Summer Youth Programs

Over 200 Fun-Filled Classes for Grades K–12!

Montgomery College
Workforce Development & Continuing Education

Summer 2017 Course Schedule
Welcome to another great summer!

We are excited to have your child be a part of our fun-filled summer youth programs. Montgomery College Youth Programs provide high quality summer courses that offer a variety of fun, educational, and engaging learning activities in a safe and nurturing environment. Our program is designed to appeal to a variety of students; one does not need to have a particular talent in order to attend. All we ask is that our students come to us with a strong, sincere interest in the subject and are ready to work with enthusiasm.

From front to back, the Summer 2017 Youth Programs brochure has SEVERAL new programs!!

We have added programs such as:

- Lots of new Tiny Chefs culinary choices
- Introduction to Capoeira, an Afro-Brazilian martial art with acrobatics, dance, and more
- Career Development for High School Students
- Architectural Design: Spatial Problem Solving
- Drone Flying and Drone Games
- Reading Roundtable and other options for younger students
- Soft Circuits: Making programmable designs/wearables or stuffed toys

Also, remember that we are here to answer any questions you may have; simply call us at 240-567-7264 or 240-567-7917.

Enjoy.

Sincerely,

George Payne
Vice President
Workforce Development & Continuing Education

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

Sample Course Description:

**Course Name**

**Robotics: Let’s Go KIBO!**

Use the KIBO robotic system to learn coding, logic, loops, repeats, and conditional statements while having lots of fun. Learn what a robot is and how you can tell KIBO to make it move. How can you command KIBO to make noise, avoid obstacles, shine its light, dance, and then do it all over again? Go all out with our design challenges and write your own KIBO code. Each pair of campers will share a complete KIBO set (robots do not go home with the students).

**Course Number**

Course: YOU875

**# of Sessions**

5 Sessions

**Tuition and Fees**

$180 + $60 fee = $240; Non-Md. residents add $25

**Campus**

Rockville Campus

**CRN #**

CRN#: 12994

**Days of Week**

M,T,W,R,F

**Dates**

7/17-7/21

**Time**

1-4 p.m.

Grades and/or Ages for the course are for the 2017–2018 school year.

M = Monday   T = Tuesday   W = Wednesday   R = Thursday   F = Friday   S = Saturday   U = Sunday   GT = Gifted and Talented
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General Information

Registering Your Student
Use one form for each student...

• **Make Course Selection(s)**
  Ages/Grades listed with each course title indicate the age/grade of the student during the 2017–2018 school year.

• **Complete Registration Form**
  One per student. Be sure to include student’s MC Identification Number. If your student does not have an MC ID number, one will be assigned at registration. This will be the student’s permanent identification number at Montgomery College. You will want to keep it in a safe place.

• **Complete All Signature Lines**
  Signature of school official is REQUIRED for students enrolling in courses indicated as [GT] (*Applications cannot be processed without applicable signatures*).

• **Registrants Will Be Enrolled in the Order That Registration And Payments Are Received**
  We urge you to register as early as possible to avoid disappointment. You will receive acknowledgement of your registration via e-mail. You will receive an e-mail with important information needed to complete the registration and payment process. You will have up to 3 business days to complete the payment process. After 3 business days, if your registration payment is not complete, you will be automatically withdrawn from the class.

• **All Students Must Register a minimum of 5 business days prior to the start of the class. Do Not Attend Class If You Have Not Registered In Advance.**

• **Classes Will Be Cancelled If They Are Under-Enrolled.**

4 Ways to Register

• **Web:** [http://www.montgomerycollege.edu/wdce/youth.html](http://www.montgomerycollege.edu/wdce/youth.html). There is a new two-step process for web registrations. Look for registration link under the program area.

• **Fax:** Summer Programs: 240-567-7548. *Please include your credit card payment information.*

• **Mail:** Mail form(s) and full payment to: Montgomery College, Workforce Development & Continuing Education, Summer Programs, 51 Mannakee Street, CC220, Rockville, MD 20850. Please make all checks payable to Montgomery College. Visa, MasterCard, and Discover are also accepted for payment.

• **Walk–in:** Registration(s) must be brought to the Campus Center building, Rockville Campus, Room 220.

Cancellation Policy
Courses may be cancelled due to under-enrollment at least 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).

Scholarships
Pending funding, a limited number of partial scholarships may be available for Montgomery County students who qualify for free or reduced lunch. *Scholarship application deadline: May 20, 2017. No scholarship applications will be accepted after May 20, 2017.* Submission of a scholarship application does not guarantee that scholarship funds will be granted. *Scholarships are awarded on a first come, first served basis.* To apply for a scholarship, complete the registration form, and attach a copy of the free or reduced meals eligibility form or a copy of your current income tax form showing total family income. Mail these forms along with a check or credit card information for the amount of the fee. *Scholarships are awarded for the amount of the TUITION ONLY for ONE COURSE PER STUDENT.* Fees must be paid and must accompany your registration form. Call 240-567-7264 for more information.
**Class Transfer and/or Refund Policy: Youth Programs Only**

