingertips! Learn to use academic and practical tools to increase your likelihood for success, including organizational tools, time management techniques, test preparation and test-taking strategies, note-taking guidance, and personal responsibility tips. For online classes, materials required at home include: a computer, tablet or Chromebook with access to Chrome for google docs, form and slides, a non-MCPS google account. Synchronous online instruction via google meet. In partnership with Milner Educational Consulting

Course: YTH144

10 Hours

\$249 + \$30 fee = \$279; NMR add \$25

### Online

CID#: 15236	5 Sessions	M T W R F
8/19-8/23	5--7 p.m.	Ages 11-17

## Summer SLAM

Do you want to achieve consistent success at school? Students learning to achieve more (Summer SLAM) is a class for middle and high school students who want to achieve consistent success at school. You will improve your college career awareness. You will learn healthy ways to deal with school stress with mindfulness techniques and what it means to truly have mental and emotional wellbeing. This course will teach you how to learn but will also provide coping mechanisms to deal with the pressures of academics. We know that school is stressful but there are study skills, habits, and techniques that can help you handle the stress in a healthy way. Many students earn decent grades, but may have been inconsistent in their performance. Summer SLAM is a hands-on study skills class that focuses on executive functioning, achievement motivation and college awareness. In addition, you will create a survival guide for your appropriate grade level (middle or high school) that can be shared with students in MCPS. The survival guide will include what students learned in the class to provide peer to peer advice on how to study, develop a growth mindset, and how to thrive in school. The Survival Guides will be published online and shared at the participants' school to better their school community. **MCPS has approved this camp session for 10 Student Service Learning (SSL) hours.** In partnership with Milner Education Consulting.

Course: YTH397

30 Hours

\$395 + \$50 fee = \$445; NMR add \$25

### Rockville Campus

CID#: 15237	5 Sessions	M T W R F
6/24-6/28	9 a.m.-4 p.m.	Ages 11-13
CID#: 15238	5 Sessions	M T W R F
7/22-7/26	9 a.m.-4 p.m.	Ages 14-17
CID#: 15239	5 Sessions	M T W R F
7/29-8/2	9 a.m.-4 p.m.	Ages 14-17

## The Social Innovators Camp

Have you noticed a problem in your neighborhood or community you think you could solve? Do you have an idea of how to improve the quality of life for those in need, educate others about environmental issues, or simply bring joy to others? Work in teams to develop a plan to combat an existing (or potential) social/environmental issue or need in your community, all while earning Student Service Learning (SSL) hours. In this camp, you will learn how to utilize resources, gain and engage supporters, launch a public service campaign, and most importantly, how to make a positive and lasting impact in your society using your innovative mindset. At the end of the week, you will have all the tools you need to put your idea into action, and the opportunity to present your plans to local community leaders for feedback about your impact. **MCPS has approved this camp session for 10 Student Service Learning (SSL) hours.** Instructors: Southern Management Leadership Program Scholars.

Course: YTH407

15 Hours

\$154 + \$35 fee = \$189; NMR add \$25

### Germantown Campus

CID#: 15246	5 Sessions	M T W R F
7/29-8/2	9 a.m.-12 p.m.	Ages 11-14

### Rockville Campus

CID#: 15243	5 Sessions	M T W R F
6/24-6/28	1-4 p.m.	Ages 11-14

CID#: 15245	5 Sessions	M T W R F
7/15-7/19	1-4 p.m.	Ages 11-14

CID#: 15247	5 Sessions	M T W R F
8/5-8/9	1-4 p.m.	Ages 11-14

### Takoma Park/Silver Spring Campus

CID#: 15242	5 Sessions	M T W R F
7/8-7/12	1-4 p.m.	Ages 11-14

## The Thriving Teen Toolkit: Developing Empowering Practices **NEW**

The world around us has become more stressful, but never fear! You are more powerful than you even know! This program will reveal your super powers and train you how to use them. You'll learn and practice powerful tools for increasing personal power, resiliency, and effective self-care during stressful times. Some of the techniques included are: Reiki, EFT, simple Meditation, Manifesting, and inner peace-strengthening practices. Your instructor is a Reiki Master Teacher, EFT Master, and Intuitive Counselor, as well as a prolific author. Join Alice for this mind-blowing class that will empower you for life. Instructor: Alice Langholt, PhD.

Course: YTH595

15 Hours

\$159 + \$30 fee = \$189; NMR add \$25

### Rockville Campus

CID#: 15036	5 Sessions	M T W R F
7/22-7/26	1-4 p.m.	Ages 11-18



## Traveling History: The American Presidents

There is no political office more powerful than the President of the United States. In this camp, you will have the opportunity to research your favorite President and understand their impact on the country. You will pick one topic from your President of choice and create a fact sheet and presentation, focusing on how you can use this idea to advocate for change in your community. On Tuesdays and Thursdays, you will travel to Washington DC via the metro to explore areas of the city influenced by the executive office. The field trip locations may include the White House and relevant portions of the Smithsonian American History Museum. Please note that the field trip locations may change based on COVID protocols.

**MCPS has approved this camp session for 10 Student Service Learning (SSL) hours.** In partnership with Milner Educational Consulting.

**Course: YTH642** **35 Hours**

\$399 + \$60 fee = \$459; NMR add \$25

### Rockville Campus

CID#: 15240	5 Sessions	M T W R F
8/12-8/16	9 a.m.-4 p.m.	Ages 11-17

## Traveling History: The Fight for Civil Rights

Together, we will uncover the powerful stories of Americans who fought to achieve and protect the civil rights of Americans. Come learn about the fight for civil rights in Montgomery County, Washington, D.C., and other areas throughout the United States. On Tuesdays and Thursdays, you will travel to Washington DC via the metro to explore relevant Civil Rights locations. The field trip locations may include the National Museum of African American History and Culture and relevant portions of the Smithsonian American History Museum. Get ready to explore the legacy of the Civil Rights Movement!

