

# MONTGOMERY COLLEGE SUMMER YOUTH PROGRAMS

Workforce Development and Continuing Education | Summer 2023



High Quality Summer Camps for Grades 1–12

Registration is Open

## Summer 2023

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



## Welcome to another great summer!

Dear Families,

Welcome to Montgomery College Youth Programs Summer 2023! We are excited to be back in-person on our three main campuses, while still offering online options.

We have expanded 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.

When looking through the many offerings, you may be asking "where are the cooking camps!?" Unfortunately, we are not able to offer cooking camps during Summer 2023 due to roof repairs on the Campus Center building. In fact, the entire building will be closed during the summer. We know this is a big disappointment, and we share in this sentiment. At the same time, our number one goal is to keep children safe. There simply is not an alternate space on any of the campuses that we can use safely for these camps.

For the good news: MC Youth Programs now has 14 camps approved for SSL hours. We work with MCPS to develop camps that are fun while serving the community.

Please do not hesitate to contact Sharon Wolfgang, Program Coordinator, Karla Espinoza Evans, Program Assistant, 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>.

**Sharon Wolfgang, Program Coordinator**  
**240-567-7264**

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*Asistencia en Español Disponible.*

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

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## School Year Youth Programs at Montgomery College!

Providing high-quality programs  
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).**

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## 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.

- Childcare 101
- Controversial Conversations: They Psychology of Conversation
- Forward-Thinking Interior Design
- Health Care Heroes: Healing Hands, Caring Hearts, Endless Possibilities
- Intro to Innovation
- Leveling Up
- 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
- Who Did it Better? The Book or the Movie
- 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.

## FREE 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 supervision for students who do not attend camps all day. **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 39.**

## How to Read a Course Description

Courses marked with GT are for Gifted and Talented students and require additional signatures for enrollment; see General Information on page 5 for more details regarding GT courses.

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

### Reading for the SAT/ACT

#### Course Description

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 Number

Course: YOU729

#### Course Hours

15 Hours

#### Tuition and Fees

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

#### Campus

#### Rockville Campus

CRN #	# of Sessions	Days of Week
CRN#: 10416	5 Sessions	M T W R F
Dates	Times	Ages
7/17-7/21	9 a.m.-12 p.m.	Ages 13-17

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

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

**GT** = Gifted and Talented

**SSL** = Student Service Learning Hours

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

**Note:** We apologize that we cannot offer Marriott camps this year. The Campus Center will be going under HVAC and roof renovation this summer.

Title	Start	End	Ages	Days	Time	Page
<b>Week of June 26th</b>						
<b>ROCKVILLE CAMPUS</b>						
Before Care for Summer Youth Programs	6/26	6/30	6-13	M-F	7-9 a.m.	39
After Care for Summer Youth Programs	6/26	6/30	6-13	M-F	3-6 p.m.	39
Music Camp	6/26	6/30	5-12	M-F	1-4 p.m.	16
Rockets and Robotics	6/26	6/30	6-10	M-F	1-4 p.m.	34
All About Technology	6/26	6/30	6-10	M-F	9 a.m.-12 p.m.	32
Under the Sea Art Camp	6/26	6/30	6-10	M-F	9 a.m.-12 p.m.	25
Cloud Gamers: Mobile App Development	6/26	6/30	8-10	M-F	1-4 p.m.	27
Creative Writing Workshop	6/26	6/30	8-10	M-F	1-4 p.m.	37
Battle Royale Gamers: Wizards & Wands	6/26	6/30	8-10	M-F	9 a.m.-12 p.m.	27
It's a Museum City	6/26	6/30	8-12	M-F	9 a.m.-4 p.m.	15
Pre-Algebra	6/26	6/30	9-12	M-F	9 a.m.-12 p.m.	38
Algebra I	6/26	6/30	11-13	M-F	9 a.m.-12 p.m.	36
Drama and Theater Arts	6/26	6/30	11-13	M-F	9 a.m.-12 p.m.	38
Controversial Discussions: The Psychology of Conversation <b>SSL</b>	6/26	6/30	11-14	M-F	1-4 p.m.	12
The Social Innovators Camp <b>SSL</b>	6/26	6/30	11-14	M-F	1-4 p.m.	18
Anime	6/26	6/30	11-14	M-F	1-4 p.m.	20
Battle Royale Gamers: Wizards & Wands	6/26	6/30	11-14	M-F	1-4 p.m.	27
Study Skills 101	6/26	6/30	11-14	M-F	5-7 p.m.	34
Intro to Innovation Camp <b>SSL</b>	6/26	6/30	11-14	M-F	9 a.m.-12 p.m.	15
Leveling Up to Lead <b>SSL</b>	6/26	6/30	11-14	M-F	9 a.m.-12 p.m.	15
Cloud Gamers: Mobile App Development	6/26	6/30	11-14	M-F	9 a.m.-12 p.m.	27
Traveling History: The Supreme Court of the United States <b>SSL</b>	6/26	6/30	11-14	M-F	8:30 a.m.-4 p.m.	35
PYTHON: A Practical Introduction to Programming <b>GT</b>	6/26	7/7	11-16	M-F	1-4 p.m.	17
Forward-Thinking Interior Design <b>SSL</b>	6/26	6/30	11-18	M-F	9 a.m.-4 p.m.	14
Geometry	6/26	6/30	12-14	M-F	1-4 p.m.	38
Algebra II	6/26	6/30	13-15	M-F	1-4 p.m.	36
Chemistry	6/26	6/30	14-17	M-F	1-4 p.m.	37
<b>ONLINE</b>						
Drawsters—I Like to Move It!	6/26	6/30	6-12	M-F	9:30-11:30 a.m.	22
Cloud Gamers: Mobile App Development	6/26	6/30	8-11	M-F	1-3:30 p.m.	27
Beats and Jams: Digital Music Creators	6/26	6/30	8-11	M-F	4:30-7 p.m.	27
Beats and Jams: Digital Music Creators	6/26	6/30	11-14	M-F	1-3:30 p.m.	27
Cloud Gamers: Mobile App Development	6/26	6/30	11-14	M-F	4:30-7 p.m.	27
Title	Start	End	Ages	Days	Time	Page
<b>Week of July 3rd No class Tuesday, July 4</b>						
<b>GERMANTOWN CAMPUS</b>						
Before Care for Summer Youth Programs	7/3	7/7	6-13	M, W, R, F	7-9 a.m.	39
After Care for Summer Youth Programs	7/3	7/7	6-13	M, W, R, F	3-6 p.m.	39
ArtBlast! STEaM Camp	7/3	7/7	6-10	M, W, R, F	9 a.m.-12 p.m.	20
Studio 1 Art Camp	7/3	7/7	11-14	M, W, R, F	1-4 p.m.	25
Electronic City	7/3	7/7	11-14	M, W, R, F	9 a.m.-3 p.m.	13
<b>ROCKVILLE CAMPUS</b>						
Before Care for Summer Youth Programs	7/3	7/7	6-13	M, W, R, F	7-9 a.m.	39
After Care for Summer Youth Programs	7/3	7/7	6-13	M, W, R, F	3-6 p.m.	39
Art Rocks! Camp	7/3	7/7	6-10	M, W, R, F	9 a.m.-12 p.m.	20
Python Programmers	7/3	7/7	8-10	M, W, R, F	1-4 p.m.	30
Minecraft® Redstone Engineers	7/3	7/7	8-10	M, W, R, F	9 a.m.-12 p.m.	30

Mad About Movies Art Camp	7/3	7/7	11-14	M, W, R, F	1-4 p.m.	23
Minecraft® Redstone Engineers	7/3	7/7	11-14	M, W, R, F	1-4 p.m.	30
It's Up for Debate <b>GT</b>	7/3	7/14	11-14	M, W, R, F	9 a.m.-12 p.m.	15
Python Programmers	7/3	7/7	11-14	M, W, R, F	9 a.m.-12 p.m.	30
Forward-Thinking Interior Design <b>SSL</b>	7/3	7/7	11-18	M, W, R, F	9 a.m.-4 p.m.	14
Writing for the SAT and ACT	7/3	7/14	13-17	M, W, R, F	9 a.m.-12 p.m.	19
<b>TAKOMA PARK/SILVER SPRING CAMPUS</b>						
Before Care for Summer Youth Programs	7/3	7/7	6-13	M, W, R, F	7-9 a.m.	39
After Care for Summer Youth Programs	7/3	7/7	6-13	M, W, R, F	4-6 p.m.	39
Art Splash Paint Camp	7/3	7/7	6-10	M, W, R, F	9 a.m.-12 p.m.	20
Creative Inspiration	7/3	7/7	11-14	M, W, R, F	9 a.m.-12 p.m.	21
STEAM Dreams!	7/3	7/7	11-14	M, W, R, F	1-4 p.m.	25
<b>ONLINE</b>						
Drawsters—Cartoon Creations	7/3	7/7	6-12	M, W, R, F	9:30-11:30 a.m.	22
YouTube® Content Creators	7/3	7/7	8-11	M, W, R, F	1-3:30 p.m.	31
ROBLOX® Makers	7/3	7/7	8/11	M, W, R, F	4:30-7 p.m.	31
ROBLOX® Makers	7/3	7/7	11-14	M, W, R, F	1-3:30 p.m.	31
YouTube® Content Creators	7/3	7/7	11-14	M, W, R, F	4:30-7 p.m.	31
Drawsters—Cartoon Creations	7/3	7/7	13-18	M, W, R, F	1-3	22
Title	Start	End	Ages	Days	Time	Page
<b>Week of July 10th</b>						
<b>GERMANTOWN CAMPUS</b>						
Before Care for Summer Youth Programs	7/10	7/14	6-13	M-F	7-9 a.m.	39
After Care for Summer Youth Programs	7/10	7/14	6-13	M-F	3-6 p.m.	39
Music Camp	7/10	7/14	5-12	M-F	9 a.m.-12 p.m.	16
Mad About Movies Art Camp	7/10	7/14	6-10	M-F	9 a.m.-12 p.m.	23
ROBLOX® Coders & Entrepreneurs!	7/10	7/14	8-11	M-F	9 a.m.-12 p.m.	30
Painting—Amazing American Painters	7/10	7/14	11-14	M-F	1-4 p.m.	24
ROBLOX® Coders & Entrepreneurs!	7/10	7/14	11-14	M-F	1-4 p.m.	30
The Social Innovators Camp <b>SSL</b>	7/10	7/14	11-14	M-F	9 a.m.-12 p.m.	18
Build Your Own Autonomous Robot	7/10	7/14	11-14	M-F	9 a.m.-12 p.m.	12
Title	Start	End	Ages	Days	Time	Page
<b>ROCKVILLE CAMPUS</b>						
Before Care for Summer Youth Programs	7/10	7/14	6-13	M-F	7-9 a.m.	39
After Care for Summer Youth Programs	7/10	7/14	6-13	M-F	3-6 p.m.	39
Space Art Adventure STEAM Camp	7/10	7/14	6-10	M-F	1-4 p.m.	25
Elementary LEGO Coding and Robots	7/10	7/14	6-10	M-F	9 a.m.-12 p.m.	33
Minecraft Modders	7/10	7/14	8-10	M-F	1-4 p.m.	29
Advanced Robotics	7/10	7/14	8-10	M-F	9 a.m.-12 p.m.	27
Digital Arts	7/10	7/14	8-10	M-F	9 a.m.-12 p.m.	37
Drama and Theater Arts	7/10	7/14	8-10	M-F	9 a.m.-12 p.m.	38
Pre-Algebra	7/10	7/14	9-12	M-F	9 a.m.-12 p.m.	38
LEGO® Coding and Robots	7/10	7/14	9-14	M-F	1-4 p.m.	33
Creative Writing Workshop	7/10	7/14	11-13	M-F	1-4 p.m.	37
Algebra I	7/10	7/14	11-13	M-F	9 a.m.-12 p.m.	36
Intro to Innovation Camp <b>SSL</b>	7/10	7/14	11-14	M-F	1-4 p.m.	15
Advanced Robotics	7/10	7/14	11-14	M-F	1-4 p.m.	27
Minecraft Modders	7/10	7/14	11-14	M-F	9 a.m.-12 p.m.	29
Powerful Women Artists	7/10	7/14	11-14	M-F	9 a.m.-12 p.m.	24
Traveling History: The American Presidents <b>SSL</b>	7/10	7/14	11-14	M-F	8:30-4 p.m.	35

Geometry	7/10	7/14	12-14	M-F	1-4 p.m.	38
Algebra II	7/10	7/14	13-15	M-F	1-4 p.m.	36
Physics	7/10	7/14	14-17	M-F	1-4 p.m.	38
<b>TAKOMA PARK/SILVER SPRING CAMPUS</b>						
Before Care for Summer Youth Programs	7/10	7/14	6-13	M-F	7-9 a.m.	39
After Care for Summer Youth Programs	7/10	7/14	6-13	M-F	4-6 p.m.	39
Music Camp	7/10	7/14	5-12	M-F	9 a.m.-12 p.m.	16
Did You Say Clay?	7/10	7/14	6-10	M-F	1-4 p.m.	21
Rockets and Robotics	7/10	7/14	6-10	M-F	1-4 p.m.	34
All About Technology	7/10	7/14	6-10	M-F	9 a.m.-12 p.m.	32
Cyber Spies	7/10	7/14	8-11	M-F	9 a.m.-12 p.m.	28
Financial Tips and Tricks: Get Ready for Adulthood	7/10	7/14	11-13	M-F	9 a.m.-12 p.m.	13
Controversial Discussions: The Psychology of Conversation <a href="#">SSL</a>	7/10	7/14	11-14	M-F	1-4 p.m.	12
Cyber Spies	7/10	7/14	11-14	M-F	1-4 p.m.	28
Musical Theater	7/10	7/14	11-14	M-F	1-4 p.m.	16
Leveling Up to Lead <a href="#">SSL</a>	7/10	7/14	11-14	M-F	9 a.m.-12 p.m.	15
3D or Not?	7/10	7/14	11-14	M-F	9 a.m.-12 p.m.	19
Physical Computing	7/10	7/21	11-16	M-F	1-4 p.m.	16
Creative iPhone Photography	7/10	7/14	13-17	M-F	1-4 p.m.	13
Photoshop-Building an Image	7/10	7/14	13-17	M-F	9 a.m.-12 p.m.	16
Financial Tips and Tricks: Get Ready for Adulthood	7/10	7/14	14-18	M-F	1-4 p.m.	13
Paint and Clay Art	7/10	7/14	15-18	M-F	9 a.m.-4 p.m.	24
<b>ONLINE</b>						
Drawsters—Sketcher Kids	7/10	7/14	6-12	M-F	9:30-11:30 a.m.	23
Python Programmers	7/10	7/14	8-11	M-F	1-3:30 p.m.	30
Minecraft® Animators	7/10	7/14	8-11	M-F	4:30-7 p.m.	29
Minecraft® Animators	7/10	7/14	11-14	M-F	1-3:30 p.m.	29
Python Programmers	7/10	7/14	11-14	M-F	4:30-7 p.m.	30
Drawsters—Geometric Wonders	7/10	7/14	13-18	M-F	1-3 p.m.	22
Coding for Girls	7/10	7/28	14-15	M-F	5-7 p.m.	37
Pre-Calculus and Physics	7/10	7/28	14-17	M-F	5-7 p.m.	38
Title	Start	End	Ages	Days	Time	Page
<b>Week of July 17th</b>						
<b>GERMANTOWN CAMPUS</b>						
Before Care for Summer Youth Programs	7/17	7/21	6-13	M-F	7-9 a.m.	39
After Care for Summer Youth Programs	7/17	7/21	6-13	M-F	3-6 p.m.	39
EXTREME STEaM Art Camp	7/17	7/21	6-10	M-F	9 a.m.-12 p.m.	23
YouTube® Content Creators	7/17	7/21	8-11	M-F	1-4 p.m.	31
World Art	7/17	7/21	11-14	M-F	1-4 p.m.	25
Intro to Arduino	7/17	7/21	11-14	M-F	9 a.m.-3 p.m.	14
Controversial Discussions: The Psychology of Conversation <a href="#">SSL</a>	7/17	7/21	11-14	M-F	1-4 p.m.	12
Leveling Up to Lead <a href="#">SSL</a>	7/17	7/21	11-14	M-F	9 a.m.-12 p.m.	15
YouTube® Content Creators	7/17	7/21	11-14	M-F	9 a.m.-12 p.m.	25
Childcare 101 <a href="#">SSL</a>	7/17	7/21	13-16	M-F	9 a.m.-4 p.m.	12
<b>ROCKVILLE CAMPUS</b>						
Before Care for Summer Youth Programs	7/17	7/21	6-13	M-F	7-9 a.m.	39
After Care for Summer Youth Programs	7/17	7/21	6-13	M-F	3-6 p.m.	39
Music Camp	7/17	7/21	5-12	M-F	9 a.m.-12 p.m.	16
Studio 1 Art Camp	7/17	7/21	6-10	M-F	1-4 p.m.	25
Elementary LEGO® Engineering	7/17	7/21	6-10	M-F	9 a.m.-12 p.m.	33