**Notice:** New Summer Youth Transfer or Withdrawal Policies! Be advised that there have been substantial changes to our refund policies for withdrawing / transferring students from a Youth Programs course / camp within 32 days of the start date of the class. These Youth refund policies differ from and supercede refund policies for all other non-Youth classes. For a complete listing of the transfer and drop/withdrawal policy and important dates visit: [http://cms.montgomerycollege.edu/wdce/summeryouthrefunds.html](http://cms.montgomerycollege.edu/wdce/summeryouthrefunds.html)

**Transfer Requests**
Transfer requests must be submitted in writing and received by the dates indicated online. The fees for transfer are as follows:

- First transfer is done without charge if received no later than 12 p.m. at least two weeks before the Friday preceding the start of the class.
- Second and each additional transfer will be charged $20.00 if received by 12 p.m., at least two weeks before the Friday preceding the start of the class.
- No transfers will be permitted after 12 p.m., less than two weeks before the Friday preceding the start of the class unless the class is cancelled by Montgomery College.

**Drop / Withdrawal Requests**
Drop Class / Withdrawal request must be submitted in writing and received by the dates indicated online. The fees for drop / withdrawal are as follows:

- Any withdrawal request received by noon at least four weeks before the Friday preceding the start date of the class will receive a full refund.
- Any drop / withdrawal request received by 12 p.m., less than four and at least three weeks before the Friday preceding the start of the class, will receive a full refund minus $75.00.
- Any drop / withdrawal request received by 12 p.m., less than three and at least two weeks before the Friday preceding the start of the class, will receive a refund of 50% of the camp cost or $75.00 whichever is greater.
- No refunds will be given for any drop / withdrawal request after 12 p.m., less than two weeks before the Friday preceding the start of the class unless their spot is filled by another student by the start of the class. (Filled is defined as registered and payment confirmation issued.)

**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 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.

**Communications**
Youth Programs often 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. Parents without an e-mail address will receive information by phone and/or mail.

**Confirmation Packet**
A confirmation packet will be sent to the families of all registered students. The packet will include a parent handbook, maps, a parent guide for the Before/After Care Program (if registered), and a parent survey form. Please return the survey you receive in your confirmation packet to us at the end of your child’s program. These surveys are instrumental in helping us develop programs that meet the needs of our community. Be sure to review the packet of information carefully so the first day of the summer program goes smoothly for you and your child.
Contributions to Our Youth Scholarship Fund
Take advantage of this easy way to make a tax-deductible contribution to the College’s Youth Scholarship Fund by writing an amount on the Registration Form. You will receive a donation receipt from the Montgomery College Foundation acknowledging your contribution. Remember your contribution helps children who would not otherwise have access to these challenging and exciting learning opportunities.

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, after you have registered, contact our WD&CE Disability Support Services counselor Natalie Martinez at natalie.martinez@montgomerycollege.edu or 240-567-4118 at least four weeks before the start of the program to inform the College of any physical disabilities or behavioral / social challenges your child has and 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).

Before and After Care
In order to accommodate parent work schedules, early morning and late afternoon supervised activities (playing games, reading books, working on arts and crafts) are available for students in grades K–8 for an additional charge. A Before and After Care Agreement form must be completed and returned to the Youth Programs Office at least five business days prior to the start of the program. If your child is registered for Before and/or After Care, college staff will escort your child to and from their classes. See schedule, page 17.

Supervised Lunch
Students should bring a bag lunch or snack. 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 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 cafeteria is also available and vending machines are located in various campus buildings (see maps starting on page 61 for campus cafeteria locations). The College cannot provide an environment free of foods containing nuts.

Drop-off and Pick-up Procedures
Please 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. 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. 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. Any exception to this policy must be approved by the Youth Department Office. In order to avoid late charges, please arrive to pick up your student at least 10 minutes prior to the end of their day.

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.
**Transportation**
Students and their parents or guardians are responsible for all transportation arrangements. Public transportation is available. Call Montgomery County Transit Information at 301-217- RIDE.

**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 instructor, 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.

**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 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.

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, lap tops, and/or any other electronic devices owned by student.*

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**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 www.montgomerycollege.edu/wdce/bits/driverimprovement.html or call 240-567-2589.
# Summer Offerings.....at a Glance