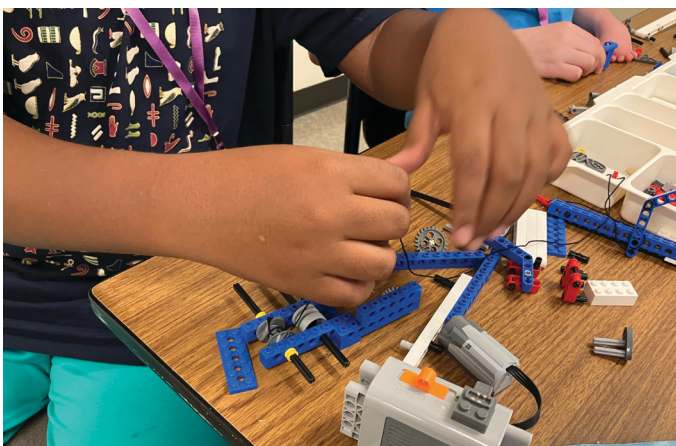
You will pick one topic of interest and create a fact sheet and presentation, focusing on how you can use this idea to advocate for change in your community. **MCPS has approved this camp session for 10 Student Service Learning (SSL) hours.** In partnership with Milner Educational Consulting.

**Course: YTH643** **35 Hours**

\$399 + \$60 fee = \$459; NMR add \$25

### Rockville Campus

CID#: 15241	5 Sessions	M T W R F
7/8-7/12	9 a.m.-4 p.m.	Ages 11-17



## Traveling History: The Supreme Court of the United States

The Supreme Court of the United States has made many decisions that have impacted the lives of Americans. In this camp, you will research famous decisions that have changed how we live and work in this country. You will research a case of your choice and present it in class, focusing on how you can use this idea to advocate for change in your community. On Tuesdays and Thursdays, you will travel to Washington DC via the metro to explore such sites as the Supreme Court and the United States Capitol Building. Please note that the field trip locations may change based on COVID protocols. **MCPS has approved this camp session for 10 Student Service Learning (SSL) hours.** In partnership with Milner Educational Consulting.

**Course: YTH644** **35 Hours**

\$399 + \$60 fee = \$459; NMR add \$25

### Rockville Campus

CID#: 15244	5 Sessions	M T W R F
8/5-8/9	9 a.m.-4 p.m.	Ages 11-17

## Under the Sea Art Camp

Make a big splash and join us for adventures in our Under the Sea Art Camp. You will learn all about jellyfish, octopuses, dolphins, whales and even mermaids! Create fun paintings, collages, sculptures and more. You will have oceans of fun drawing, painting, constructing and exploring the luminescence of water and the seafaring creatures., playing games, reading stories, learning about ecology and underwater mysteries while you play games, read stories and see the ocean from a new perspective. So, dive in! You won't get wet but you'll make some new friends and have tons of FUN under the sea! In partnership with Abrakadoodle, Crisscross Applesauce LLC.

**Course: YTH635** **30 Hours**

\$330 + \$65 fee = \$395; NMR add \$25

### Germantown Campus

CID#: 15175	5 Sessions	M T W R F
7/8-7/12	9 a.m.-4 p.m.	Ages 6-10

## VEX IQ Robotic Sensor Bots and Programming

Using the versatile VEX IQ ROBOTICS kit you will build a multitude of models to explore robotics design. You will design robots to overcome different challenges including those that have been used in previous VEX IQ ROBOTICS national competitions. You will use both remote controlled and individually programmed autonomous robots in this team-based engineering camp. You will gain experience design testing and improving from a basic prototype as well as programming sensors and decision-making logic. In partnership with Goldsmith Education.

**Course: YTH378** **15 Hours**

\$159 + \$50 fee = \$209; NMR add \$25

### Rockville Campus

CID#: 15000	5 Sessions	M T W R F
8/5-8/9	1-4 p.m.	Ages 11-16

### Takoma Park/Silver Spring Campus

CID#: 15006	5 Sessions	M T W R F
7/29-8/2	1-4 p.m.	Ages 11-16



## Video Game Animation **NEW**

Bring your animations to life with design tools used by real game developers! Create sophisticated sprite animations using simple-to-learn techniques that you can use in any 2D editor. Squash, stretch, and shade your creations to make your characters pop! You do not need any prior experience in game design, animation, or sketching. The games you create will be available on a password-protected Black Rocket website to share with friends and family. You will work in pairs or teams for most of the program. In partnership with Black Rocket Productions.

**Course: YTH614** **15 Hours**  
\$155 + \$50 fee = \$205; NMR add \$25

### Rockville Campus

CID#: 15058	5 Sessions	M T W R F
7/29-8/2	9 a.m.-12 p.m.	Ages 11-14
CID#: 15057	5 Sessions	M T W R F
7/29-8/2	1-4 p.m.	Ages 8-11

## Virtual Reality: The Future Is Now

Embark on an EPIC adventure in virtual reality! In this cutting-edge class, learn the foundations of VR design by creating your own virtual worlds, exploring simulated environments, crafting 3D experiences, and learning basic programming concepts. At the end of the end of the week, take home your first cardboard VR headset to show friends and family the new worlds you created. VR projects can be viewed on a website or mobile device. You do not need a mobile device to take the class, but will need access to a mobile device at home. VR projects will be available on a password-protected Black Rocket website to share with friends and family. You will work in pairs or teams for most of the program. In partnership with Black Rocket Productions.

**Course: YOU835** **15 Hours**  
\$155 + \$60 fee = \$215; NMR add \$25

### Rockville Campus

CID#: 15080	5 Sessions	M T W R F
7/8-7/12	9 a.m.-12 p.m.	Ages 11-14
CID#: 15081	5 Sessions	M T W R F
7/8-7/12	1-4 p.m.	Ages 8-11



## World Art Camp **NEW**

All the world's a studio! With locations around the world, this camp focuses upon art from six locations: The United States, Panama, Indonesia, Singapore, China, and Japan. In each class, you are learning more about world artists, culture, and traditions as you explore unique sculptures, create vibrant paintings, learn about ancient ink techniques, and discover rich cultural traditions. This series even includes quirky robots and sleepy dogs! In partnership with Abrakadoodle, Crisscross Applesauce LLC.