Creative Writing Workshop	7/17	7/21	8-10	M-F	1-4 p.m.	37
ROBLOX® Coders & Entrepreneurs!	7/17	7/21	8-10	M-F	1-4 p.m.	30
LEGO® Films and Stop Action!	7/17	7/21	8-10	M-F	9 a.m.-12 p.m.	28
It's a Museum City	7/17	7/21	8-12	M-F	9 a.m.-4 p.m.	15
Pre-Algebra	7/17	7/21	9-12	M-F	9 a.m.-12 p.m.	38
Algebra I	7/17	7/21	11-13	M-F	9 a.m.-12 p.m.	36
Digital Arts	7/17	7/21	11-13	M-F	9 a.m.-12 p.m.	37
Drama and Theater Arts	7/17	7/21	11-13	M-F	9 a.m.-12 p.m.	38
The Social Innovators Camp <a href="#">SSL</a>	7/17	7/21	11-14	M-F	1-4 p.m.	18
LEGO® STEM Engineering and Robotics	7/17	7/21	11-14	M-F	1-4 p.m.	33
LEGO® Films and Stop Action!	7/17	7/21	11-14	M-F	1-4 p.m.	28
Study Skills 101	7/17	7/21	11-14	M-F	5-7 p.m.	34
ArtBlast! STEaM Camp	7/17	7/21	11-14	M-F	9 a.m.-12 p.m.	20
ROBLOX® Coders & Entrepreneurs!	7/17	7/21	11-14	M-F	9 a.m.-12 p.m.	30
Forensic Crime Scene Investigators	7/17	7/21	14-17	M-F	9 a.m.-12 p.m.	14
Geometry	7/17	7/21	12-14	M-F	1-4 p.m.	38
Social Action Songwriting <a href="#">SSL</a>	7/17	7/21	12-17	M-F	1-4 p.m.	17
Algebra II	7/17	7/21	13-15	M-F	1-4 p.m.	36
Reading for the SAT/ACT	7/17	7/21	13-17	M-F	9 a.m.-12 p.m.	17
Biology	7/17	7/21	14-17	M-F	1-4 p.m.	37
Psych: What It All Means	7/17	7/28	14-17	M-F	9 a.m.-12 p.m.	17
When Your Ideas Become Real	7/17	7/21	14-17	M-F	9 a.m.-12 p.m.	18
<b>TAKOMA PARK/SILVER SPRING CAMPUS</b>						
Before Care for Summer Youth Programs	7/17	7/21	6-13	M-F	7-9 a.m.	39
After Care for Summer Youth Programs	7/17	7/21	6-13	M-F	4-6 p.m.	39
CrayoLa La!	7/17	7/21	6-10	M-F	1-4 p.m.	21
Elementary LEGO® Coding and Robots	7/17	7/21	6-10	M-F	9 a.m.-12 p.m.	33
Advanced Robotics	7/17	7/21	8-11	M-F	1-4 p.m.	27
Flamenco Dancing	7/17	7/21	11-14	M-F	1-4 p.m.	13
LEGO® Coding and Robots	7/17	7/21	11-14	M-F	1-4 p.m.	33
Intro to Innovation Camp <a href="#">SSL</a>	7/17	7/21	11-14	M-F	9 a.m.-12 p.m.	15
Advanced Robotics	7/17	7/21	11-14	M-F	9 a.m.-12 p.m.	27
Myths and Legends	7/17	7/21	11-14	M-F	9 a.m.-12 p.m.	24
World Monuments	7/17	7/21	15-18	M-F	9 a.m.-12 p.m.	26
<b>ONLINE</b>						
Drawsters—Animé	7/17	7/21	6-12	M-F	9:30-11:30 a.m.	21
Cloud Gamers: Mobile App Development	7/17	7/21	8-11	M-F	1-3:30 p.m.	27
Beats and Jams: Digital Music Creators	7/17	7/21	8-11	M-F	9:30-12 p.m.	27
Beats and Jams: Digital Music Creators	7/17	7/21	11-14	M-F	1-3:30 p.m.	27
Cloud Gamers: Mobile App Development	7/17	7/21	11-14	M-F	9:30-12 p.m.	27
Drawsters—Animé	7/17	7/21	13-18	M-F	1-3 p.m.	21
Title	Start	End	Ages	Days	Time	Page
<b>Week of July 24th</b>						
<b>GERMANTOWN CAMPUS</b>						
Before Care for Summer Youth Programs	7/24	7/28	6-13	M-F	7-9 a.m.	39
After Care for Summer Youth Programs	7/24	7/28	6-13	M-F	3-6 p.m.	39
Music Camp	7/24	7/28	5-12	M-F	1-4 p.m.	16
Kids on the Runway	7/24	7/28	6-10	M-F	9 a.m.-12 p.m.	23
Advanced Robotics	7/24	7/28	8-11	M-F	9 a.m.-12 p.m.	27
Advanced Robotics	7/24	7/28	11-14	M-F	1-4 p.m.	27



Anime	7/24	7/28	11-14	M-F	1-4 p.m.	20
Intro to Innovation Camp <a href="#">SSL</a>	7/24	7/28	11-14	M-F	9 a.m.-12 p.m.	15
Bloomable Engineering	7/24	7/28	11-14	M-F	9 a.m.-12 p.m.	12
<b>ROCKVILLE CAMPUS</b>						
Before Care for Summer Youth Programs	7/24	7/28	6-13	M-F	7-9 a.m.	39
After Care for Summer Youth Programs	7/24	7/28	6-13	M-F	3-6 p.m.	39
Algebra I	7/24	7/28	11-13	M-F	9-12	36
All About Technology	7/24	7/28	6-10	M-F	9 a.m.-12 p.m.	32
Build It! Art Camp	7/24	7/28	6-10	M-F	9 a.m.-12 p.m.	21
Creative Writing Workshop	7/24	7/28	8-10	M-F	1-4 p.m.	37
Day in Court—Mock Trial	7/24	7/28	8-10	M-F	1-4 p.m.	28
Beats and Jams: Digital Music Creators	7/24	7/28	8-10	M-F	9 a.m.-12 p.m.	27
Drama and Theater Arts	7/24	7/28	8-10	M-F	9 a.m.-12 p.m.	38
Pre-Algebra	7/24	7/28	9-12	M-F	9 a.m.-12 p.m.	38
Power Up Your Creativity	7/24	7/28	10-14	M-F	9 a.m.-12 p.m.	16
Algebra I	7/24	7/28	11-13	M-F	9 a.m.-12 p.m.	36
Beats and Jams: Digital Music Creators	7/24	7/28	11-14	M-F	1-4 p.m.	27
Painting—Amazing American Painters	7/24	7/28	11-14	M-F	1-4 p.m.	24
Unsolved World Mysteries	7/24	7/28	11-14	M-F	1-4 p.m.	18
Study Skills 101	7/24	7/28	11-14	M-F	5-7 p.m.	34
The Social Innovators Camp <a href="#">SSL</a>	7/24	7/28	11-14	M-F	9 a.m.-12 p.m.	18
Writing for the Community <a href="#">SSL</a>	7/24	7/28	11-14	M-F	9 a.m.-12 p.m.	19
Military History	7/24	7/28	11-14	M-F	9 a.m.-12 p.m.	15
Model United Nations	7/24	7/28	11-14	M-F	9 a.m.-12 p.m.	30
Traveling History: The Fight for Civil Rights <a href="#">SSL</a>	7/24	7/28	11-14	M-F	8:30-4 p.m.	35
Geometry	7/24	7/28	12-14	M-F	1-4 p.m.	38
Algebra II	7/24	7/28	13-15	M-F	1-4 p.m.	36
Childcare 101 <a href="#">SSL</a>	7/24	7/28	13-16	M-F	9 a.m.-4 p.m.	12
Forensic Crime Scene Investigators	7/24	7/28	14-17	M-F	9 a.m.-12 p.m.	14
Calculus	7/24	7/28	15-17	M-F	1-4 p.m.	37
<b>TAKOMA PARK/SILVER SPRING CAMPUS</b>						
Before Care for Summer Youth Programs	7/24	7/28	6-13	M-F	7-9 a.m.	39
After Care for Summer Youth Programs	7/24	7/28	6-13	M-F	4-6 p.m.	39
Music Camp	7/24	7/28	5-12	M-F	1-4 p.m.	16
STEAM Innovators!	7/24	7/28	6-10	M-F	1-4 p.m.	25
Elementary LEGO® Engineering	7/24	7/28	6-10	M-F	9 a.m.-12 p.m.	33
YouTube® Content Creators	7/24	7/28	8-11	M-F	9 a.m.-12 p.m.	31
The Social Innovators Camp <a href="#">SSL</a>	7/24	7/28	11-14	M-F	1-4 p.m.	18
LEGO® STEM Engineering and Robotics	7/24	7/28	11-14	M-F	1-4 p.m.	33
YouTube® Content Creators	7/24	7/28	11-14	M-F	1-4 p.m.	31
Art Through the Ages	7/24	7/28	11-14	M-F	9 a.m.-12 p.m.	20
Health Care Heroes: Healing Hands, Caring Hearts, Endless Possibilities <a href="#">SSL</a>	7/24	7/28	11-14	M-F	9 a.m.-12 p.m.	14
Photoshop-Building an Image	7/24	7/28	13-17	M-F	1-4 p.m.	16
Creative iPhone Photography	7/24	7/28	13-17	M-F	9 a.m.-12 p.m.	13
Health Care Heroes: Healing Hands, Caring Hearts, Endless Possibilities <a href="#">SSL</a>	7/24	7/28	14-17	M-F	1-4 p.m.	14
Financial Tips and Tricks: Get Ready for Adulthood	7/24	7/28	14-18	M-F	9 a.m.-12 p.m.	13
Painting Step by Step	7/24	7/28	15-18	M-F	1-4 p.m.	24
<b>ONLINE</b>						
Drawsters—I Like to Move It!	7/24	7/28	6-12	M-F	9:30-11:30 a.m.	22
Make Your First Video Game!	7/24	7/28	8-11	M-F	1-3:30 p.m.	29

Code Breakers	7/24	7/28	8-11	M-F	4:30-7 p.m.	28
Code Breakers	7/24	7/28	11-14	M-F	1-3:30 p.m.	28
Make Your First Video Game!	7/24	7/28	11-14	M-F	4:30-7 p.m.	29
Title	Start	End	Ages	Days	Time	Page
<b>Week of July 31st</b>						
<b>ROCKVILLE CAMPUS</b>						
Before Care for Summer Youth Programs	7/31	8/4	6-13	M-F	7-9 a.m.	39
After Care for Summer Youth Programs	7/31	8/4	6-13	M-F	3-6 p.m.	39
Music Camp	7/31	8/4	5-12	M-F	1-4 p.m.	16
Sculpt It! Art Camp	7/31	8/4	6-10	M-F	1-4 p.m.	24
ROBLOX® Makers	7/31	8/4	8-10	M-F	1-4 p.m.	31
Make Your First 3-D Video Game	7/31	8/4	8-10	M-F	9 a.m.-12 p.m.	29
Pre-Algebra	7/31	8/4	9-12	M-F	9 a.m.-12 p.m.	38
LEGO® Coding and Robots	7/31	8/4	9-14	M-F	1-4 p.m.	33
Algebra I	7/31	8/4	11-13	M-F	9 a.m.-12 p.m.	36
Make Your First 3-D Video Game	7/31	8/4	11-14	M-F	1-4 p.m.	29
Musical Theater	7/31	8/4	11-14	M-F	1-4 p.m.	16
Study Skills 101	7/31	8/4	11-14	M-F	5-7 p.m.	34
Summer SLAM <a href="#">SSL</a>	7/31	8/4	11-14	M-F	9 a.m.-4 p.m.	35
Who Did It Better? The Book or the Movie? <a href="#">SSL</a>	7/31	8/4	11-14	M-F	9 a.m.-4 p.m.	18
ROBLOX® Makers	7/31	8/4	11-14	M-F	9 a.m.-12 p.m.	31
World Art	7/31	8/4	11-14	M-F	9 a.m.-12 p.m.	25
Geometry	7/31	8/4	12-14	M-F	1-4 p.m.	38
Algebra II	7/31	8/4	13-15	M-F	1-4 p.m.	36
Pre-Calculus	7/31	8/4	14-16	M-F	1-4 p.m.	38
Artificial Intelligence	7/31	8/11	14-17	M-F	9 a.m.-3 p.m.	37
Forensic Crime Scene Investigators	7/31	8/4	14-17	M-F	9 a.m.-12 p.m.	14
<b>ONLINE</b>						
Drawsters—Master Artist Cartoons	7/31	8/4	6-12	M-F	9:30-11:30 a.m.	23
3D Game Design with Unity	7/31	8/4	8-11	M-F	4:30-7 p.m.	26
Minecraft® Designers	7/31	8/4	8-11	M-F	9:30-12 p.m.	29
3D Game Design with Unity	7/31	8/4	11-14	M-F	1-3:30 p.m.	26
Minecraft® Designers	7/31	8/4	11-14	M-F	1-3:30 p.m.	29
Drawsters—Master Artist Cartoons	7/31	8/4	13-18	M-F	1-3 p.m.	23
Coding for Girls	7/31	8/18	14-15	M-F	5-7 p.m.	37
Algebra II and Chemistry	7/31	8/18	14-17	M-F	5-7 p.m.	36
Title	Start	End	Ages	Days	Time	Page
<b>Week of August 7th</b>						
<b>ROCKVILLE CAMPUS</b>						
Before Care for Summer Youth Programs	8/7	8/11	6-13	M-F	7-9 a.m.	39
After Care for Summer Youth Programs	8/7	8/11	6-13	M-F	3-6 p.m.	39
Music Camp	8/7	8/11	5-12	M-F	9 a.m.-12 p.m.	16
Artosaurus STEaM Art Camp	8/7	8/11	6-10	M-F	1-4 p.m.	21
Elementary LEGO® Engineering	8/7	8/11	6-10	M-F	9 a.m.-12 p.m.	33
YouTube® Content Creators	8/7	8/11	8-10	M-F	1-4 p.m.	31
Smash Brawler: Make Your Own Platform Fighter Game!	8/7	8/11	8-10	M-F	9 a.m.-12 p.m.	31
Circus Camp	8/7	8/11	8-14	M-F	9 a.m.-3 p.m.	32
Pre-Algebra	8/7	8/11	9-12	M-F	9 a.m.-12 p.m.	38
Super Me!	8/7	8/11	10-14	M-F	9 a.m.-12 p.m.	17
Algebra I	8/7	8/11	11-13	M-F	9 a.m.-12 p.m.	36