**Course: YTH636** **15 Hours**  
\$250 + \$40 fee = \$290; NMR add \$25

### Germantown Campus

CID#: 15177	5 Sessions	M T W R F
7/29-8/2	1-4 p.m.	Ages 11-14

### Rockville Campus

CID#: 15176	5 Sessions	M T W R F
7/15-7/19	1-4 p.m.	Ages 11-14

## World Travel 3D Art Camp **NEW**

Travel with us on this creative journey and change the way you see the world! Create 3D masterpieces inspired by world cultures. Learn about Chinese ceramics, Croatian "licitar" hearts, Maori design carvings from New Zealand, "nicho" boxes from Mexico and much more. Create art using a variety of materials, play games and understand that through art we can connect with people from all over the world. In partnership with Abrakadoodle, MsSTB1Creations, LLC

**Course: YTH599** **15 Hours**  
\$275 + \$40 fee = \$315; NMR add \$25

### Takoma Park/Silver Spring Campus

CID#: 14985	5 Sessions	M T W R F
7/15-7/19	9 a.m.-12 p.m.	Ages 6-10

## World War II **NEW**

The Second World War involved almost every part of the world and most of the great powers of the day. Why did the war begin and what were the issues? How was the war fought and how did it end? What was the impact on the world, and what came next? Could it have been prevented? Come learn about the war in this interactive camp. You will learn interesting facts, have time to research and learn how to debate opposing ideas. Instructor: Tyler Bierly, MCPS Social Studies Teacher

**Course: YTH603** **15 Hours**  
\$159 + \$30 fee = \$189; NMR add \$25

### Germantown Campus

CID#: 14970	5 Sessions	M T W R F
7/8-7/12	9 a.m.-12 p.m.	Ages 11-14

## Writing for the Community

Calling all community-minded authors: Come combine creating connections to your community while improving your writing skills. In this camp, you will write letters to different groups of disenfranchised people that could use a pick-me-up such as veterans and/or the elderly while working on different writing skills. Research skills will also be improved by discovering which groups of people in the community need support. This will be educational, heartwarming, and practical! **MCPS has approved this camp session for 10 Student Service Learning (SSL) hours.** Instructor: MC Faculty Member Jessica Hall

**Course: YTH541**

**15 Hours**

\$159 + \$30 fee = \$189; NMR add \$25

### Rockville Campus

CID#: 14940      5 Sessions      M T W R F  
7/29-8/2      1-4 p.m.      Ages 11-14

## Writing for the SAT & ACT

Prepare for the writing section of the SAT and ACT. Analyze typical essay prompts and sample responses. Learn to support your opinions by using your own experiences and readings to accomplish the task of writing to a persuasive prompt. Using logical thinking, enhance your awareness of the structure of your arguments and avoid fallacies in reasoning. Practice writing the parts of an essay, composing entire essays, and revising and evaluating your own writing and that of your peers. Engage in group games and activities to heighten your knowledge and skill set of grammar and test taking skills. Increase your ability to write in timed situations. Add rhetorical strategies to your repertoire of writing skills and improve your understanding of Standard English usage through instruction, individual and group practice. Enhance your skill set for the multiple choice questions on both tests. In small groups break apart all types of multiple choice questions to arrive at effective methods for answering multiple choice questions. Practice skills learned and take practice tests to heighten your comfort with the testing situation. Instructor: Jennifer Bauer

**Course: YTH106**

**30 Hours**

\$328 + \$50 fee = \$378; NMR add \$25

### Rockville Campus

CID#: 14906      10 Sessions      M T W R F  
7/8-7/19      9 a.m.-12 p.m.      Ages 13-17

## SAT and ACT Prep at MC

### Can't make it to our Summer SAT camp?

Then check out more of our test prep classes that are offered through-out the year.

- Online Zoom and in-person options
- Boost test-taking confidence.
- Practice with real tests.
- Small classes.
- Ease test stress.
- Great prices

For more details, please visit:

[www.montgomerycollege.edu/wdce/satprep.html](http://www.montgomerycollege.edu/wdce/satprep.html) or call 240-567-5188.

## YouTube® Content Creators

Find your voice and leave your mark on the world! Whether you are six or sixteen, it's time to start a career as the next YouTube star. Explore the variety of content and personalities that exist on YouTube and how to find your own niche. Learn the Dos and Don'ts of the platform and how to practice good digital citizenship. Develop your on-camera presence, your own channel branding, and professional editing skills. Take home a plan for launching your own channel with the content created in class! Student projects will be available on a password protected Black Rocket website to share with friends and family. Students will work in pairs or teams for in-room programs in a COVID safe way. Online classes provide a more independent experience, but with an emphasis on peer to peer feedback to enhance the creative process. For online programs only, the tech specs found here <https://blackrocket.com/online-tech-specs>. A webcam is required for this course and it is compatible with MAC and Windows OS only. In partnership with Black Rocket Productions

**Course: YTH209**

**15 Hours**

\$155 + \$50 fee = \$205; NMR add \$25

### Rockville Campus

CID#: 15101      5 Sessions      M T W R F  
6/24-6/28      9 a.m.-12 p.m.      Ages 11-14

CID#: 15102      5 Sessions      M T W R F  
6/24-6/28      1-4 p.m.      Ages 8-11

**Course: YTH436**

**12.5 Hours**

\$145 + \$40 = \$185; NMR add \$25

### Online

CID#: 15214      5 Sessions      M T W R F  
7/29-8/2      9:30 a.m.-12 p.m.      Ages 8-11

CID#: 15215      5 Sessions      M T W R F  
7/29-8/2      1-3:30 p.m.      Ages 11-14

## YouTube® FX Shorts NEW

Are you ready to have your creations go viral? Take your content creation skills to the next level through editing and visual effects! Learn end-to-end post-production skills while creating visual shorts worthy of your favorite social media site. The skills learned in this class can be applied to all types of video production, long or short! Topics cover video editing basics like energetic transitions, color grading for that visual pop, and creating advanced VFX composites. Your projects will be available on a password-protected Black Rocket website to share with friends and family. You will work in pairs or teams for most of the program. In partnership with Black Rocket Productions.

**Course: YTH615**

**15 Hours**

\$155 + \$50 fee = \$205; NMR add \$25

### Rockville Campus

CID#: 15059      5 Sessions      M T W R F  
8/5-8/9      9 a.m.-12 p.m.      Ages 8-11

CID#: 15060      5 Sessions      M T W R F  
8/5-8/9      1-4 p.m.      Ages 11-14

# Meet Our Amazing Partners!



**Abrakadoodle**, one of the most well-established art education companies of its kind, inspires kids to reach beyond and create art that is unique to them. Offering extensive art classes for children of all ages, the goal is to help students develop their technical skills, gain an appreciation of artistic expression, build confidence, individually and as a part of a group, and experience other academic subject matter from an artistic perspective using the full range of visual arts media. All lessons are scaled to the age level designated in each camp, and are progressively more challenging and nuanced in the concepts and techniques presented to reflect students' abilities.

Stephanie Burke E.Ds.—Abrakadoodle of Greater Silver Spring, MsSTB1Creations (Takoma Park/Silver Spring) and Nancy Delasos—Abrakadoodle of Montgomery County, Crisscross Applesauce (Germantown and Rockville)



The magic in you will come to life as never before when you are empowered to be as creative as you were born to be. The magic in every student comes to life as never before when they are empowered to be as creative as they were all born to be!

**Black Rocket** has twenty years of experience designing courses in the S.T.E.A.M fields. Every program is powered by the child's innate imagination and designed to bring their ideas to life in a fun, hands-on learning environment. All Black Rocket programs mirror real life experiences and the collaborative nature of the design process. Students will work in pairs or teams for in-room programs in a COVID safe way. Online classes provide a more independent experience, but with an emphasis on peer-to-peer feedback to enhance the creative process.



Returning for its' 10th Year! **Be Amazed, Be Amused, and Be Excited** to see what life is like under the Big Top!

Michael Rosman, a graduate of Ringling Brothers & Barnum and Bailey Circus Clown College and veteran of many circus performances in both traditional American and Cirque style shows. Michael and his coaches have more than 20 years of experience teaching circus skills. Students will learn juggling, stilt walking, tight wire, and lots of other great skills. Sneakers and comfortable clothing required.



**Goldsmith Education LLC** provides technology education to elementary through high school students in interesting, fun and exciting ways. Students learn science, mathematics and engineering concepts in a thought provoking, safe and varied educational environment with exposure to a multitude of age-appropriate learning tools, programming (coding) languages and specially designed physical kits. Our program starts by giving students base knowledge in technology starting with the very basic machines to compound builds growing toward opened ended building and programming opportunities. Our idea of technology education is that students need to be grounded in physical construction in order to truly understand how to create a program to manipulate the world around them.

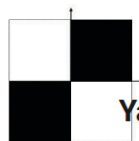


With 22 years of experience offering group classes, camps and private lessons throughout the DC metro area, **Learn Now Music (LNM)** is the area's leading music education programmer! LNM provides students everything they need from professional instruction, instrument rentals, music and more! Contact us today for more info! [www.LearnNowMusic.com](http://www.LearnNowMusic.com) 800-399-6414 [CustomerService@learnnowmusic.com](mailto:CustomerService@learnnowmusic.com) <https://www.youtube.com/watch?v=uOe2AIMRJ-g>



Milner Educational Consulting  
Vision Knowledge Integrity

**Don Milner** returns with his very popular classes full of helpful hints and strategies to be a success in middle school and/or high school. Don Milner is a 24-year veteran Teacher with extensive leadership experience as a Team Leader, Content Specialist, and Consulting Teacher. He has helped hundreds of students learn how to succeed in the Study Skills 101 and Summer S.L.A.M. Each class includes an optional parent's session for free. Summer S.L.A.M. Participants can earn 10 Student Service-Learning Hours and will participate in two College Tours. His program has been awarded the Nancy Dworkin Award for Outstanding Service to Youth in Montgomery County. [www.milneredconsulting.com](http://www.milneredconsulting.com) [milneredconsulting@gmail.com](mailto:milneredconsulting@gmail.com)



**Yang Academy**

**Yang Academy** staff members have worked with Montgomery College's Youth Program since 2003, teaching math, science, writing, art, and artificial intelligence classes to thousands of students from the United States and around the world. Our summer camp classes offer many fun activities with much learning built in. For more information, please contact us at [ya@yangacademy.org](mailto:ya@yangacademy.org) or 301-208-8821, ext. 7.

# General Registration Information

## Registering Your Student

### Youth Programs registration is online only.

1. <https://montgomerycollege.augusoft.net/>
2. Select your class and "ADD to CART"
3. You will be prompted to "Sign In" or "Create a New Profile."
4. **Returning Students** (from Summer 2021) Sign In. Prompts are available if you forgot the user name or password.
5. **New Students.** View the video for How to Create a New Student Profile.
6. Create a student profile for **EACH** student.
7. Use child's name for the profile
8. Other information (email, phone, and credit card) should be the parent/guardian. We use this information to contact you throughout the process and program.
9. Check Out

## CampDocs (Mandatory)

Montgomery College Youth Programs uses Camp Docs to maintain all the emergency information, health information, and other camp related forms. This is where you will also find permission forms, handbooks and maps of the campus. It is our hope that this will streamline the paperwork required for your child. A few days after registration, you will receive an e-mail from campdocs.com with instructions on how to enter this information into the system. You will only enter this information once per child. **All information is required before your child can attend online or in-person camp.**

## Residency Policy

The following are general guidelines taken from the College policy on residency for tuition purposes. A complete copy of the policy is available in the Montgomery College Catalog.

- Students attending Montgomery College will pay tuition according to their residency.
- To qualify as a resident of the state of Maryland for tuition purposes, legal domicile must have been maintained for a period not less than three months prior to the first regularly scheduled class.
- Non-Maryland residents (NMR) pay Out-of-State Fees. (Non-U.S. Citizens: attach a copy of your passport, visa, or permanent resident card.) Non-Maryland residents and Non-U.S. Citizens without a passport, visa, or permanent resident card must pay a \$25.00 per course out-of-state fee for youth offerings.

## Cancellation Policy

Courses may be cancelled due to under-enrollment at least five (5) business days prior to the start of course or program. Students will be notified of cancellation by e-mail and a refund will be processed for the total cost of course(s). Refunds will take approximately three (3) weeks to be processed.