LEGO® STEM Engineering and Robotics	8/7	8/11	11-14	M-F	1-4 p.m.	33
Smash Brawler: Make Your Own Platform Fighter Game!	8/7	8/11	11-14	M-F	1-4 p.m.	31
Intro to Innovation Camp <a href="#">SSL</a>	8/7	8/11	11-14	M-F	9 a.m.-12 p.m.	15
EXTREME STEaM Art Camp	8/7	8/11	11-14	M-F	9 a.m.-12 p.m.	23
YouTube® Content Creators	8/7	8/11	11-14	M-F	9 a.m.-12 p.m.	31
Flamenco Dancing	8/7	8/11	11-14	M-F	1-4 p.m.	13
Geometry	8/7	8/11	12-14	M-F	1-4 p.m.	38
Social Action Songwriting <a href="#">SSL</a>	8/7	8/11	12-17	M-F	1-4 p.m.	17
Algebra II	8/7	8/11	13-15	M-F	1-4 p.m.	36
Pre-Calculus	8/7	8/11	14-16	M-F	1-4 p.m.	38
Study Skills 101	8/7	8/11	14-17	M-F	5-7 p.m.	34
Summer SLAM <a href="#">SSL</a>	8/7	8/11	14-17	M-F	9 a.m.-4 p.m.	35
<b>ONLINE</b>						
Drawsters—Who's That Character?	8/7	8/11	6-12	M-F	9:30-11:30 a.m.	23
Pokémon® Masters: Designers & 3D Makers Unite!	8/7	8/11	8-11	M-F	1-3:30 p.m.	30
JavaScript Developer Jam	8/7	8/11	8-11	M-F	9:30-12 p.m.	28
JavaScript Developer Jam	8/7	8/11	11-14	M-F	1-3:30 p.m.	28
Pokémon® Masters: Designers & 3D Makers Unite!	8/7	8/11	11-14	M-F	4:30-7 p.m.	30
Title	Start	End	Ages	Days	Time	Page
<b>Week of August 14th</b>						
<b>ROCKVILLE CAMPUS</b>						
Before Care for Summer Youth Programs	8/14	8/18	6-13	M-F	7-9 a.m.	39
After Care for Summer Youth Programs	8/14	8/18	6-13	M-F	3-6 p.m.	39
Coding and Robotics with LEGO® Mindstorm	8/14	8/18	1-16	M-F	9 a.m.-12 p.m.	33
Powerful Women Artists	8/14	8/18	6-10	M-F	9 a.m.-12 p.m.	24
Cyber Spies	8/14	8/18	8-10	M-F	1-4 p.m.	28
3D Game Design with Unity	8/14	8/18	8-10	M-F	9 a.m.-12 p.m.	26
Circus Camp	8/14	8/18	8-14	M-F	9 a.m.-3 p.m.	32
The Social Innovators Camp <a href="#">SSL</a>	8/14	8/18	11-14	M-F	1-4 p.m.	18
3D Game Design with Unity	8/14	8/18	11-14	M-F	1-4 p.m.	26
Sculpt It! Art Camp	8/14	8/18	11-14	M-F	1-4 p.m.	24
Cyber Spies	8/14	8/18	11-14	M-F	9 a.m.-12 p.m.	28
VEX IQ Robotic Sensor Bots and Programming	8/14	8/18	11-16	M-F	1-4 p.m.	34
<b>ONLINE</b>						
Drawsters—EZ Draw	8/14	8/18	6-12	M-F	9:30-11:30 a.m.	22
ROBLOX® Makers	8/14	8/18	8-11	M-F	1-3:30 p.m.	31
YouTube® Content Creators	8/14	8/18	11-14	M-F	1-3:30 p.m.	31
ROBLOX® Makers	8/14	8/18	11-14	M-F	4:30-7 p.m.	31
Drawsters—EZ Draw	8/14	8/18	13-18	M-F	1-3 p.m.	22
Study Skills 101	8/14	8/18	14-17	M-F	5-7 p.m.	34
YouTube® Content Creators	8/14	8/18	8-141	M-F	4:30-7 p.m.	31
Title	Start	End	Ages	Days	Time	Page
<b>Week of August 21st</b>						
<b>ONLINE</b>						
Python Programmers	8/21	8/25	8-11	M-F	4:30-7 p.m.	30
ROBLOX® Coders & Entrepreneurs!	8/21	8/25	8-11	M-F	9:30-12 p.m.	30
Python Programmers	8/21	8/25	11-14	M-F	1-3:30 p.m.	30
ROBLOX® Coders & Entrepreneurs!	8/21	8/25	11-14	M-F	1-3:30 p.m.	30
Study Skills 101	8/21	8/25	14-17	M-F	5-7 p.m.	34

**The following Summer Youth Classes are taught by Montgomery College faculty, staff, and qualified instructors. We also offer many partnership camps starting on page 19.**

### 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**

\$160 + \$75 fee = \$235; NMR add \$25

#### Germantown Campus

CRN#: 10611 5 Sessions M T W R F  
7/24-7/28 9 a.m.-12 p.m. **Ages 11-14**

### Build Your Own Autonomous Robot

Are you a robotics enthusiast, and need some help getting started or refining your skills? This camp places emphasis on building electronic assembly skills. You will build and assemble an autonomous robot car from a kit. The robot cars use various sensors, such as microphone and contact switches to interact with the environment. For example, the robot can be made to respond to a handclap or reverse direction when it contacts an obstacle. No programming skills are needed. At the end of the course, you will keep your robot car. Instructor: Dr. Monica Mellini, MC Faculty.

**Course: YTH362 15 Hours**

\$160 + \$75 fee = \$235; NMR add \$25

#### Germantown Campus

CRN#: 10609 5 Sessions M T W R F  
7/10-7/14 9 a.m.-12 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 trainings, 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.**

**Course: YTH539 30 Hours**

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

#### Germantown Campus

CRN#: 10665 5 Sessions M T W R F  
7/17-7/21 9 a.m.-4 p.m. **Ages 13-16**

#### Rockville Campus

CRN#: 10545 5 Sessions M T W R F  
7/24-7/28 9 a.m.-4 p.m. **Ages 13-16**

### 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**

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

#### Germantown Campus

CRN#: 10649 5 Sessions M T W R F  
7/17-7/21 1-4 p.m. **Ages 11-14**

#### Rockville Campus

CRN#: 40606 5 Sessions M T W R F  
6/26-6/30 1-4 p.m. **Ages 11-14**

#### Takoma Park/Silver Spring Campus

CRN#: 10648 5 Sessions M T W R F  
7/10-7/14 1-4 p.m. **Ages 11-14**



## 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 & White, Video, even Slow-Mo and Time Lapse, will all be covered in this course.

Instructor: professional photographer Robert Severi

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

\$155 + \$30 fee = \$185; NMR add \$25

### Takoma Park/Silver Spring Campus

CRN#: 10389 5 Sessions M T W R F  
7/10-7/14 1-4 p.m. **Ages 13-17**

CRN#: 10391 5 Sessions M T W R F  
7/24-7/28 9 a.m.-12 p.m. **Ages 13-17**

## Electronic City

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: YTH556** **20 Hours**

\$325 + \$100 fee = \$425; NMR add \$25

### Germantown Campus

CRN#: 10610 4 Sessions M W R F  
7/3-7/7 9 a.m.-3 p.m. **Ages 11-14**

No class 7/4

## 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**

\$155 + \$30 fee = \$185; NMR add \$25

### Takoma Park/Silver Spring Campus

CRN#: 10671 5 Sessions M T W R F  
7/10-7/14 1-4 p.m. **Ages 14-18**

CRN#: 10668 5 Sessions M T W R F  
7/10-7/14 9 a.m.-12 p.m. **Ages 11-13**

CRN#: 10669 5 Sessions M T W R F  
7/24-7/28 9 a.m.-12 p.m. **Ages 14-18**

## Flamenco Dancing

Did you know that the elegant art of Flamenco dance enhances the mind and body by increasing bodily expression and coordination? Are you ready to get moving? In this camp you will learn the vigorous rhythmic dance style of the Andalusian Gypsy dance featuring percussive footwork and lyrical arm movements as well as the Sevillanas Spanish style of dance. Flamenco dancing requires the coordination of your hands and feet, good posture, is a fun aerobic workout, and enhances your flexibility. This is camp is for beginners. Please dress appropriately for active dancing. No experience required. Instructor: Angela Ingram, MC Faculty.

**Course: YTH542** **15 Hours**

\$155 + \$40 fee = \$195; NMR add \$25

### Rockville Campus

CRN#: 10565 5 Sessions M T W R F  
8/7-8/11 1-4 p.m. **Ages 11-14**

### Takoma Park/Silver Spring Campus

CRN#: 10564 5 Sessions M T W R F  
7/17-7/21 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).



## 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: Heather Ward.

**Course: YTH110** **15 Hours**

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

### Rockville Campus

CRN#: 10402	5 Sessions	M T W R F
7/17-7/21	9 a.m.-12 p.m.	<b>Ages 14-17</b>
CRN#: 10403	5 Sessions	M T W R F
7/24-7/28	9 a.m.-12 p.m.	<b>Ages 14-17</b>
CRN#: 10405	5 Sessions	M T W R F
7/31-8/4	9 a.m.-12 p.m.	<b>Ages 14-17</b>

## 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: YTH411** **28 Hours**

\$290 + \$50 fee = \$340; NMR add \$25

### Rockville Campus

CRN#: 10443	4 Sessions	M W R F
7/3-7/7	9 a.m.-4 p.m.	<b>Ages 11-18</b>

No class 7/4

**Course: YOU976** **35 Hours**

\$375 + \$50 fee = \$425; NMR add \$25

### Rockville Campus

CRN#: 40581	5 Sessions	M T W R F
6/26-6/30	9 a.m.-4 p.m.	<b>Ages 11-18</b>

## Health Care Heroes: Healing Hands, Caring Hearts, Endless Possibilities

Can you see yourself as a health care hero? Spend a week exploring Montgomery College's health science programs in the College's state-of-the-art simulation labs at the Health Science Center. You will get hands on experiences, led by College faculty, in the following programs: emergency management, physical therapist assistant, nursing, radiologic (x-ray) technology, sonography, and surgical technology. You will complete the American Heart Association's Heartsaver CPR and First Aid course. Additionally, you will have the opportunity earn Student Service Learning (SSL) hours by learning about outreach programs in the community. For these outreach programs, you will create posters to use for community events. On the last day of camp, parents/guardians are invited to tour the Health Science Center, learn more about career programs, and celebrate the successes of our Health Care Heroes. **MCPS has approved this camp session for 10 Student Service Learning (SSL) hours.** Instructors: A team of Health Science MC Faculty members.

**Course: YTH565** **15 Hours**

\$195 + \$55 fee = \$250; NMR add \$25

### Takoma Park/Silver Spring Campus

CRN#: 10667	5 Sessions	M T W R F
7/24-7/28	1-4 p.m.	<b>Ages 14-17</b>
CRN#: 10666	5 Sessions	M T W R F
7/24-7/28	9 a.m.-12 p.m.	<b>Ages 11-14</b>

## Intro to Arduino

This course is intended to teach beginners 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. Arduino uses the 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: YTH384** **25 Hours**

\$325 + \$100 fee = \$425; NMR add \$25

### Germantown Campus

CRN#: 10608	5 Sessions	M T W R F
7/17-7/21	9 a.m.-3 p.m.	<b>Ages 11-14</b>

## 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

CRN#: 10654 5 Sessions M T W R F  
7/24-7/28 9 a.m.-12 p.m. **Ages 11-14**

### Rockville Campus

CRN#: 40608 5 Sessions M T W R F  
6/26-6/30 9 a.m.-12 p.m. **Ages 11-14**

CRN#: 10655 5 Sessions M T W R F  
7/10-7/14 1-4 p.m. **Ages 11-14**

CRN#: 10657 5 Sessions M T W R F  
8/7-8/11 9 a.m.-12 p.m. **Ages 11-14**

### Takoma Park/Silver Spring Campus

CRN#: 10656 5 Sessions M T W R F  
7/17-7/21 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 Hirshhorn, 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. So bring your lunch and wear your walking shoes as well 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**

\$324 + \$95 fee = \$419; NMR add \$25

### Rockville Campus

CRN#: 40594 5 Sessions M T W R F  
6/26-6/30 9 a.m.-4 p.m. **Ages 8-12**

CRN#: 10538 5 Sessions M T W R F  
7/17-7/21 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: YTH373** **27 Hours**

\$289 + \$50 fee = \$339; NMR add \$25

### Rockville Campus

CRN#: 10417 9 Sessions M T W R F  
7/3-7/14 9 a.m.-12 p.m. **Ages 11-14**  
No class 7/4

## 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**

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

### Germantown Campus

CRN#: 10647 5 Sessions M T W R F  
7/17-7/21 9 a.m.-12 p.m. **Ages 11-14**

### Rockville Campus

CRN#: 40605 5 Sessions M T W R F  
6/26-6/30 9 a.m.-12 p.m. **Ages 11-14**

### Takoma Park/Silver Spring Campus

CRN#: 10646 5 Sessions M T W R F  
7/10-7/14 9 a.m.-12 p.m. **Ages 11-14**

## 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

CRN#: 10422 5 Sessions M T W R F  
7/24-7/28 9 a.m.-12 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 & drum; p.m. instruments—violin & guitar).

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

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

### Germantown Campus

CRN#: 10395 5 Sessions M T W R F  
7/10-7/14 9 a.m.-12 p.m. **Ages 5-12**

CRN#: 10396 5 Sessions M T W R F  
7/24-7/28 1-4 p.m. **Ages 5-12**

### Rockville Campus

CRN#: 40578 5 Sessions M T W R F  
6/26-6/30 1-4 p.m. **Ages 5-12**

CRN#: 10404 5 Sessions M T W R F  
7/17-7/21 9 a.m.-12 p.m. **Ages 5-12**

CRN#: 10400 5 Sessions M T W R F  
7/31-8/4 1-4 p.m. **Ages 5-12**

CRN#: 10401 5 Sessions M T W R F  
8/7-8/11 9 a.m.-12 p.m. **Ages 5-12**

### Takoma Park/Silver Spring Campus

CRN#: 10393 5 Sessions M T W R F  
7/10-7/14 9 a.m.-12 p.m. **Ages 5-12**

CRN#: 10394 5 Sessions M T W R F  
7/24-7/28 1-4 p.m. **Ages 5-12**

## 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**

\$155 + \$40 fee = \$195; NMR add \$25

### Rockville Campus

CRN#: 10560 5 Sessions M T W R F  
7/31-8/4 1-4 p.m. **Ages 11-14**

### Takoma Park/Silver Spring Campus

CRN#: 10559 5 Sessions M T W R F  
7/10-7/14 1-4 p.m. **Ages 11-14**

## 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**

\$155 + \$30 fee = \$185; NMR add \$25

### Takoma Park/Silver Spring Campus

CRN#: 10461 5 Sessions M T W R F  
7/10-7/14 9 a.m.-12 p.m. **Ages 13-17**

CRN#: 10462 5 Sessions M T W R F  
7/24-7/28 1-4 p.m. **Ages 13-17**

## Physical Computing

This camp explores the role of hardware platforms in computing and how different sensors can provide more effective input and output than the traditional keyboard, mouse, and monitor. Using App Lab and Adafruit's Circuit Playground, you'll develop programs that utilize the same hardware inputs and outputs that you see in the smart devices, looking at how a simple rough prototype can lead to a finished product. The camp concludes with a design challenge to use the Circuit Playground as the basis for an innovation of your own design. Instructor: Teresa Gaspar

**Course: YTH564** **30 Hours**

\$420 + \$60 fee = \$480; NMR add \$25

### Takoma Park/Silver Spring Campus

CRN#: 10664 10 Sessions M T W R F  
7/10-7/21 1-4 p.m. **Ages 11-16**

## 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

CRN#: 10539 5 Sessions M T W R F  
7/24-7/28 9 a.m.-12 p.m. **Ages 10-14**



## 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 camp includes a brief introduction into mental disorders. 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. Instructor: Jennifer Bauer

**Course: YTH515** **30 Hours**

\$329 + \$50 fee = \$379; NMR add \$25

### Rockville Campus

CRN#: 10438	10 Sessions	M T W R F
7/17-7/28	9 a.m.-12 p.m.	<b>Ages 14-17</b>

## PYTHON: A Practical Introduction to Programming (GT)

Learn to program with Python. Python is an open-source, contemporary programming language that is widely used not only in colleges and high schools to teach introductory programming, but also in development of software and cyber-security programs, among other things. Learn to solve problems and apply standard programming concepts such as variables, math operators, data types, decisions, loops, functions, objects, Graphical User Interfaces (GUIs), and modules. Develop, games, random functions, graphic animations and other programs in this hands-on class. *Prerequisites: GT students; algebra skills, basic knowledge of computers (starting programs, saving files).* Instructor: Teresa Gaspar

**Course: YOU796** **27 Hours**

\$380 + \$50 fee = \$430; NMR add \$25

### Rockville Campus

CRN#: 40610	9 Sessions	M T W R F
6/26-7/7	1-4 p.m.	<b>Ages 11-16</b>

No class 7/4

## 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

CRN#: 10416	5 Sessions	M T W R F
7/17-7/21	9 a.m.-12 p.m.	<b>Ages 13-17</b>

## 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

CRN#: 10541	5 Sessions	M T W R F
7/17-7/21	1-4 p.m.	<b>Ages 12-17</b>
CRN#: 10540	5 Sessions	M T W R F
8/7-8/11	1-4 p.m.	<b>Ages 12-17</b>

## Super Me!

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. Included: Reiki, EFT, simple Meditation, Manifesting, and peace-strengthening practices. Your instructor, Alice Langholt Ph.D., 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.