## Class Change and / Or Refund Policy: Youth Programs Only

### Refund Policy

- Withdrawal from class up to and including 21 days prior to the start of the class—Full Refund.
- Withdrawal from a class less than 21 days prior to the class—No Refund.
- If a class is administratively cancelled, you will receive a full refund.
- In order to receive a full refund, you must submit your request by the following dates:
- There are no refunds for scholarship students who do not attend if they have not notified us at least two (2) weeks in advance of the specific camp for which the scholarship has been awarded.

Class Start Date	Refund Request Due Date
June 24, 2024	By Monday, June 3rd
July 1, 2024	By Monday, June 10th
July 8, 2024	By Monday, June 17th
July 15, 2024	By Monday, June 24th
July 22, 2024	By Monday, July 1st
July 29, 2024	By Monday, July 8th
August 5, 2024	By Monday, July 15th
August 12, 2024	By Monday, July 22nd
August 19, 2024	By Monday, July 29th

## Class Change Policy

Please contact the YouthProgramsDirector@montgomerycollege.edu with details of your request. Youth Programs must have the request in writing.

If a change in registration is approved

1. **Customer Service will drop you from the first class and process a refund for this class.**  
The refund should appear on your credit card statement in 2-5 business days.
2. **Customer Service will register you for the alternate class and email you a payment request.**

Please login to your child's account and submit the payment within 48 hours. To submit the payment, please go to My Transaction then click on Pay Now and make a payment with your credit card.



## Communication

Youth Programs uses the e-mail address that you entered when registering to communicate with the families of registered students about specific program information. Please be sure your e-mail address is current and that you check it regularly. Until you know that you can receive our e-mail notifications, also check your SPAM folder. Parents without an e-mail address will receive information by phone and/or mail.

## Disability Support Services

Montgomery College Youth Programs is committed to providing accessible education and a supportive learning environment for all students. To help us meet this goal, the college offers support through the Disability Support Services Office. Parents submit pertinent information via [campdocs.com](http://campdocs.com). After completing the appropriate information on [campdocs.com](http://campdocs.com), parents are to contact counselor Natalie Martinez at [Natalie.martinez@montgomerycollege.edu](mailto:Natalie.martinez@montgomerycollege.edu) or 240-567-4118 at least two weeks before the start of the program to arrange for reasonable accommodations. MC does not provide medical assistants or care attendants. Campers must exhibit independence and ability for self care. Parents are not permitted to attend camp with their child.

## Health Service

Montgomery College instructors and staff cannot administer any medication, prescription or non-prescription (over-the-counter), to students. If a student needs to take medication during the program, you need to have the **Medication Administration Authorization Form** completed by your child's physician. A separate form must be completed for each medication, prescription, or over-the-counter drug. **Prescription medications** must be in the original containers bearing a pharmacy label that shows the (a) Prescription number, (b) Date filled, (c) Authorized prescriber's name, (d) Name of the medication, (e) Directions for use, and (f) Patient's name. **Non-prescription medications** must be in the original containers and include the directions for use. **All medications**, except emergency medications like Epi-pens or inhalers, must be collected by the program staff, kept in a secured, locked storage compartment, and stored under the conditions specified by the manufacturer of the medication. Students may **only** carry emergency medications, like Epi-pens and inhalers, while attending their classes. A student who is self-administering medication will be supervised by a staff member who will ensure the directions provided are followed. The staff member will also be informed of the side and/or toxic effects of the medication. The Youth Programs' Registered Nurse will contact the parents of any student with allergies or health issues to discuss concerns and develop an action plan for faculty and staff use

## Transportation

Students and their parents or guardians are responsible for all transportation arrangement to and from campus. Public transportation is available. Call Montgomery County Transit Information at 301-217- RIDE.

## Drop-off and Pick-up Procedures

Unless alternate arrangements have been made in advance with the Youth Programs Office, drop-off and pick-up your student at the assigned classroom. Students should be dropped off at their assigned classroom no earlier than 15 minutes before the start time. **Students must be signed in and out of class by an adult unless prior arrangements are made in advance with the Youth Programs Office. Your request will be reviewed and you will be advised how to proceed\*.**

*\* Parents/guardians can authorize students entering 6th grade or older to sign themselves in and out. Parents/Guardians must do this in [campdocs](http://campdocs.com).*

**Late Pick-Up Policy:** Because of the large, public, open environments of our program sites, and our concern for student safety, we require that parents accompany students to the classroom or designated area when dropping off the student. Parents/guardians are asked to sign the student out in person at the end of the camp day, and will be asked prior to the start of camp to identify those persons who have approval to pick up the student from the program. **In order to avoid late charges, please arrive to pick up your student at least 10 minutes prior to the end of their day.**

Parents should arrange to pick up their student promptly at the end of their class. There is no supervision before 8:45 a.m. or after a student's day ends unless he/she is registered in the Before and/or After Care program. It is our policy to keep a record of late pick-ups for each student for the week. Each family will be charged a late pick-up fee of \$25 for every 15 minutes or part thereof. Repeated late pick-ups may jeopardize the student's enrollment in the program. All parents or authorized persons will sign a late pick-up slip at the time of pick-up. The college's clock will be used to determine the time. Payment is due within two days of the late pick-up and can be paid at a customer service or cashier office. The student will not be allowed to continue in the program if proof of payment of the late charge(s) is not presented by the second day of the late charge assessment. In the event that the student does not return, the parent will be billed for any late fees not paid. Please note that the late fee is assessed for each student picked up late.

## Supervised Lunch

Students should bring a lunch, drink or water bottle, and/or snacks. For most programs the lunch session runs from 12–1 p.m. Students attending either full-day programs or both morning and afternoon half-day programs will receive supervision during lunch at no additional cost. Students are escorted from their morning classroom to lunch, supervised during lunch, and then escorted to their afternoon class. Students attending only half-day programs are **not** eligible for lunch supervision. **NOTE: There is no lunch supervision for students in only a one half-day camp.** The College cafeteria is

typically available and vending machines are located in various campus buildings. **The College cannot provide an environment free of foods containing nuts.**

## Behavior

All students, regardless of disability/challenge (e.g. physical, learning, psychological, emotional, behavioral, etc.) or medical condition, must abide by the rules and regulations of the Montgomery College Code of Conduct (see terms and conditions), including exhibiting classroom behavior that allows for a student environment free from harassment, discrimination, and disruption. We understand that some students require additional assistance to meet that standard, and we will determine if reasonable accommodations can be provided that will allow for the successful delivery of instruction to all students in the class. (Check the appropriate question on the registration form and you will be contacted in advance of the class/program or contact us directly.)

Behavior contrary to the College's Code of Conduct cannot

be tolerated and may result in expulsion. There is no refund granted as a result of expulsion. In accordance with Title IX of the Education Amendments, Montgomery College prohibits sex discrimination, including sexual misconduct. When made aware of possible discrimination, the College will take prompt action to end the sexual misconduct, prevent its recurrence, and remedy its effects. To report Sexual Misconduct concerns contact: Kristen Roe, Director of ADA & Title IX Compliance, Office of Compliance, Risk, and Ethics at Montgomery College, 240-567-4279.

**The College and its staff are not responsible for lost or misplaced smart phones, tablets, laptops, and/or any other electronic devices owned by student.**

## Maps

### Montgomery College Rockville Campus

51 Mannakee Street  
Rockville, MD 20850  
240-567-5000

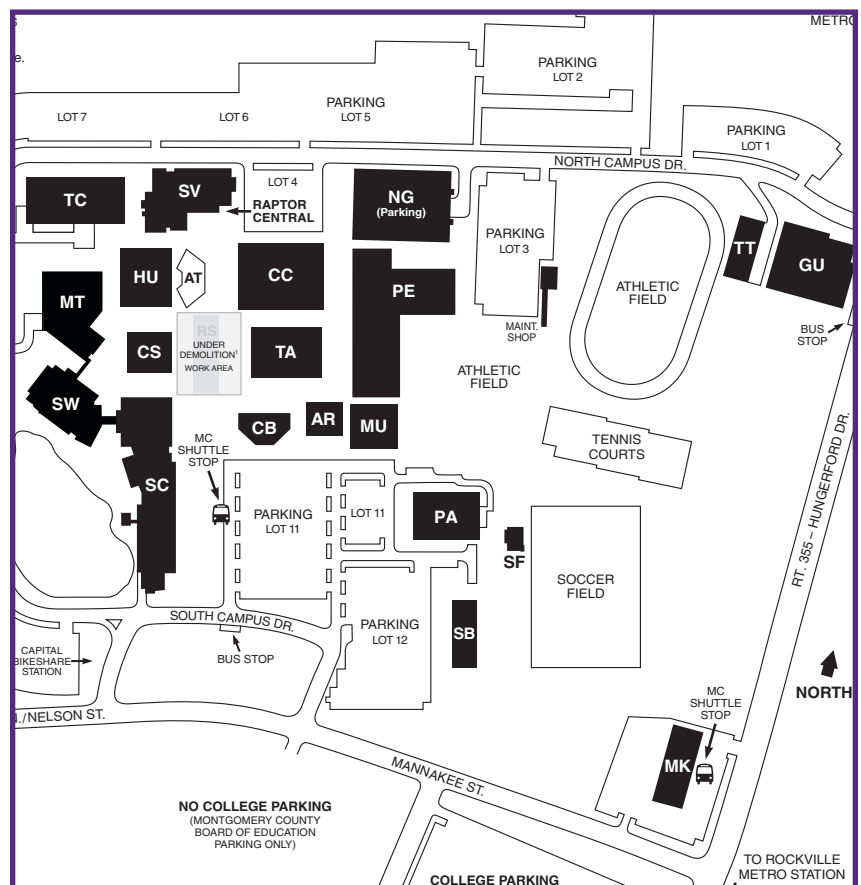
#### Directions

Take I-270 to Route 28 West (Montgomery Avenue/Rockville). Turn left onto Nelson Street go to first traffic light and turn left onto Mannakee Street. The campus is 1 and a 1/2 blocks on the left.

Campus is also accessible from the Shady Grove Metro station via the Ride-On bus.

#### Rockville Legend of Buildings

- AR Paul Peck Art Building
- AT Amphitheatre
- CB Counseling and Advising Building
- CC Campus CanteCafeteria,
- CS Computer Science Building
- GU Homer S. Gudelsky Institute for Technical Education
- HU Humanities Building
- MK Mannakee Building
- MT Gordon and Marilyn Macklin Tower
- MU Music Building
- NG North Garage Parking
- PA Robert E. Parilla Performing Arts Center
- SB South Campus
- SC Science Center
- SV Student Services Center, Disability Support Services, Public Safety Office
- SW Science Center West
- TA Theatre Arts Building
- TC Technical Center
- TT Interim Technical Training Center



## Montgomery College Germantown Campus

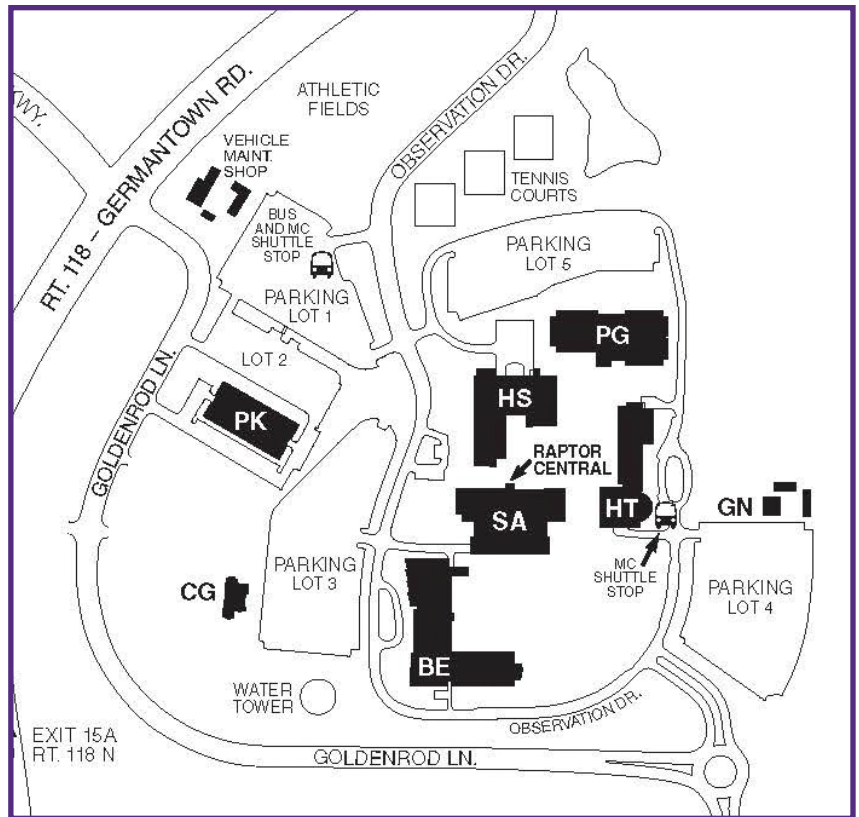
20200 Observation Drive  
Germantown, MD 20876  
240-567-7700