**Course: YTH536** **15 Hours**

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

### Rockville Campus

CRN#: 10542	5 Sessions	M T W R F
8/7-8/11	9 a.m.-12 p.m.	<b>Ages 10-14</b>



## 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

CRN#: 10650      5 Sessions      M T W R F  
7/10-7/14      9 a.m.-12 p.m.      **Ages 11-14**

### Rockville Campus

CRN#: 40607      5 Sessions      M T W R F  
6/26-6/30      1-4 p.m.      **Ages 11-14**

CRN#: 10658      5 Sessions      M T W R F  
7/17-7/21      1-4 p.m.      **Ages 11-14**

CRN#: 10652      5 Sessions      M T W R F  
7/24-7/28      9 a.m.-12 p.m.      **Ages 11-14**

CRN#: 10651      5 Sessions      M T W R F  
8/14-8/18      1-4 p.m.      **Ages 11-14**

### Takoma Park/Silver Spring Campus

CRN#: 10653      5 Sessions      M T W R F  
7/24-7/28      1-4 p.m.      **Ages 11-14**

## Unsolved World Mysteries

What really happened to the Lost Colony of Roanoke? Where are the remains of Amelia Earhart and her plane? Who was Jack the Ripper and how did he get away with his crimes for so long? Who built Stonehenge and why? What do we really know about Area 51? What happened to the residents of Easter Island? Come and explore all of these topics and determine if they are really mysteries at all or just overly hyped footnotes in history. You will explore primary and secondary sources, go on a virtual field trip, watch clips of a historical movie and sharpen your debate skills! Instructor: Robert Barnes

**Course: YTH381** **15 Hours**

\$160 + \$25 fee = \$185; NMR add \$25

### Rockville Campus

CRN#: 10390      5 Sessions      M T W R F  
7/24-7/28      1-4 p.m.      **Ages 11-14**

## When Your Ideas Become Real

Join us to learn to combine five skills that you may already have: reading, writing, math, computer savvy and creativity. Get ready to mobilize your dreams, interests and talents. With this course, you'll take your ideas to the next level and delve into a hobby, deepen an area of proficiency, tap into an income stream, bolster an invention, business, project, game, or innovation! These approaches are outside the box and burst open possibilities for designing meaningful careers out of things you love to do. You'll come away with inspiration and a solid plan to bring them to reality. Instructor: Alice Langolt, PhD

**Course: YTH537** **15 Hours**

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

### Rockville Campus

CRN#: 10543      5 Sessions      M T W R F  
7/17-7/21      9 a.m.-12 p.m.      **Ages 14-17**

## Who Did It Better? The Book or the Movie?

Do you love to read? Do you love to watch movies? Are you tired of being forced to read boring books? We all know that if you enjoy reading now, you will grow up to be a reader. Come read Kamkwamba and Mealer's book *The Boy Who Harnessed the Wind*. As we read the book, you will learn reading skills such as determining the theme, how to cite textual evidence, how to analyze different elements of a story, how to determine the figurative and connotative meaning of words and delve into character development. You will also watch the movie to compare and contrast. Then you can decide. Which one was better—and why? You will have rich discussions and reinforce skills learned from the Common Core English Language Arts guidelines. You will also tie the concepts in the book to your community. What does the main character do and learn that you could also do to better serve your community and enhance your life? You will research an issue you find in our community, and come up with a plan to address it. You will keep your book at the end of the camp. **MCPS has approved this camp session for 10 Student Service Learning (SSL) hours.** Instructor: Ramona Johnson, MC Faculty

**Course: YTH538** **30 Hours**

\$349 + \$50 fee = \$399; NMR add \$25

### Rockville Campus

CRN#: 10544      5 Sessions      M T W R F  
7/31-8/4      9 a.m.-4 p.m.      **Ages 14-17**

## 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**

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

### Rockville Campus

CRN#: 10558

5 Sessions

M T W R F

7/24-7/28

9 a.m.-12 p.m.

**Ages 11-14**

## Writing for the SAT and 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 them. Practice skills learned and take practice tests to heighten your comfort with the testing situation. Instructor: Jennifer Bauer

**Course:** YTH374

**27 Hours**

\$289 + \$50 fee = \$339; NMR add \$25

### Rockville Campus

CRN#: 10413

9 Sessions

M T W R F

7/3-7/14

9 a.m.-12 p.m.

**Ages 13-17**

No class 7/4



## AbraKadoodle



**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 EdS.—AbraKadoodle of Greater Silver Spring

Nancy Delasos—AbraKadoodle of Montgomery County

## 3D or Not?

How do you know if a piece of artwork is 3D? Some artists like Vasarely and Hockney try to confuse us by creating art that looks 3D but is really 2D. Learn to do this by creating optical illusions and drawings that appear to have volume. Use your creative ideas to transform something flat into interesting 3D sculptures and agamographs. Even use your own body as the form to create 3D art.

**Course:** YTH549

**15 Hours**

\$235 + \$50 fee = \$285; NMR add \$25

### Takoma Park/Silver Spring Campus

CRN#: 10571

5 Sessions

M T W R F

7/10-7/14

9 a.m.-12 p.m.

**Ages 11-14**





## Anime

Join Abakadoodle 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 Abakadoodle 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 Abakadoodle Anime Guide Book and your kit materials to further explore this unusual art form. Get ready for super fun at Abakadoodle Anime!

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

\$235 + \$50 fee = \$285; NMR add \$25

### Germantown Campus

CRN#: 10612      5 Sessions      M T W R F  
7/24-7/28      1-4 p.m.      **Ages 11-14**

### Rockville Campus

CRN#: 40599      5 Sessions      M T W R F  
6/26-6/30      1-4 p.m.      **Ages 11-14**

## ArtBlast! STEaM Camp

Calling everyone who has a creative, curious mind and likes to explore! Learn about how Science is an inspiration for many artists. Boost your imagination while you play and paint with magnets, explore robotic sculptures and Technology. Develop your Engineering skills and design your dream house! Create Artistic Math puzzles and much more while you ignite your creativity. Join us on the Abakadoodle® STEaM art venture and have a blast while you make new friends and create art in innovative ways! The activities will be modified based on the age and skill level of the students.

**Course: YTH442** **12 Hours**

\$188 + \$40 fee = \$228; NMR add \$25

### Germantown Campus

CRN#: 10625      4 Sessions      M W R F  
7/3-7/7      9 a.m.-12 p.m.      **Ages 6-10**

**Course: YTH115** **15 Hours**

\$235 + \$50 fee = \$285; NMR add \$25

### Rockville Campus

CRN#: 10626      5 Sessions      M T W R F  
7/17-7/21      9 a.m.-12 p.m.      **Ages 11-14**



## Art Rocks! Camp

The stage is set for rock artists everywhere! Art Rocks! combines fun music and energetic art for a wildly creative adventure. You will make 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 CD. As a rock artist, you will create your own rock art, design mystifying paintings to music and try your hand at melodic action painting. So, come into the spotlight for a rocking good time!!

**Course: YTH558** **12 Hours**

\$188 + \$40 fee = \$228; NMR add \$25

### Rockville Campus

CRN#: 10619      4 Sessions      M W R F  
7/3-7/7      9 a.m.-12 p.m.      **Ages 6-10**  
No class 7/4

## Art Splash Paint Camp

Come expand your art skills while focusing on both artistry and skill building. You will learn about different painting techniques and art styles while you develop your own style. You will create a unique vase of plants inspired by the geometrical style of American artist Jonas Wood. Explore the art of Xavier Portilla while you create marine art. Be inspired by Robin Anne Cooper's unique canvas collage technique to create a whimsical owl. Learn about the nature-inspired art of Australian artist Elspeth McLean and create a beautiful dot painting sunset landscape. Paris will be your final destination as you create an Eiffel Tower cityscape!

**Course: YTH547** **12 Hours**

\$188 + \$40 fee = \$228; NMR add \$25

### Takoma Park/Silver Spring Campus

CRN#: 10569      4 Sessions      M W R F  
7/3-7/7      9 a.m.-12 p.m.      **Ages 15-18**  
No class 7/4

## Art Through the Ages

Travel through history and discover some of the world's most impactful, inspiring artists. Shine some light on exploring the ancient cave paintings of Spain as you use your hands to paint with a messy mixture. Learn about colorfully embellished Indian elephants, paint beautifully patterned African-inspired art, and study Dutch artist Johannes Vermeer's famous portrait. Be an Expressionist and create a scream-worthy painting with Edvard Munch's directional lines and bold colors. Don't miss the musical tints and shades of Pablo Picasso in his Rose and Blue Periods. Enter the fantastical world of Argentinean artist and inventor Xul Solar. Then watch out for the explosion of American Pop artist Roy Lichtenstein and the fast-moving landscapes of Grant Haffner. Fulfill your curiosities discovering Art through the Ages!

**Course: YTH544** **15 Hours**

\$235 + \$50 fee = \$285; NMR add \$25

### Takoma Park/Silver Spring Campus

CRN#: 10566      5 Sessions      M T W R F  
7/24-7/28      9 a.m.-12 p.m.      **Ages 11-14**



## Artosaurus STEaM Art Camp

Explore the wild world of dinosaurs and other reptiles! Learn about prehistoric animals, make dinosaur eggs, create fossils and habitats. Dig into the life of dinosaurs and your creativity! Experiment with a variety of art techniques while you learn about science, technology, engineering and math concepts used to study extinct animals. Play games, make new friends and have a ferociously fun time!

**Course: YTH562** **15 Hours**

\$235 + \$50 fee = \$285; NMR add \$25

### Rockville Campus

CRN#: 10632      5 Sessions      M T W R F  
8/7-8/11      1-4 p.m.      **Ages 6-10**

## Build It! Art Camp

This camp is all about building really cool stuff like large-scale 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!

**Course: YTH118** **15 Hours**

\$235 + \$50 fee = \$285; NMR add \$25

### Rockville Campus

CRN#: 10617      5 Sessions      M T W R F  
7/24-7/28      9 a.m.-12 p.m.      **Ages 6-10**

## CrayoLa La!

We celebrate Crayola® and the fabulous things you can imagine using their products! You will create with Crayola® watercolors, Model Magic® modeling compound, chalk, tempera paints, special crayons, oil pastels, acrylic paints and more while exploring color, designing vertical garden sculptures, and building nocturnal animals. Bubbles pop with drawing chalk! A still life explodes onto paper with construction paper, crayons and watercolors. Do not forget oil pastels that inspire lively molas. Have a colorful time creating your own Crayola® art!

**Course: YTH404** **15 Hours**

\$235 + \$50 fee = \$285; NMR add \$25

### Takoma Park/Silver Spring Campus

CRN#: 10572      5 Sessions      M T W R F  
7/17-7/21      1-4 p.m.      **Ages 6-10**

## Creative Inspiration

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 and see 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! We 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

**Course: YTH545** **12 Hours**

\$188 + \$40 fee = \$228; NMR add \$25

### Takoma Park/Silver Spring Campus

CRN#: 10567      4 Sessions      M W R F  
7/3-7/7      9 a.m.-12 p.m.      **Ages 11-14**  
No class 7/4

## Did You Say Clay?

Hooray for clay! Roll, pinch, pat, press, paint, and sculpt your way through this creative series that features projects with Crayola Air-Dry Clay®, Model Magic®, and Modeling Clay®. You will learn about the cultures of Italy, China, Turkey, and Africa's Zulu tribe by making beads, chops, tiles, and masks. Sculptors Jean Dubuffet and Lucien den Arend will inspire you to sculpt with colorful shapes and designs, and the fun continues with leapin' lizards, monsters, and more!

**Course: YTH548** **15 Hours**

\$235 + \$50 fee = \$285; NMR add \$25

### Takoma Park/Silver Spring Campus

CRN#: 10570      5 Sessions      M T W R F  
7/10-7/14      1-4 p.m.      **Ages 6-10**

## Drawsters—Animé

Come study the fun and beautiful Japanese art of Animé. Learn how to create the unique look that is Animé, 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 more. Use shapes, colors and techniques to produce your own unique finished Animé characters and put it all together to write and illustrate a graphic novel.

**Course: YTH242** **10 Hours**

\$125 + \$25 fee = \$150; NMR add \$25

### Online: Structured Remote

CRN#: 10550      5 Sessions      M T W R F  
7/17-7/21      9:30.-11:30 a.m.      **Ages 6-12**

CRN#: 10551      5 Sessions      M T W R F  
7/17-7/21      1-3 p.m.      **Ages 13-18**

## Drawsters—Cartoon Creations

Everyone loves a little whimsy! Abrakadoodle's one-of-a-kind drawing program will introduce artists to the creative world of cartooning by launching imaginations with spaceships and rockets, bouncing with Balloon People, and dreaming about what animals' love. You will learn about symbolism on welcome flags, explore music in the whimsical art of Sandra Boynton, and create fun geometric characters in the tradition of kid-friendly cartoon artist Ed Emberly. And no cartooning adventure is complete without the art of the comic strip! You will create your own comic frame featuring the traditional elements of characters and dialogue. Sequential lessons allow you to build drawing skills while gaining confidence.

**Course: YTH388** **8 Hours**

\$95 + \$25 fee = \$120; NMR add \$25

### Online: Structured Remote

CRN#: 10547	4 Sessions	M W R F
7/3-7/7	9:30 a.m.-11:30 a.m.	<b>Ages 6-12</b>
CRN#: 10548	4 Sessions	M W R F
7/3-7/7	1-3 p.m.	<b>Ages 13-18</b>

## Drawsters—EZ Draw

Everyone can draw! In fact, you already know how to draw many things such as shapes, letters, numbers and more. Combine what you already know with some EZ techniques and the possibilities are endless! Create farm animals, buildings, people, abstract art, and visual poetry using skills you have and EZ drawing techniques. The results are amazing! Learn about innovative American artist Saul Steinberg and his creative use of dots and lines, the centuries-old tradition of Illuminated Manuscripts, and combine poetry and drawing like French poet and artist Guillaume Apollinaire. Even learn to draw super letters that can be used for cards, posters, and projects. Drawing success is as simple as A-B-C!