### Directions

Take I-270 to exit 15A (Route 118) North to Route 355. Continue about one mile to the first traffic light at Observation Drive, turn right. Follow the campus driveway to the student parking lots. Campus is also accessible from the Shady Grove Metro station via the Ride-On bus.

### Germantown Legend of Buildings

- BE Bioscience Education Center
- CG Child Care Center for Early Education (CEE)
- GN Greenhouse
- HS Humanities and Social Sciences Building Cafeteria
- HT High Technology and Science Center Globe Hall
- PG Physical Education Building
- PK Paul Peck Academic and Innovation Building
- SA Student Affairs and Science Building Support Services, Public Safety Office



## Montgomery College Takoma Park/Silver Spring Campus

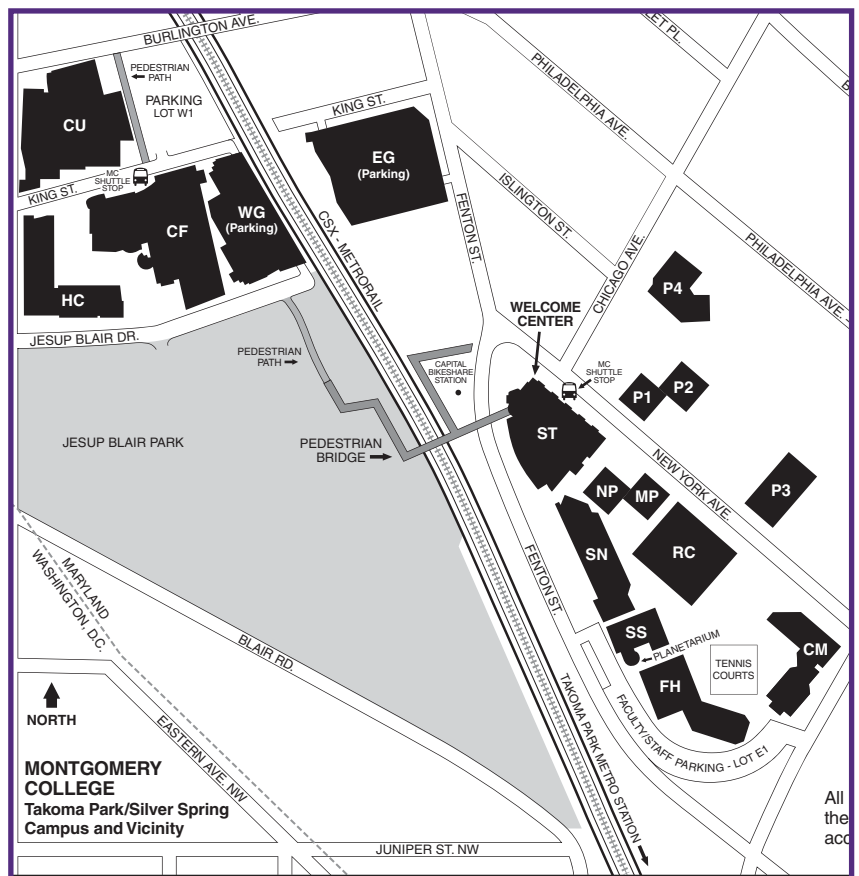
7600 Takoma Avenue  
Takoma Park, MD 20912  
240-567-1300

### Directions

Take I-495 East or West to Exit 31B, Georgia Avenue South (Route 97). Continue south on Georgia Avenue past the Colesville Road (Route 29) intersection. Following the signs for Montgomery College, turn left onto Sligo Avenue. Follow Sligo Avenue to Fenton Street to the traffic light; turn right. Continue on Fenton Street to the traffic light at Philadelphia Avenue (Route 410); turn left. The campus is on the right. The campus is also accessible from the Silver Spring and Takoma Park Metro Stations, local Ride-On buses, and the Metrobus.

### Takoma Park/Silver Spring Legend of Buildings

- CF Cafritz Foundation Arts Center
- CM Catherine F. Scott Commons
- CU Cultural Arts Center
- EG East Garage Parking
- HC Health Sciences Center
- LB Math and Science Building 1 (under construction)
- MP Mathematics Pavilion
- NP North Pavilion
- P1 Pavilion One
- P2 Pavilion Two
- P3 Pavilion Three
- P4 Pavilion Four
- RC Resource Center Library
- SN Science North Building
- ST Student Services Center Cafeteria, Public Safety Office
- WG West Garage Parking



## Summer Youth Programs Course Schedule 2024

### Youth Programs

[www.montgomerycollege.edu/youth](http://www.montgomerycollege.edu/youth)

email: [youthprogramsdirector@montgomerycollege.edu](mailto:youthprogramsdirector@montgomerycollege.edu)

Phone: 240-567-7264 or 240-567-7917

# Summer 2024 Youth Programs for Grades K-12







**MONTGOMERY  
COLLEGE**

# JUST ADDED!

## Yang Academy

### Algebra II

For students who will take algebra 2, honors algebra 2, or AAF in the upcoming school year. Topics include the concept of a function, coordinates in a plane, straight lines, circles, parabolas, and application problems.

Skills involving fractions and factoring are reinforced.

**Course: YOU883 15 Hours**

\$225 + \$30 fee = \$255; NMR add \$25

#### Rockville Campus

CID#:15929	5 sessions	M T W R F
7/8-7/12	1 p.m.-4 p.m.	Ages 13-15
CID#:15930	5 sessions	M T W R F
7/15-7/19	1 p.m.-4 p.m.	Ages 13-15
CID#:15931	5 sessions	M T W R F
7/22-7/26	1 p.m.-4 p.m.	Ages 13-15
CID#:15932	5 sessions	M T W R F
7/29-8/2	1 p.m.-4 p.m.	Ages 13-15
CID#:15933	5 sessions	M T W R F
8/5-8/9	1 p.m.-4 p.m.	Ages 13-15
CID#:15934	5 sessions	M T W R F
8/12-8/16	1 p.m.-4 p.m.	Ages 13-15

### Chemistry

For students who will take chemistry or honors chemistry in the upcoming school year. Topics covered include unit analysis, atomic structure, periodic table of elements, chemical reactions and equations, molar relationships, and stoichiometry.

**Course: YOU898 15 Hours**

\$225 + \$30 fee = \$255; NMR add \$25

#### Rockville Campus

CID#:15937	5 sessions	M T W R F
7/15-7/19	1 p.m.-4 p.m.	Ages 14-17

### Physics

For students who will take physics, honors physics, or AP physics 1 in the upcoming school year. Topics covered include kinematics in one or two dimensions, motion and force, Newton's Laws of Motion, circulation motion, work and energy, and linear momentum.

**Course: YOU899 15 Hours**

\$225 + \$30 fee = \$255; NMR add \$25

#### Rockville Campus

CID#:15938	5 sessions	M T W R F
7/8-7/12	1 p.m.-4 p.m.	Ages 14-17

### Pre-Calculus

For students who will take pre-calculus, honors pre-calculus, IB Math classes in the upcoming school year. Topics covered include review of background information from geometry and algebra for trigonometry, radian measure for angles, trigonometric functions, special trigonometric values for sine, cosine, and tangent, graphs of trigonometric functions, and their applications.

**Course: YOU887 15 Hours**

\$225 + \$30 fee = \$255; NMR add \$25

#### Rockville Campus

CID#:15935	5 sessions	M T W R F
8/5-8/9	1 p.m.-4 p.m.	Ages 14-16
CID#:15936	5 sessions	M T W R F
8/12-8/16	1 p.m.-4 p.m.	Ages 14-16

Questions? Contact

[YouthProgramsDirector@montgomerycollege.edu](mailto:YouthProgramsDirector@montgomerycollege.edu) or

Customer Service at 240-567-5188.

Preguntas? Contacta a Majo Murguia,

[Majose.Murguia@montgomerycollege.edu](mailto:Majose.Murguia@montgomerycollege.edu), 240-567-

7917



# JUST ADDED!

**MONTGOMERY  
COLLEGE**

**MC Athletics**

### Summer Girls Basketball

Calling all girl basketball players! Come join us for a week of basketball camp where you will learn good sportsmanship, develop leadership skills, build character and develop your basketball skills. Instructed by Montgomery College’s Women’s Basketball Coach and student-athletes, you will get individual attention, emphasizing the fundamentals of basketball while having a ton of fun! You will begin each day with warm-ups, stretching, and fundamental station work. You will be taught shooting, passing, dribbling, and defense techniques. We guarantee they will have fun while being taught the fundamentals of basketball.

Instructors: Tarlouh Gasque, Montgomery College Women’s Head Basketball Coach and student athletes.

**Course: YTH646 15 Hours**

\$219 + \$30 = \$249; NMR add \$25

#### Rockville Campus

CID#:15940 5 sessions M T W R F  
7/15-7/19 9 a.m.-12 p.m. Ages 8-13

### Summer Boys Soccer

Are you ready to improve your soccer skills while learning from a college head coach and practicing on a state-of-the-art pitch? If yes, then come join Montgomery College’s Head Men’s Soccer Coach, Pedro Braz and his coaching staff. During this fun, five-day camp, you will learn basic individual soccer skills, such as shooting, passing, trapping and defending. You will increase your tactical and strategic concepts with team play. All players will have the opportunity to improve their skills so that they can play at a higher level. Students will be grouped by age and/or skill level.

Instructors: Pedro Braz, Montgomery College’s Men’s Soccer Head Coach and Assistant Athletic Director, and MC coaching staff.

**Course: YTH647 15 Hours**

\$219 + \$30 = \$249; NMR add \$25

#### Rockville Campus

CID#:15941 5 sessions M T W R F  
7/8-7/12 9 a.m.-12 p.m. Ages 8-17  
CID#:15942 5 sessions M T W R F  
7/15-7/19 9 a.m.-12 p.m. Ages 8-17

### Summer Girls Volleyball - Advanced

Discover the ultimate summer camp experience in this advanced volleyball camp! Elevate your skills and passion for the game in a fun and enriching environment. This specialized camp focuses on refining footwork and enhancing hand contact techniques, ensuring that you receive top-notch coaching from Montgomery College’s Head Volleyball Coach, Patti Westenberg. This girls’ advanced volleyball camp is designed to provide a comprehensive and enjoyable learning experience, blending skill and team building development. Come have the opportunity to thrive in a supportive community that fosters athletic growth and teamwork. Prepare success on the volleyball court, where every serve and spike is a step towards excellence. Join us for a week filled with skill-building, camaraderie, and the excitement of the game – a camp tailored to inspire and empower your volleyball journey! You should have competitive and high school experience and seek to play to a higher level. Beginner and basic skills are not covered. Instructor: Patti Westenberg, Montgomery College Head Volleyball Coach

**Course: YTH648 15 Hours**

\$219 + \$30 = \$249; NMR add \$25

#### Rockville Campus

CID#: 15944 5 sessions M T W R F  
7/29-8/2 9 a.m.-12 p.m. Ages 15-17

Questions? Contact

[YouthProgramsDirector@montgomerycollege.edu](mailto:YouthProgramsDirector@montgomerycollege.edu) or

Customer Service at 240-567-5188.

Preguntas? Contacta a Majo Murguia,

[Majose.Murguia@montgomerycollege.edu](mailto:Majose.Murguia@montgomerycollege.edu), 240-567-

7917