**Course: YTH246** **10 Hours**

\$125 + \$25 fee = \$150; NMR add \$25

### Online: Structured Remote

CRN#: 10553	5 Sessions	M T W R F
8/14-8/18	9:30 a.m.-11:30 a.m.	<b>Ages 6-12</b>
CRN#: 10554	5 Sessions	M T W R F
8/14-8/18	1-3 p.m.	<b>Ages 13-18</b>



## Drawsters—Geometric Wonders

Oh, the wondrous things shapes can do! Geometric shapes are the basis to design buildings, invent a flag, draw a still life, and more! Learn to use a simple drawing tool that can make geometric shapes for beautiful drawings ranging from abstraction to architecture to character design. Learn about architecture from a few angles: the centuries – old structure of Chinese pagodas, the wonder of cutting-edge building design in Dubai, and Gothic stained glass rose windows. Compose polygon drawings inspired by Chinese tangrams and Taiwanese painter Shaiu-Peng Chen. Create sleek, modern characters in the style of French artist Christopher Bettig. Hop on a Pop Art Bus to complete the fun while learning about contemporary New York artist Marco!

**Course: YTH247** **10 Hours**

\$125 + \$25 fee = \$150; NMR add \$25

### Online: Structured Remote

CRN#: 10549	5 Sessions	M T W R F
7/10-7/14	1-3 p.m.	<b>Ages 13-18</b>

## Drawsters—I Like to Move It!

Drawing can be so much fun when you move it! Create drawings that incorporate driving, flying, flapping, biking, running, playing soccer, dancing, skateboarding, riding roller coasters, and even orbiting in outer space! Learn about aviation art, movement in drawing, light and shadow, and popular advertising while also learning about contemporary artists such as American painter Craig Randall, Brazilian artist Luiz Cavalli, and the long-running American show Imagination Station's mastermind, Mark Kistler. Design shoes while learning about the Girls Gotta Run Foundation that raises money to provide running shoes for Ethiopian girls. Understand that there are all kinds of talented artists, like Alaska's Erik Behnke, a whimsical wildlife artist who has Down syndrome and autism. Even celebrate World Cup 2010 with South African artist Esther Mahlangu and her Ndebele style!

**Course: YTH248** **10 Hours**

\$125 + \$25 fee = \$150; NMR add \$25

### Online: Structured Remote

CRN#: 40595	5 Sessions	M T W R F
6/26-6/30	9:30 a.m.-11:30 a.m.	<b>Ages 6-12</b>
CRN#: 10546	5 Sessions	M T W R F
7/24-7/28	9:30 a.m.-11:30 a.m.	<b>Ages 6-12</b>



## Drawsters—Master Artist Cartoons

Be a Master Artist drawing cartoons inspired by artists and their styles. Experience a flowery adventure with Pop Art, patterns, and portraits. Make funny facial expressions 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. The difficulty of the class is based on the age and skill level of the students.

**Course: YTH540** **10 Hours**

\$125 + \$25 fee = \$150; NMR add \$25

### Online: Structured Remote

CRN#: 10555      5 Sessions      M T W R F  
7/31-8/4      9:30 a.m.-11:30 a.m.      **Ages 6-12**

CRN#: 10556      5 Sessions      M T W R F  
7/31-8/4      1-3 p.m.      **Ages 13-18**

## Drawsters—Sketcher Kids

Learn how to draw and sketch what you see and even what you don't see! Sketcher Kids will create their own personal sketchbooks just like professional artists. You will learn a variety of techniques and secrets that make drawing both easy and entertaining. You will have fun with cats, viewfinders, kid drawing and a variety of drawing materials and exercises. At the end, you will have developed their own personal style!

**Course: YTH249** **10 Hours**

\$125 + \$25 fee = \$150; NMR add \$25

### Online: Structured Remote

CRN#: 10557      5 Sessions      M T W R F  
7/10-7/14      9:30 a.m.-11:30 a.m.      **Ages 6-12**

## Drawsters—Who's That Character?

Kids all around the world love cartoon characters! Learn about the creators, artists and designers of these loveable characters! You will draw fairies, superheroes, cuddly animals and more! Some of the creators include Scottish playwright J.M. Barrie, who imagined Tinker Bell in his book Peter Pan; Bob Kane a doodler who sketched his first Batman image while he was still a teenager; Charles M. Schulz, who drew the popular comic strip Peanuts featuring the beloved Snoopy character for fifty years; and, George Lerner, who invented Mr. Potato Head using vegetables from his own family garden! Other popular characters come from around the world including Japan, Belgium, France and Canada. And of course, the series would not be complete without Abrakadoodle's own adorable Splat, the cheerful doodling dog created by multi-talented American artist Joan McGurran. Learn about these fabulous artists and their characters- and create some of your own characters in the process!

**Course: YTH250** **10 Hours**

\$125 + \$25 fee = \$150; NMR add \$25

### Online: Structured Remote

CRN#: 10552      5 Sessions      M T W R F  
8/7-8/11      9:30 a.m.-11:30 a.m.      **Ages 6-12**

## EXTREME STEaM Art Camp

Everyone! Climb aboard this creative experience to become a 21st-century innovator! In this camp, you will translate Science, Technology, Engineering and Math concepts into Art creations. Using a variety of art techniques, you will make a flying machine like Da Vinci, build a rocket ship, create an aerial view drone map and much more. Challenge your imagination and creativity and become an EXTREME artist while you have extreme fun!

**Course: YTH448** **15 Hours**

\$235 + \$50 fee = \$285; NMR add \$25

### Germantown Campus

CRN#: 10615      5 Sessions      M T W R F  
7/17-7/21      9 a.m.-12 p.m.      **Ages 6-10**

### Rockville Campus

CRN#: 10616      5 Sessions      M T W R F  
8/7-8/11      9 a.m.-12 p.m.      **Ages 11-14**

## Kids on the Runway

Attention everyone! Join us for Abrakadoodle's ultimate style camp. From Mondrian to Louis Vuitton, this is the place to design your own clothing line inspired by the illustrators, designers and artists who focus on the world of high fashion! Try out your creative ideas on paper vests and cool accessories. Experiment with fabric design and play with concepts for bags, gloves, scarves, hats, footwear, jewelry and much more. Get in the spotlight featuring unique designs created by YOU! (Note: there is no sewing in this camp.) The activities will be modified based on the skill level and ages of the students.

**Course: YTH444** **15 Hours**

\$235 + \$50 fee = \$285; NMR add \$25

### Germantown Campus

CRN#: 10631      5 Sessions      M T W R F  
7/24-7/28      9 a.m.-12 p.m.      **Ages 6-10**

## Mad About Movies Art Camp

If you love movies and the kooky characters, animations and illustrations in them, then this camp is for you! Together, marvelous movies and art make for some movie madness! You will learn about what inspires movie-makers, how movies come together, tell movie stories and recreate favorite movie characters. You will explore basic animation, storyboards, movie music and more while making new friends and exploring creative abilities. (Cell phones or a tablet may be required for some of the animation activities). Camp activities will be modified based on the age and skill level of the students.

**Course: YTH441** **12 Hours**

\$188 + \$40 fee = \$228; NMR add \$25

### Rockville Campus

CRN#: 10621      4 Sessions      M W R F  
7/3-7/7      1-4 p.m.      **Ages 11-14**

**Course: YTH447** **12 Hours**

\$235 + \$50 fee = \$285; NMR add \$25

### Germantown Campus

CRN#: 10623      5 Sessions      M T W R F  
7/10-7/14      9 a.m.-12 p.m.      **Ages 6-10**

## Myths and Legends

Listen and learn! Spark creative art experiences with timehonored stories. Exciting myths, legends and tales from around the world inspire artwork to narrate stories in new ways. Folded paper puppets, painted story scrolls and sculpted creatures retell our heritage. Open ears, creativity, and good stories are all you need to get started!

**Course: YTH401** **15 Hours**

\$235 + \$50 fee = \$285; NMR add \$25

### Takoma Park/Silver Spring Campus

CRN#: 10561      5 Sessions      M T W R F  
7/17-7/21      9 a.m.-12 p.m.      **Ages 11-14**

## Paint and Clay Art

Join us for our Paint and Clay Art Camp! This camp is an exploratory program for high school students who are interested in art. Projects explore drawing, painting and clay, and are designed to introduce a variety of media. You will learn about ancient and modern artists and their styles, while engaging in the creative process. Come learn about Surrealism and be inspired by Salvador Dalí. Hear about modern architecture and make Hundertwasser-inspired architectural creations. Experience pottery construction inspired by Spanish artist Elena Nuez. Experiment with different painting techniques and the colors of Provence inspired by Elisabeth Estevallet. Learn about Jim Dine and symbolism in art while using modeling materials to create a sculpture. Learn about the Zulu Culture and create an African mask. Select your favorite typography and paint a personalized sign. Explore wet-on-wet techniques and tinting colors to create nature-inspired artwork. Learn about mythology and use texturizing tools to create a golden hand sculpture. Our camp will expose you to a variety of art forms while you progress on your own creative journey!

**Course: YTH550** **30 Hours**

\$480 + \$75 fee = \$555; NMR add \$25

### Takoma Park/Silver Spring Campus

CRN#: 10573      5 Sessions      M T W R F  
7/10-7/14      9 a.m.-4 p.m.      **Ages 15-18**

## Painting—Amazing American Painters

Come along to America, land of some amazing artists! Create artworks inspired by famous artists who explore color, celebrate uniqueness, innovate with paint, depict familiar scenes, and highlight different cultures. You will learn about Thiebaud's enticing goodies, Grandma Moses' charming landscapes, Steinberg's fascinating figures and more. Have fun with these Amazing American artists and create your own amazing art!

**Course: YTH563** **15 Hours**

\$235 + \$50 fee = \$285; NMR add \$25

### Germantown Campus

CRN#: 10633      5 Sessions      M T W R F  
7/10-7/14      1-4 p.m.      **Ages 11-14**

### Rockville Campus

CRN#: 10634      5 Sessions      M T W R F  
7/24-7/28      1-4 p.m.      **Ages 11-14**

## Painting Step by Step

Step into painting with Abrakadoodle and learn that you can create amazing artwork! These step by step projects will build confidence and offer the opportunity to create beautiful art beginning-to-end to take home or share with loved ones. Create colorful landscapes, delicate floral compositions, acrylic and watercolor paintings to hang on your walls, and home decor to brighten any room!

**Course: YTH141** **15 Hours**

\$235 + \$50 fee = \$285; NMR add \$25

### Takoma Park/Silver Spring Campus

CRN#: 10581      5 Sessions      M T W R F  
7/24-7/28      1-4 p.m.      **Ages 15-18**

## Powerful Women Artists

Be inspired! Create fabulous artwork and learn how powerful women artists influence the visual arts! See how famous women artists tell stories, use striking imagery, advocate for equality, and highlight different cultures. Explore Faith Ringgold's textile imagery, Berthe Morisot's impressionist paintings, and Joan Mitchell's amazing abstractions. Powerful women artists offers innovative, fun viewpoints to the arts!

**Course: YTH399** **15 Hours**

\$235 + \$50 fee = \$285; NMR add \$25

### Rockville Campus

CRN#: 10624      5 Sessions      M T W R F  
7/10-7/14      9 a.m.-12 p.m.      **Ages 11-14**

CRN#: 10622      5 Sessions      M T W R F  
8/14-8/18      9 a.m.-12 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 glass sculptures, busts, kinetic floating elements, Mexican tin art, and amazing artists while creating eight 3D sculptures that are dynamic, creative, and fun!

**Course: YTH451** **15 Hours**

\$235 + \$50 fee = \$285; NMR add \$25

### Rockville Campus

CRN#: 10618      5 Sessions      M T W R F  
7/31-8/4      1-4 p.m.      **Ages 6-10**

CRN#: 10620      5 Sessions      M T W R F  
8/14-8/18      1-4 p.m.      **Ages 11-14**



## Space Art Adventure STEAM Camp

Come blast off to an outer space adventure! Learn about the solar system, meteoroids, meteors and meteorites, constellations and much more. Find out why astronauts wear spacesuits and why telescopes are important tools. You will create art that focuses on science, technology, engineering and math concepts. Explore fun art techniques, play games and make friends that are "out of this world"!

**Course: YTH143** **15 Hours**

\$235 + \$50 fee = \$285; NMR add \$25

### Rockville Campus

CRN#: 10630      5 Sessions      M T W R F  
7/10-7/14      1-4 p.m.      **Ages 6-10**

## STEAM Dreams!

Take an art STEAM adventure to discover earth and space from the ocean's depths to faraway galaxies! Dream of the future of space travel and how we care for trees, bees, and plants. You will explore amazing art to imagine unknown planets, learn about the earth, and see the wonders of science in today's world while painting and drawing.

**Course: YTH546** **12 Hours**

\$188 + \$40 fee = \$228; NMR add \$25

### Takoma Park/Silver Spring Campus

CRN#: 10568      4 Sessions      M W R F  
7/3-7/7      1-4 p.m.      **Ages 11-14**  
No class 7/4

## STEAM Innovators!

Innovation! Invention! Art! Brilliant minds were exploring Science, Technology, Engineering, Art and Math long before the term STEAM was coined! Navajo Indians wove geometric patterns using simple machines, Leonardo da Vinci dreamed of all sorts of inventions, curious minds explored technology, and mathematicians observed fascinating details in the world around them. Learn about these amazing innovators and create your own inventive artwork inspired by them!

**Course: YTH145** **15 Hours**

\$235 + \$50 fee = \$285; NMR add \$25

### Takoma Park/Silver Spring Campus

CRN#: 10563      5 Sessions      M T W R F  
7/24-7/28      1-4 p.m.      **Ages 6-10**



## Studio 1 Art Camp

Come learn about famous artists such as Matisse, Audubon, Solberg, Rodrigue, Picasso, Morrisseau, Klimt, Durer, Tiffany and Steinlen. You will make abstract birds, purple cats, x-ray art, line art, 3D art, goldfish bowls, realistic rabbits, quilts, posters and stained-glass collages. This hands-on camp will be modified based on the age and skill level of the students.

**Course: YTH559** **12 Hours**

\$188 + \$40 fee = \$228; NMR add \$25

### Germantown Campus

CRN#: 10627      4 Sessions      M W R F  
7/3-7/7      1-4 p.m.      **Ages 11-14**  
No class 7/4

**Course: YTH560** **15 Hours**

\$235 + \$50 fee = \$285; NMR add \$25

### Rockville Campus

CRN#: 10659      5 Sessions      M T W R F  
7/17-7/21      1-4 p.m.      **Ages 6-10**

## 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!

**Course: YTH395** **15 Hours**

\$235 + \$50 fee = \$285; NMR add \$25

### Rockville Campus

CRN#: 40600      5 Sessions      M T W R F  
6/26-6/30      9 a.m.-12 p.m.      **Ages 6-10**

## World Art

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!

**Course: YTH561** **15 Hours**

\$235 + \$50 fee = \$285; NMR add \$25

### Germantown Campus

CRN#: 10629      5 Sessions      M T W R F  
7/17-7/21      1-4 p.m.      **Ages 11-14**

### Rockville Campus

CRN#: 10628      5 Sessions      M T W R F  
7/31-8/4      9 a.m.-12 p.m.      **Ages 11-14**

## World Monuments

Celebrate amazing structures and buildings that humans have built across the planet! World Monuments were created to honor people or events. These monuments are an important part of cultural heritage. You will get some perspective on The Great Wall of China, create a reflection of the largest art museum in the world, step back in time to learn about Big Ben, and invent your own hieroglyphs! Travel around the world and explore the grand creations of humanity through time! Listen and learn! Spark creative art experiences with time-honored stories. Exciting myths, legends and tales from around the world inspire artwork to narrate stories in new ways. Folded paper puppets, painted story scrolls and sculpted creatures retell our heritage. Open ears, creativity, and good stories are all we need to get started!

**Course: YTH402** **15 Hours**

\$235 + \$50 fee = \$285; NMR add \$25

**Takoma Park/Silver Spring Campus**

CRN#: 10562      5 Sessions      M T W R F  
7/17-7/21      9 a.m.-12 p.m.      Ages 15-18

## 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>.



## Black Rocket Productions



*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.

### 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. 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: YTH524** **12.5 Hours**

\$139 + \$40 fee = \$179; NMR add \$25

**Rockville Campus**

CRN#: 10410      4 Sessions      M T W R F  
8/14-8/18      9 a.m.-12 p.m.      **Ages 8-10**

CRN#: 10412      4 Sessions      M T W R F  
8/14-8/18      1-4 p.m.      **Ages 11-14**

**Course: YTH412** **15 Hours**

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

**Online: Structured Remote**

CRN#: 10578      5 Sessions      M T W R F  
7/31-8/4      1-3:30 p.m.      **Ages 11-14**

CRN#: 10579      5 Sessions      M T W R F  
7/31-8/4      4:30-7 p.m.      **Ages 8-11**

## Advanced Robotics

In this class, create a basic AI to program a robot using visual and text-based code. Utilize a variety of sensors that help your robot navigate and overcome daily class challenges. With your teammates, you will apply different coding concepts while using the scientific method to formulate, observe, experiment, test, and modify your robot. No prior experience is required. Students will work in pairs or teams.

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

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

### Germantown Campus

CRN#: 10415 5 Sessions M T W R F  
7/24-7/28 9 a.m.-12 p.m. **Ages 8-11**

CRN#: 10418 5 Sessions M T W R F  
7/24-7/28 1-4 p.m. **Ages 11-14**

### Rockville Campus

CRN#: 10424 5 Sessions M T W R F  
7/10-7/14 9 a.m.-12 p.m. **Ages 8-10**

CRN#: 10425 5 Sessions M T W R F  
7/10-7/14 1-4 p.m. **Ages 11-14**

### Takoma Park/Silver Spring Campus

CRN#: 10426 5 Sessions M T W R F  
7/17-7/21 9 a.m.-12 p.m. **Ages 11-14**

CRN#: 10427 5 Sessions M T W R F  
7/17-7/21 1-4 p.m. **Ages 8-11**

## Battle Royale Gamers: Wizards & Wands

Fans of Fortnite and Rumbleverse, we need YOU! Instead of just playing a multiplayer game, develop your own with Unity, a professional 3D game development software. Design your own unique magical level, build 3D models, and cast spells with custom-created wands. At the end of the week, all student created maps are combined into a master game where you will battle to become the last wizard standing. Compete against other schools across the country in our Esports League, with the possibility of having your map included in the live game. Student-created games will be available on a password protected Black Rocket website to share with friends and family.

**Course: YTH525** **15 Hours**

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

### Rockville Campus

CRN#: 40579 5 Sessions M T W R F  
6/26-6/30 9 a.m.-12 p.m. **Ages 8-10**

CRN#: 40580 5 Sessions M T W R F  
6/26-6/30 1-4 p.m. **Ages 11-14**

## Beats and Jams: Digital Music Creators

Begin your rise to the top of the charts with digital music production! Just like today's top artists, you can design your own beats or remix a mashup of your favorite songs to become a digital composer and sound engineer. In this course, students will learn to produce digital music, record sound, make sound effects, and mix their own tracks. No prior music experience is necessary. Student-created soundtracks will be available on a password protected website to share with friends and family.

**Course: YTH526** **15 Hours**

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

### Rockville Campus

CRN#: 10431 5 Sessions M T W R F  
7/24-7/28 9 a.m.-12 p.m. **Ages 8-10**

CRN#: 10432 5 Sessions M T W R F  
7/24-7/28 1-4 p.m. **Ages 11-14**

**Course: YTH551** **12.5 Hours**

\$139 + \$40 fee = \$179; NMR add \$25

### Online: Structured Remote

CRN#: 40609 5 Sessions M T W R F  
6/26-6/30 1-3:30 p.m. **Ages 11-14**

CRN#: 40596 5 Sessions M T W R F  
6/26-6/30 4:30-7 p.m. **Ages 8-11**

CRN#: 10590 5 Sessions M T W R F  
7/17-7/21 9:30 a.m.-12 p.m. **Ages 8-11**

CRN#: 10591 5 Sessions M T W R F  
7/17-7/21 1-3:30 p.m. **Ages 11-14**

## Cloud Gamers: Mobile App Development

Cloud gaming is the way of the future! Build games you can play everywhere and anywhere using a web-based development tool. Learn in-demand skills like programming events and coding controls for a touch screen or keyboard and mouse. Finish by personalizing levels and characters with your own design. Now you are ready to upload your games to the Black Rocket cloud arcade and play on any mobile device or computer. Games can easily be shared with friends and family!

**Course: YTH527** **15 Hours**

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

### Rockville Campus

CRN#: 40584 5 Sessions M T W R F  
6/26-6/30 9 a.m.-12 p.m. **Ages 11-14**

CRN#: 40585 5 Sessions M T W R F  
6/26-6/30 1-4 p.m. **Ages 8-10**

**Course: YTH552** **12.5 Hours**

\$139 + \$40 fee = \$179; NMR add \$25

### Online: Structured Remote

CRN#: 40597 5 Sessions M T W R F  
6/26-6/30 1-3:30 p.m. **Ages 8-11**

CRN#: 40598 5 Sessions M T W R F  
6/26-6/30 4:30-7 p.m. **Ages 11-14**

CRN#: 10595 5 Sessions M T W R F  
7/17-7/21 1-3:30 p.m. **Ages 8-11**

CRN#: 10594 5 Sessions M T W R F  
7/17-7/21 9:30 a.m.-12 p.m. **Ages 11-14**

## Code Breakers

Calling all future coders, programmers, & 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 her 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 only

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

\$139 + \$40 fee = \$179; NMR add \$25

### Online: Structured Remote

CRN#: 10597	5 Sessions	M T W R F
7/24-7/28	1-3:30 p.m.	<b>Ages 11-14</b>
CRN#: 10598	5 Sessions	M T W R F
7/24-7/28	4:30-7 p.m.	<b>Ages 8-11</b>

## Cyber Spies

With the world's increased reliance on digital data, cyber security is more important than ever! In this class you are all that stands between a group of international hackers launching cyber-attacks and world peace. Through a series of challenges students will learn to apply tools used by professional digital forensics teams to crack codes and use encryption. Working in teams you will have to collect clues, recover lost data, and explore the tools of the trade and become the next great cyber spy! 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.

**Course: YTH419** **15 Hours**

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

### Rockville Campus

CRN#: 10470	5 Sessions	M T W R F
8/14-8/18	9 a.m.-12 p.m.	<b>Ages 11-14</b>
CRN#: 10473	5 Sessions	M T W R F
8/14-8/18	1-4 p.m.	<b>Ages 8-10</b>

### Takoma Park/Silver Spring Campus

CRN#: 10474	5 Sessions	M T W R F
7/10-7/14	9 a.m.-12 p.m.	<b>Ages 8-11</b>
CRN#: 10475	5 Sessions	M T W R F
7/10-7/14	1-4 p.m.	<b>Ages 11-14</b>

## Day in Court—Mock Trial

Play the roles of judge, defendant, plaintiff, witness, lawyer, bailiff or juror in several mock trials. Learn how to make opening and closing statements, how to phrase objections, and how to question witnesses. Pull all your skills together at the end of the week as you participate in a final mock trial based on actual events. 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.

**Course: YTH423** **15 Hours**

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

### Rockville Campus

CRN#: 10476	5 Sessions	M T W R F
7/24-7/28	1-4 p.m.	<b>Ages 8-10</b>

## 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.

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

\$139 + \$40 fee = \$179; NMR add \$25

### Online: Structured Remote

CRN#: 10601	5 Sessions	M T W R F
8/7-8/11	9:30 a.m.-12 p.m.	<b>Ages 8-11</b>
CRN#: 10602	5 Sessions	M T W R F
8/7-8/11	1-3:30 p.m.	<b>Ages 11-14</b>

## LEGO® Films and Stop Action!

Make your LEGO come to life! Bring in your favorite action figures or LEGO and create a short film with your friends. Whether you want to recreate a scene from Star Wars or design a world of your own, this class brings your dreams to the screen. Students will need to bring in LEGO and/or action figures from home, but all other equipment is provided. Student-created films will be available on a password protected website to share with friends and family. Returning students can create more advanced projects that build on previous years.

**Course: YTH529** **15 Hours**

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

### Rockville Campus

CRN#: 10477	5 Sessions	M T W R F
7/17-7/21	9 a.m.-12 p.m.	<b>Ages 8-10</b>
CRN#: 10478	5 Sessions	M T W R F
7/17-7/21	1-4 p.m.	<b>Ages 11-14</b>

Black Rocket 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 and requires a 64-bit operating system.



## Make Your First 3-D Video Game

In this Black Rocket classic, you will go well beyond the limitations of the traditional 2D game design classes and create an immersive 3D world. Students will learn the physics behind 3D games, explore beginner event scripting, level design, controlling the flow of gameplay, and storytelling. Student projects will be available on a password protected Black Rocket website to share with friends and family.

**Course:** YOU382 **15 Hours**

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

### Rockville Campus

CRN#: 10480	5 Sessions	M T W R F
7/31-8/4	9 a.m.-12 p.m.	<b>Ages 8-10</b>
CRN#: 10479	5 Sessions	M T W R F
7/31-8/4	1-4 p.m.	<b>Ages 11-14</b>

## 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.

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

\$139 + \$40 fee = \$179; NMR add \$25

### Online: Structured Remote

CRN#: 10604	5 Sessions	M T W R F
7/24-7/28	1-3:30 p.m.	<b>Ages 8-11</b>
CRN#: 10605	5 Sessions	M T W R F
7/24-7/28	4:30-7 p.m.	<b>Ages 11-14</b>

## Minecraft® Animators

Create the next popular animated Minecraft video on YouTube! Practice the same skills professionals at Pixar and Disney Animation Studios use. Discover the process of keyframing and tweening, how to use it to bring your own animated stories to life, and how to publish your content on YouTube. Student projects 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.

**Course:** YTH555 **12.5 Hours**

\$139 + \$40 fee = \$179; NMR add \$25

### Online: Structured Remote

CRN#: 10606	5 Sessions	M T W R F
7/10-7/14	1-3:30 p.m.	<b>Ages 11-14</b>
CRN#: 10607	5 Sessions	M T W R F
7/10-7/14	4:30-7 p.m.	<b>Ages 8-11</b>

## 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. Returning students can create more advanced projects that build on previous years.

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

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

### Rockville Campus

CRN#: 10483	5 Sessions	M T W R F
7/10-7/14	9 a.m.-12 p.m.	<b>Ages 11-14</b>
CRN#: 10484	5 Sessions	M T W R F
7/10-7/14	1-4 p.m.	<b>Ages 8-10</b>

## 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. 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.

**Course:** YTH424 **12.5 Hours**

\$139 + \$40 fee = \$179; NMR add \$25

### Online: Structured Remote

CRN#: 10574	5 Sessions	M T W R F
7/31-8/4	9:30 a.m.-12 p.m.	<b>Ages 8-11</b>
CRN#: 10575	5 Sessions	M T W R F
7/31-8/4	1-3:30 p.m.	<b>Ages 11-14</b>

## 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!

**Course:** YTH421 **12 Hours**

\$124 + \$40 fee = \$164; NMR add \$25

### Rockville Campus

CRN#: 10434	4 Sessions	M W R F
7/3-7/7	9 a.m.-12 p.m.	<b>Ages 8-10</b>
No class 7/4		
CRN#: 10433	4 Sessions	M W R F
7/3-7/7	1-4 p.m.	<b>Ages 11-14</b>
No class 7/4		



## Model United Nations

Become one of the 400,000 students around the world in Model United Nations! Assume the role of an ambassador and represent your country to solve current world issues. Throughout the week students will research a world problem, develop solutions, and negotiate consensus with their peers. This program teaches teens and tweens core skills such as research, writing, public speaking, problem solving, and conflict resolution. Model UN alumni have gone on to become supreme court justices, world leaders, lawyers, and business professionals. No prior experience is needed.

**Course: YTH426** **15 Hours**

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

### Rockville Campus

CRN#: 10428 5 Sessions M T W R F  
7/24-7/28 9 a.m.-12 p.m. **Ages 11-14**

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

Calling all PokeMasters who want to be the designers of the future! Use your Pokemon imagination and bring your ideas to life. Begin by creating your own digital Pokemon-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.

**Course: YTH543** **12.5 Hours**

\$139 + \$40 fee = \$179; NMR add \$25

### Online: Structured Remote

CRN#: 10592 5 Sessions M T W R F  
8/7-8/11 1-3:30 p.m. **Ages 8-11**

CRN#: 10593 5 Sessions M T W R F  
8/7-8/11 4:30-7 p.m. **Ages 11-14**

## 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.

**Course: YTH422** **12 Hours**

\$120 + \$38 fee = \$158; NMR add \$25

### Rockville Campus

CRN#: 10429 4 Sessions M W R F  
7/3-7/7 9 a.m.-12 p.m. **Ages 11-14**

No class 7/4, 7/4

CRN#: 10430 4 Sessions M W R F  
7/3-7/7 1-4 p.m. **Ages 8-10**

No class 7/4, 7/4

## Python Programmers continued

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

\$139+ \$40 fee = \$179; NMR add \$25

### Online: Structured Remote

CRN#: 10582 5 Sessions M T W R F  
7/10-7/14 1-3:30 p.m. **Ages 8-11**

CRN#: 10583 5 Sessions M T W R F  
7/10-7/14 4:30-7 p.m. **Ages 11-14**

CRN#: 10584 5 Sessions M T W R F  
8/21-8/25 1-3:30 p.m. **Ages 11-14**

CRN#: 10585 5 Sessions M T W R F  
8/21-8/25 4:30-7 p.m. **Ages 8-11**

## ROBLOX® Coders & Entrepreneurs!

Discover the Lua language through a visual block coding system while designing worlds in ROBLOX®, an online universe where you can create anything you dream of. This new class combines game design concepts, coding, and fun! Young entrepreneurs will also learn how to navigate ROBLOX's fast-growing marketplace to publish their games. Student-created games will be available on a password protected Black Rocket website to share with friends and family.

**Course: YOU989** **15 Hours**

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

### Germantown Campus

CRN#: 10452 5 Sessions M T W R F  
7/10-7/14 9 a.m.-12 p.m. **Ages 8-11**

CRN#: 10453 5 Sessions M T W R F  
7/10-7/14 1-4 p.m. **Ages 11-14**

### Rockville Campus

CRN#: 10435 5 Sessions M T W R F  
7/17-7/21 9 a.m.-12 p.m. **Ages 11-14**

CRN#: 10450 5 Sessions M T W R F  
7/17-7/21 1-4 p.m. **Ages 8-10**

**Course: YTH430** **12.5 Hours**

\$139+ \$40 fee = \$179; NMR add \$25

### Online: Structured Remote

CRN#: 10586 5 Sessions M T W R F  
8/21-8/25 9:30 a.m.-12 p.m. **Ages 8-11**

CRN#: 10587 5 Sessions M T W R F  
8/21-8/25 1-3:30 p.m. **Ages 11-14**



## 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.

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

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

### Rockville Campus

CRN#: 10457 5 Sessions M T W R F  
7/31-8/4 9 a.m.-12 p.m. **Ages 11-14**

CRN#: 10463 5 Sessions M T W R F  
7/31-8/4 1-4 p.m. **Ages 8-10**

**Course: YTH553** **10 Hours**

\$111 + \$32 fee = \$143; NMR add \$25

### Online: Structured Remote

CRN#: 10596 4 Sessions M W R F  
7/3-7/7 1-3:30 p.m. **Ages 11-14**  
No class 7/4

CRN#: 10599 4 Sessions M W R F  
7/3-7/7 4:30-7 p.m. **Ages 8-11**  
No class 7/4

**Course: YTH433** **15 Hours**

\$139 + \$40 fee = \$179; NMR add \$25

### Online: Structured Remote

CRN#: 10588 5 Sessions M T W R F  
8/14-8/18 1-3:30 p.m. **Ages 8-11**  
CRN#: 10589 5 Sessions M T W R F  
8/14-8/18 4:30-7 p.m. **Ages 11-14**

## Smash Brawler: Make Your Own Platform Fighter Game!

NEW! Smash Brawler: Make Your Own Platform Fighter Game! If you love games like Super Smash Bros™, you will love this class! Using professional development software, customize your own 2D brawler game and configure your own characters. Learn how to balance multiplayer gameplay by modifying variables & editing scripts. Then challenge your classmates to compete on the platform level you designed. Smash Brawler games will be available on a password protected Black Rocket website to share with friends and family.

**Course: YTH528** **15 Hours**

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

### Rockville Campus

CRN#: 10471 5 Sessions M T W R F  
8/7-8/11 9 a.m.-12 p.m. **Ages 8-10**

CRN#: 10472 5 Sessions M T W R F  
8/7-8/11 1-4 p.m. **Ages 11-14**

## 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.

**Course: YTH209** **15 Hours**

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

### Germantown Campus

CRN#: 10464 5 Sessions M T W R F  
7/17-7/21 9 a.m.-12 p.m. **Ages 11-14**

CRN#: 10465 5 Sessions M T W R F  
7/17-7/21 1-4 p.m. **Ages 8-11**

### Takoma Park/Silver Spring Campus

CRN#: 10468 5 Sessions M T W R F  
7/24-7/28 9 a.m.-12 p.m. **Ages 8-11**

CRN#: 10469 5 Sessions M T W R F  
7/24-7/28 1-4 p.m. **Ages 11-14**

### Rockville Campus

CRN#: 10467 5 Sessions M T W R F  
8/7-8/11 1-4 p.m. **Ages 8-10**

CRN#: 10466 5 Sessions M T W R F  
8/7-8/11 9 a.m.-12 p.m. **Ages 11-14**

**Course: YTH554** **10 Hours**

\$111 + \$32 fee = \$143; NMR add \$25

### Online: Structured Remote

CRN#: 10600 4 Sessions M W R F  
7/3-7/7 1-3:30 p.m. **Ages 8-11**

CRN#: 10603 4 Sessions M W R F  
7/3-7/7 4:30-7 p.m. **Ages 11-14**

**Course: YTH436** **15 Hours**

\$139 + \$40 fee = \$179; NMR add \$25

### Online: Structured Remote

CRN#: 10576 5 Sessions M T W R F  
8/14-8/18 1-3:30 p.m. **Ages 11-14**

CRN#: 10577 5 Sessions M T W R F  
8/14-8/18 4:30-7 p.m. **Ages 8-11**



## Circus Camp

### Michael Rosman's Circus Camp

***Be Amazed, Be Amused, and Be Excited to see what life is like under the Big Top!***

Created by 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. Sneakers and comfortable clothing required.

**Instructor:** Michael Rosman's Circus Camp Stars

### 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. Created by 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. A juggling kit, which contains Chinese devil sticks, a Chinese Diabolo and juggling bean bags and a spinning plate, are yours to keep! Sneakers and comfortable clothing required.

**Course:** YOU386 **30 Hours**  
\$250 + \$50 fee = \$300; NMR add \$25

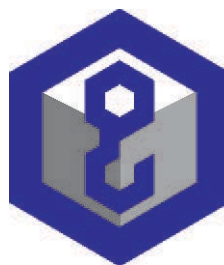
#### Rockville Campus

CRN#: 10446 5 Sessions M T W R F  
8/7-8/11 9 a.m.-3 p.m. Ages 8-14

CRN#: 10447 5 Sessions M T W R F  
8/14-8/18 9 a.m.-3 p.m. Ages 8-14



## Goldsmith



**GOLDSMITH  
EDUCATION LLC.**

**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.

### 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 building and programming 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.

**Course:** YOU786 **15 Hours**  
\$159 + \$50 fee = \$209; NMR add \$25

#### Rockville Campus

CRN#: 40576 5 Sessions M T W R F  
6/26-6/30 9 a.m.-12 p.m. **Ages 6-10**

CRN#: 10397 5 Sessions M T W R F  
7/24-7/28 9 a.m.-12 p.m. **Ages 6-10**

#### Takoma Park/Silver Spring Campus

CRN#: 10392 5 Sessions M T W R F  
7/10-7/14 9 a.m.-12 p.m. **Ages 6-10**



## 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.

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

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

### Rockville Campus

CRN#: 10445      5 Sessions      M T W R F  
8/14-8/18      9 a.m.-12 p.m.      **Ages 11-16**

## 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.

**Course: YTH514** **15 Hours**

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

### Rockville Campus

CRN#: 10409      5 Sessions      M T W R F  
7/10-7/14      9 a.m.-12 p.m.      **Ages 6-10**

CRN#: 10414      5 Sessions      M T W R F  
7/31-8/4      9 a.m.-12 p.m.      **Ages 6-10**

### Takoma Park/Silver Spring Campus

CRN#: 10411      5 Sessions      M T W R F  
7/17-7/21      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.

**Course: YTH127** **15 Hours**

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

### Rockville Campus

CRN#: 10423      5 Sessions      M T W R F  
7/17-7/21      9 a.m.-12 p.m.      **Ages 6-10**

CRN#: 10437      5 Sessions      M T W R F  
8/7-8/11      9 a.m.-12 p.m.      **Ages 6-10**

### Takoma Park/Silver Spring Campus

CRN#: 10436      5 Sessions      M T W R F  
7/24-7/28      9 a.m.-12 p.m.      **Ages 6-10**

## LEGO® Coding and Robots

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

**Course: YTH516** **15 Hours**

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

### Rockville Campus

CRN#: 10419      5 Sessions      M T W R F  
7/10-7/14      1-4 p.m.      **Ages 9-14**

CRN#: 10421      5 Sessions      M T W R F  
7/31-8/4      1-4 p.m.      **Ages 9-14**

### Takoma Park/Silver Spring Campus

CRN#: 10420      5 Sessions      M T W R F  
7/17-7/21      1-4 p.m.      **Ages 9-14**

## 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.

**Course: YTH377** **15 Hours**

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

### Rockville Campus

CRN#: 10439      5 Sessions      M T W R F  
7/17-7/21      1-4 p.m.      **Ages 11-14**

CRN#: 10441      5 Sessions      M T W R F  
8/7-8/11      1-4 p.m.      **Ages 11-14**

### Takoma Park/Silver Spring Campus

CRN#: 10440      5 Sessions      M T W R F  
7/24-7/28      1-4 p.m.      **Ages 11-14**





## 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)!

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

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

### Rockville Campus

CRN#: 40577 5 Sessions M T W R F  
6/26-6/30 1-4 p.m. **Ages 6-10**

CRN#: 10408 5 Sessions M T W R F  
7/24-7/28 1-4 p.m. **Ages 6-10**

### Takoma Park/Silver Spring Campus

CRN#: 10406 5 Sessions M T W R F  
7/10-7/14 1-4 p.m. **Ages 6-10**

## VEX IQ Robotic Sensor Bots and Programming

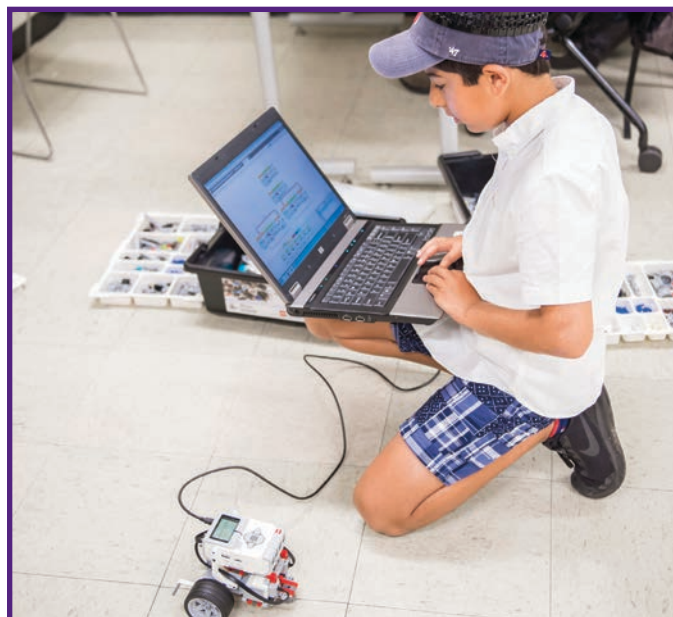
Using the versatile VEX IQ ROBOTICS kit you will build a multitude of models to explore robotics design. You will design robots to overcome different challenges including those that have been used in previous VEX IQ ROBOTICS national competitions. You will use both remote controlled and individually 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.

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

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

### Rockville Campus

CRN#: 10398 5 Sessions M T W R F  
8/14-8/18 1-4 p.m. **Ages 11-16**



## Milner Educational Consulting

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 23 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. For the first time, Summer S.L.A.M. Participants can earn 10 Student Service Learning Hours. His program has been awarded the Nancy Dworkin Award for Outstanding Service to Youth in Montgomery County. [www.milnereducationalconsulting.com](http://www.milnereducationalconsulting.com)  
[milnereducationalconsulting@gmail.com](mailto:milnereducationalconsulting@gmail.com)

## 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.

**Course: YTH144** **10 Hours**

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

### Rockville Campus

CRN#: 40583 5 Sessions M T W R F  
6/26-6/30 5-7 p.m. **Ages 11-14**

CRN#: 10449 5 Sessions M T W R F  
7/17-7/21 5-7 p.m. **Ages 11-14**

CRN#: 10451 5 Sessions M T W R F  
7/24-7/28 5-7 p.m. **Ages 11-14**

CRN#: 10454 5 Sessions M T W R F  
7/31-8/4 5-7 p.m. **Ages 11-14**

CRN#: 10442 5 Sessions M T W R F  
8/7-8/11 5-7 p.m. **Ages 14-17**

### Online: Structured Remote

CRN#: 10455 5 Sessions M T W R F  
8/14-8/18 5-7 p.m. **Ages 14-17**

CRN#: 10456 5 Sessions M T W R F  
8/21-8/25 5-7 p.m. **Ages 14-17**

## 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.**

**Course: YTH397** **30 Hours**

\$395 + \$30 fee = \$425; NMR add \$25

### Rockville Campus

CRN#: 10458	5 Sessions	M T W R F
7/31-8/4	9 a.m.-4 p.m.	<b>Ages 11-14</b>
CRN#: 10459	5 Sessions	M T W R F
8/7-8/11	9 a.m.-4 p.m.	<b>Ages 14-17</b>

## 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.**

**Course: YTH519** **37.5 Hours**

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

### Rockville Campus

CRN#: 10444	5 Sessions	M T W R F
7/17-7/21 (new)	8:30 a.m.-4 p.m.	<b>Ages 11-14</b>

Date

## 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.**

**Course: YTH521** **37.5 Hours**

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

### Rockville Campus

CRN#: 10448	5 Sessions	M T W R F
7/24-7/28	8:30 a.m.-4 p.m.	<b>Ages 11-14</b>

## 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.**

**Course: YTH520** **37.5 Hours**

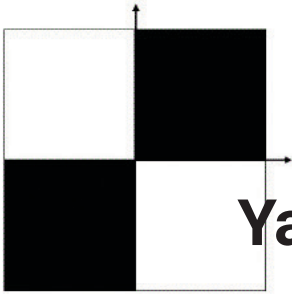
\$399 + \$60 fee = \$459; NMR add \$25

### Rockville Campus

CRN#: 40582	5 Sessions	M T W R F
6/26-6/30	8:30 a.m.-4 p.m.	<b>Ages 11-14</b>



# Yang Academy



## 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.

### 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.

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

\$199 + \$30 fee = \$229; NMR add \$25

#### Rockville Campus

CRN#: 40590	5 Sessions	M T W R F
6/26-6/30	9 a.m.-12 p.m.	<b>Ages 11-13</b>
CRN#: 10503	5 Sessions	M T W R F
7/10-7/14	9 a.m.-12 p.m.	<b>Ages 11-13</b>
CRN#: 10504	5 Sessions	M T W R F
7/17-7/21	9 a.m.-12 p.m.	<b>Ages 11-13</b>
CRN#: 10505	5 Sessions	M T W R F
7/24-7/28	9 a.m.-12 p.m.	<b>Ages 11-13</b>
CRN#: 10507	5 Sessions	M T W R F
7/31-8/4	9 a.m.-12 p.m.	<b>Ages 11-13</b>
CRN#: 10508	5 Sessions	M T W R F
8/7-8/11	9 a.m.-12 p.m.	<b>Ages 11-13</b>

### Algebra II

For students who will take Algebra II, Honors Algebra II 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**

\$199 + \$30 fee = \$229; NMR add \$25

#### Rockville Campus

CRN#: 40593	5 Sessions	M T W R F
6/26-6/30	1-4 p.m.	<b>Ages 13-15</b>
CRN#: 10522	5 Sessions	M T W R F
7/10-7/14	1-4 p.m.	<b>Ages 13-15</b>
CRN#: 10523	5 Sessions	M T W R F
7/17-7/21	1-4 p.m.	<b>Ages 13-15</b>
CRN#: 10524	5 Sessions	M T W R F
7/24-7/28	1-4 p.m.	<b>Ages 13-15</b>
CRN#: 10525	5 Sessions	M T W R F
7/31-8/4	1-4 p.m.	<b>Ages 13-15</b>
CRN#: 10526	5 Sessions	M T W R F
8/7-8/11	1-4 p.m.	<b>Ages 13-15</b>

### Algebra II and Chemistry

For students who will take algebra II and chemistry in the upcoming school year. Algebra II topics include the concept of a function, coordinate plane, straight lines, circles, parabolas, and application problems. Skills involving fractions and factoring are reinforced. Chemistry topics include unit analysis, atomic structure, periodic table of elements, chemical reactions and equations, molar relationships, and stoichiometry.

**Course: YTH533** **30 Hours**

\$500 + \$40 fee = \$540; NMR add \$25

#### Online: Structured Remote

CRN#: 10531	15 Sessions	M T W R F
7/31-8/18	5-7 p.m.	<b>Ages 14-17</b>



## 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.

**Course: YTH530** **50 Hours**

\$775 + \$74 fee = \$849; NMR add \$25

### Rockville Campus

CRN#: 10527	10 Sessions	M T W R F
7/31-8/11	9 a.m.-3 p.m.	<b>Ages 14-17</b>

## 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.

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

\$199 + \$30 fee = \$229; NMR add \$25

### Rockville Campus

CRN#: 10486	5 Sessions	M T W R F
7/17-7/21	1-4 p.m.	<b>Ages 14-17</b>

## 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.

**Course: YOU888** **15 Hours**

\$199 + \$30 fee = \$229; NMR add \$25

### Rockville Campus

CRN#: 10487	5 Sessions	M T W R F
7/24-7/28	1-4 p.m.	<b>Ages 15-17</b>

## 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**

\$199 + \$30 fee = \$229; NMR add \$25

### Rockville Campus

CRN#: 40586	5 Sessions	M T W R F
6/26-6/30	1-4 p.m.	<b>Ages 14-17</b>

## Coding for Girls

For students who are interested in learning about computer programming in general and applying Python programming language in particular. No previous experience needed. Topics covered include data types, variable types, operators, objects and classes, iteration, array, inheritance, and recursion.

**Course: YTH531** **30 Hours**

\$500 + \$40 fee = \$540; NMR add \$25

### Online: Structured Remote

CRN#: 10529	15 Sessions	M T W R F
7/10-7/28	5-7 p.m.	<b>Ages 14-15</b>

CRN#: 10528	15 Sessions	M T W R F
7/31-8/18	5-7 p.m.	<b>Ages 14-15</b>

## Creative Writing Workshop

In a relaxed environment, students tap into their creative ability, reinforce their knowledge of written English skills, and practice creative choices of vocabulary and structure through brainstorming, free-writing, and book discussions.

**Course: YOU903** **15 Hours**

\$199 + \$30 fee = \$229; NMR add \$25

### Rockville Campus

CRN#: 40587	5 Sessions	M T W R F
6/26-6/30	1-4 p.m.	<b>Ages 8-10</b>

CRN#: 10490	5 Sessions	M T W R F
7/10-7/14	1-4 p.m.	<b>Ages 11-13</b>

CRN#: 10491	5 Sessions	M T W R F
7/17-7/21	1-4 p.m.	<b>Ages 8-10</b>

CRN#: 10492	5 Sessions	M T W R F
7/24-7/28	1-4 p.m.	<b>Ages 11-13</b>

## 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!

**Course: YTH454** **15 Hours**

\$199 + \$50 fee = \$249; NMR add \$25

### Rockville Campus

CRN#: 10496	5 Sessions	M T W R F
7/10-7/14	9 a.m.-12 p.m.	<b>Ages 8-10</b>

CRN#: 10497	5 Sessions	M T W R F
7/17-7/21	9 a.m.-12 p.m.	<b>Ages 11-13</b>



## 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.

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

\$199 + \$50 fee = \$249; NMR add \$25

### Rockville Campus

CRN#: 40588	5 Sessions	M T W R F
6/26-6/30	9 a.m.-12 p.m.	<b>Ages 11-13</b>
CRN#: 10493	5 Sessions	M T W R F
7/10-7/14	9 a.m.-12 p.m.	<b>Ages 8-10</b>
CRN#: 10494	5 Sessions	M T W R F
7/17-7/21	9 a.m.-12 p.m.	<b>Ages 11-13</b>
CRN#: 10495	5 Sessions	M T W R F
7/24-7/28	9 a.m.-12 p.m.	<b>Ages 8-10</b>

## 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.

**Course: YOU880** **15 Hours**

\$199 + \$30 fee = \$229; NMR add \$25

### Rockville Campus

CRN#: 40592	5 Sessions	M T W R F
6/26-6/30	1-4 p.m.	<b>Ages 12-14</b>
CRN#: 10514	5 Sessions	M T W R F
7/10-7/14	1-4 p.m.	<b>Ages 12-14</b>
CRN#: 10515	5 Sessions	M T W R F
7/17-7/21	1-4 p.m.	<b>Ages 12-14</b>
CRN#: 10516	5 Sessions	M T W R F
7/24-7/28	1-4 p.m.	<b>Ages 12-14</b>
CRN#: 10518	5 Sessions	M T W R F
7/31-8/4	1-4 p.m.	<b>Ages 12-14</b>
CRN#: 10519	5 Sessions	M T W R F
8/7-8/11	1-4 p.m.	<b>Ages 12-14</b>

## 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**

\$199 + \$30 fee = \$229; NMR add \$25

### Rockville Campus

CRN#: 10485	5 Sessions	M T W R F
7/10-7/14	1-4 p.m.	<b>Ages 14-17</b>

## 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.

**Course: YTH375** **15 Hours**

\$199 + \$30 fee = \$229; NMR add \$25

### Rockville Campus

CRN#: 40589	5 Sessions	M T W R F
6/26-6/30	9 a.m.-12 p.m.	<b>Ages 9-12</b>
CRN#: 10498	5 Sessions	M T W R F
7/10-7/14	9 a.m.-12 p.m.	<b>Ages 9-12</b>
CRN#: 10499	5 Sessions	M T W R F
7/17-7/21	9 a.m.-12 p.m.	<b>Ages 9-12</b>
CRN#: 10500	5 Sessions	M T W R F
7/24-7/28	9 a.m.-12 p.m.	<b>Ages 9-12</b>
CRN#: 10501	5 Sessions	M T W R F
7/31-8/4	9 a.m.-12 p.m.	<b>Ages 9-12</b>
CRN#: 10502	5 Sessions	M T W R F
8/7-8/11	9 a.m.-12 p.m.	<b>Ages 9-12</b>

## Pre-Calculus

For students who will take pre-calculus, honors pre-calculus, IB Math Studies 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**

\$199 + \$30 fee = \$229; NMR add \$25

### Rockville Campus

CRN#: 10488	5 Sessions	M T W R F
7/31-8/4	1-4 p.m.	<b>Ages 14-16</b>
CRN#: 10489	5 Sessions	M T W R F
8/7-8/11	1-4 p.m.	<b>Ages 14-16</b>

## Pre-Calculus and Physics

For students who will take pre-calculus and physics in the upcoming school year. Pre-calculus topics 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. Physics topics include kinematics in one or two dimensions, motion and force, Newton's Laws of Motion, circulation motion, work and energy, and linear momentum.

**Course: YTH532** **30 Hours**

\$500 + \$40 fee = \$540; NMR add \$25

### Online: Structured Remote

CRN#: 10530	15 Sessions	M T W R F
7/10-7/28	5-7 p.m.	<b>Ages 14-17</b>

## 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!**

### Before Care for Summer Youth Programs

Course: YOU341 Monday–Friday 7–9 a.m.

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

#### Germantown Campus

CRN#: 10535 7/10–7/14  
CRN#: 10536 7/17–7/21  
CRN#: 10537 7/24–7/28

#### Rockville Campus

CRN#: 40591 6/26–6/30  
CRN#: 10506 7/10–7/14  
CRN#: 10509 7/17–7/21  
CRN#: 10510 7/24–7/28  
CRN#: 10511 7/31–8/4  
CRN#: 10512 8/7–8/11  
CRN#: 10513 8/14–8/18

#### Takoma Park/Silver Spring Campus

CRN#: 10532 7/10–7/14  
CRN#: 10533 7/17–7/21  
CRN#: 10534 7/24–7/28

Course: YOU340 Mon, Wed, Thurs, Friday 7–9 a.m.

No class 7/4

\$36 + \$20 fee = \$56; NMR add \$25

#### Germantown Campus

CRN#: 10521 7/3–7/7

#### Rockville Campus

CRN#: 10517 7/3–7/7

#### Takoma Park/Silver Spring Campus

CRN#: 10520 7/3–7/7

### After Care for Summer Youth Programs

Course: YOU339 Monday–Friday 3–6 p.m.

\$85 + \$20 fee = \$105; NMR add \$25

#### Germantown Campus

CRN#: 10636 7/10–7/14  
CRN#: 10637 7/17–7/21  
CRN#: 10638 7/24–7/28

#### Rockville Campus

CRN#: 40604 6/26–6/30  
CRN#: 10639 7/10–7/14  
CRN#: 10640 7/17–7/21  
CRN#: 10641 7/24–7/28  
CRN#: 10642 7/31–8/4  
CRN#: 10643 8/7–8/11  
CRN#: 10644 8/14–8/18

Course: YTH408 Monday–Friday 4–6 p.m.

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

#### Takoma Park/Silver Spring Campus

CRN#: 10660 7/10–7/14  
CRN#: 10661 7/17–7/21  
CRN#: 10662 7/24–7/28

Course: YOU338 Mon, Wed, Thurs, Friday 3–6 p.m.

No class 7/4

\$64 + \$20 fee = \$84; NMR add \$25

#### Germantown Campus

CRN#: 10635 7/3–7/7

#### Rockville Campus

CRN#: 10645 7/3–7/7

Course: YOU409 Mon, Wed, Thurs, Friday 4–6 p.m.

No class 7/4

\$36 + \$20 fee = \$56; NMR add \$25

#### Takoma Park/Silver Spring Campus

CRN#: 10633 7/3–7/7

## School Year Youth Programs at Montgomery College!

Providing high-quality programs 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).

## 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>.

## 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 2022) 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 yours if we need to contact the parent/guardian.
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 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 phone or 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 Transfer 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 26, 2023	By Monday, June 5
July 3, 2023	By Monday, June 12
July 10, 2023	By Monday, June 19
July 17, 2023	By Monday, June 26
July 24, 2023	By Monday, July 3
July 31, 2023	By Monday, July 10
August 7, 2023	By Monday, July 17
August 14, 2023	By Monday, July 24
August 21, 2023	By Monday, July 31

#### Transfer Policy

- If you need to transfer from one class to another, the Withdrawal/Refund policy timeline applies.
- Please contact the YouthProgramsDirector@montgomerycollege.edu with details of your request.

#### If Transfer 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 e-mail to communicate with the parents 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 WDCE Disability Support Services Office. Parents submit pertinent information via campdocs.com. After completing the appropriate information on campdocs.com, parents are to contact counselor Natalie Martinez at 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. The exception to this is for those attending an Intergenerational Program specifically designed for youth accompanied by adult(s).

## 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.**

**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 supervision for students who do not attend camps all day.** 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: Christopher Moy, Director of ADA & Title IX Compliance, Office of Compliance, Risk, and Ethics at Montgomery College, 240-567-5412

**DO NOT BRING** chewing gum, iPods, MP3 players, laptops, CD's/DVD's, electronic devices, knives, firearms, matches, lighters, or expensive cameras to the program. Cell phones are not permitted to be used in classrooms; they must be turned off or set on vibrate.

***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

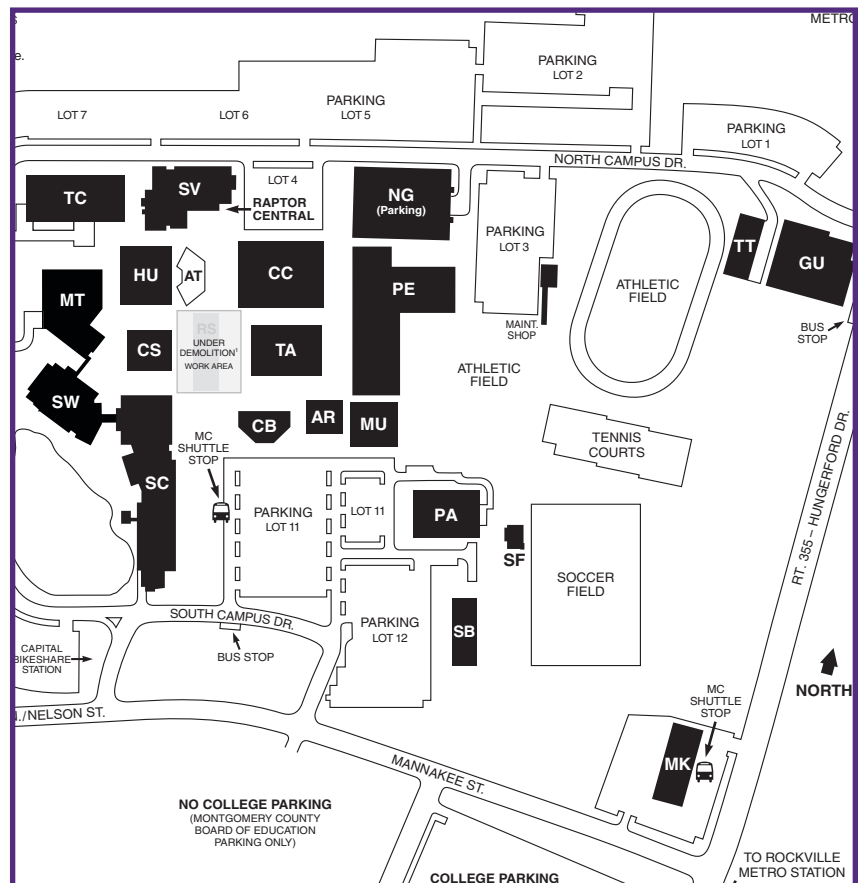
51 Mannakee Street  
Rockville, MD 20850  
240-567-5000

#### 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

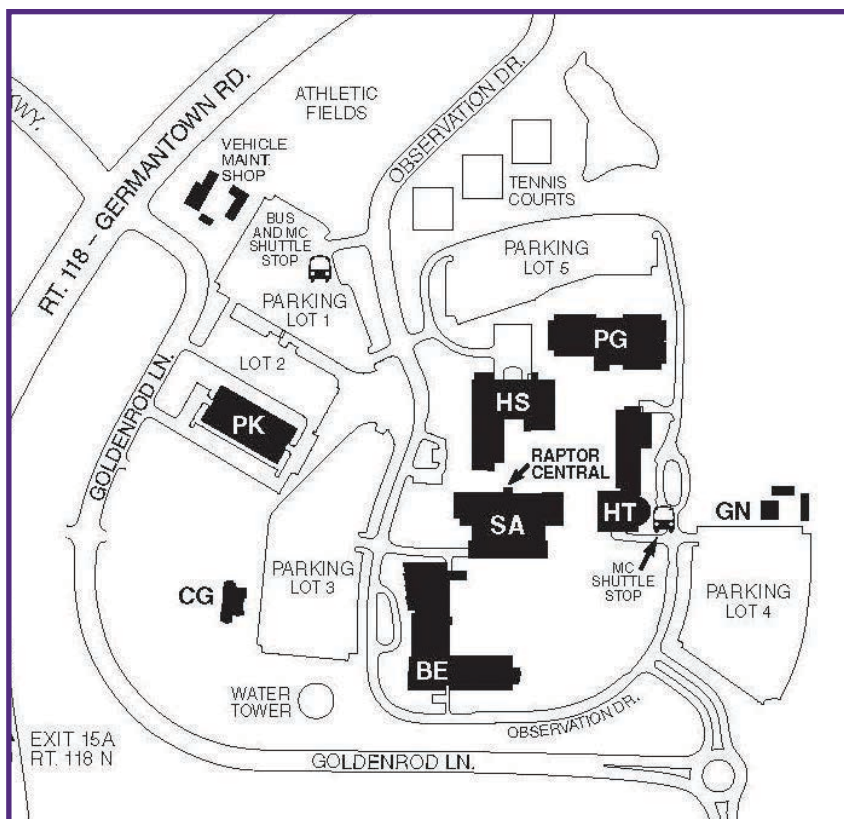
20200 Observation Drive  
Germantown, MD 20876  
240-567-7700

### 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

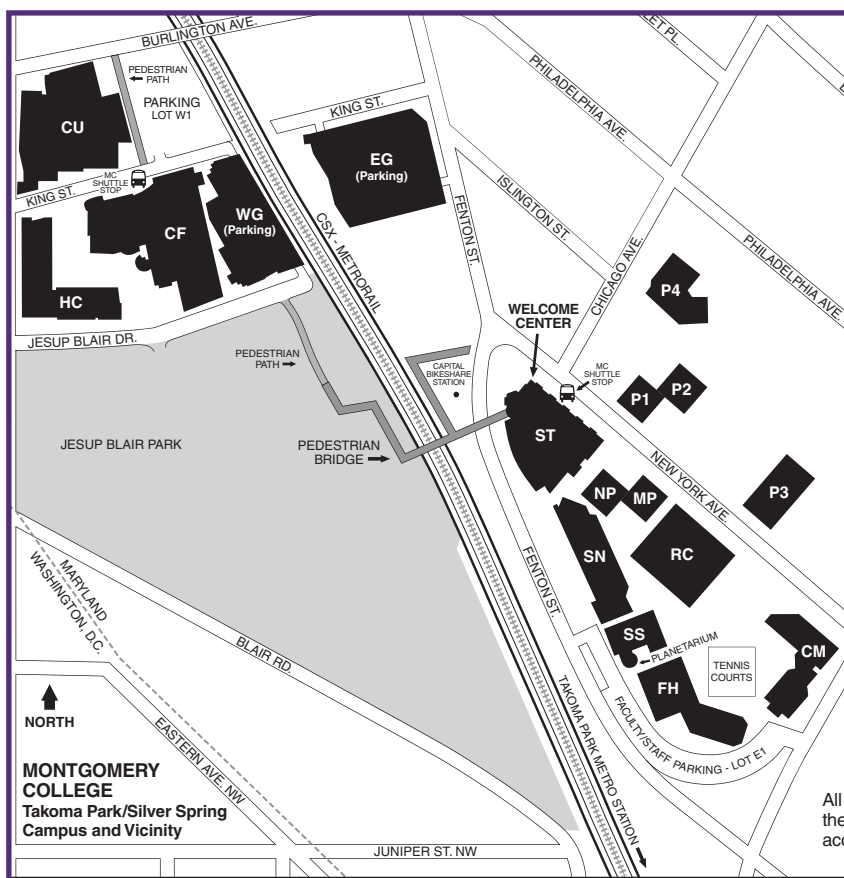
7600 Takoma Avenue  
Takoma Park, MD 20912  
240-567-1300

### 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 2023

### Youth Department

[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 2023 Youth Programs for Grades 1-12