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<th>Course Name</th>
<th>Age/Grades</th>
<th>Dates</th>
<th>Days</th>
<th>Time</th>
<th>Pg.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Germantown Campus</strong></td>
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<tr>
<td>Introduction to Arduino: Building Programmable Games, Toys, or Devices</td>
<td>Grades 6–9</td>
<td>6/26–6/30</td>
<td>M–F</td>
<td>9 a.m.–3 p.m.</td>
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<tr>
<td><strong>Rockville Campus</strong></td>
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<td></td>
</tr>
<tr>
<td>Aggressive Learning I for Middle School Students</td>
<td>Grades 6–8</td>
<td>6/26–6/30</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
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</tr>
<tr>
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<td>Grades 6–8</td>
<td>6/26–6/30</td>
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<tr>
<td>App Attack! Make Your First Game App</td>
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<td>6/26–6/30</td>
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<td>9 a.m.–12 p.m.</td>
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<tr>
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<td>Grades 6–8</td>
<td>6/26–7/7</td>
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<td>9 a.m.–3 p.m.</td>
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</tr>
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<td>Creative Writing Workshop</td>
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<td>6/26–6/30</td>
<td>M–F</td>
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<tr>
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<tr>
<td>Effective Writing</td>
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<td>6/26–6/30</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
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<tr>
<td>Elementary Engineering</td>
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<tr>
<td>Forensic Fundamentals: Biology, Chemistry, and Crime</td>
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<tr>
<td>Gurl Power</td>
<td>Girls in Grades 6–8</td>
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<td>Introduction to Capoeira</td>
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<tr>
<td>It's Up for Debate</td>
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<td>9 a.m.–12 p.m.</td>
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<td>Keyboarding for Computers</td>
<td>Grades 3–4</td>
<td>6/26–6/30</td>
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<td>9 a.m.–12 p.m.</td>
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</tr>
<tr>
<td>Keys to Algebra Success</td>
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<tr>
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<td>Grades 2–4</td>
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<tr>
<td>Minecraft Designers</td>
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<tr>
<td>Modern Etiquette and Manners</td>
<td>Girls in Grades 3–5</td>
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<td>9 a.m.–12 p.m.</td>
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<tr>
<td>Modern Etiquette and Manners</td>
<td>Boys in Grades 3–5</td>
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<tr>
<td>Pre-Algebra</td>
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<tr>
<td>SAT/ACT Writing: Multiple Choice and Essay Skills</td>
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<tr>
<td>SOS for Middle School Students</td>
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*GT=Gifted and Talented*
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<tr>
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**Takoma Park/Silver Spring Campus**

| Joy of Art: Graphic Arts | Ages 10–16 | 6/26–6/30 | M–F | 9 a.m.–3 p.m. | 34 |

**Classes Beginning the Week of July 3**

**Germantown Campus**

| 3-2-1 Blast-Off! | Grades 2–6 | 7/3–7/7 | M,W,R,F | 9 a.m.–3 p.m. | 35 |
| JAVA Programming Introduction | Grades 9–12 GT | 7/3–7/14 | M–F | 9 a.m.–12 p.m. | 50 |
| Soft Circuits: Making Programmable Designs/ Wearables or Stuffed Toys | Grades 6–9 | 7/3–7/7 | M,W,R,F | 9 a.m.–3 p.m. | 53 |

**Rockville Campus**

| Books for Cooks | Ages 7–9 | 7/3–7/7 | M,W,R,F | 1–4 p.m. | 38 |
| Chemistry (Big Learning) | Grades 5–6 | 7/3–7/7 | M,W,R,F | 9 a.m.–12 p.m. | 19 |
| Circuit Fundamentals and Creation | Ages 11–16 | 7/3–7/7 | M,W,R,F | 1–4 p.m. | 32 |
| Computer Animation with Adobe Flash | Grades 6–8 GT | 7/3–7/7 | M,W,R,F | 9 a.m.–12 p.m. | 46 |
| Digital Graphics Arts with Adobe Photoshop and Illustrator | Grades 6–8 GT | 7/3–7/7 | M,W,R,F | 1–4 p.m. | 47 |
| Dive Into Summer Writing | Grades 1–3 | 7/3–7/7 | M,W,R,F | 9 a.m.–12 p.m. | 47 |
| Explore the Magic of Reading, Writing, and Technology | Grades 4–5 | 7/3–7/7 | M,W,R,F | 1–4 p.m. | 448 |
| Make Your First Video Game | Ages 8–10 | 7/3–7/7 | M,W,R,F | 9 a.m.–12 p.m. | 22 |
| Make Your First Video Game | Ages 11–14 | 7/3–7/7 | M,W,R,F | 1–4 p.m. | 22 |
| Mastering Writing Techniques | Grades 4–5 | 7/3–7/7 | M,W,R,F | 1–4 p.m. | 51 |
| Red Hot Robots | Grades 2–6 | 7/3–7/7 | M,W,R,F | 9 a.m.–3 p.m. | 36 |
| Robotics with Mindstorm | Ages 11–14 | 7/3–7/7 | M,W,R,F | 9 a.m.–12 p.m. | 33 |

**Classes Beginning the Week of July 10**

**Germantown Campus**

| Red Hot Robots | Grades 2–6 | 7/10–7/14 | M–F | 9 a.m.–3 p.m. | 36 |

**Rockville Campus**

<p>| A Sticky Situation: Duct Tape Art | Grades 4–6 | 7/10–7/14 | M–F | 9 a.m.–12 p.m. | 44 |
| Algebra I | Grades 6–8 | 7/10–7/14 | M–F | 9 a.m.–12 p.m. | 40 |
| Algebra II | Grades 8–10 | 7/10–7/14 | M–F | 1–4 p.m. | 40 |
| All About Technology | Ages 7–10 | 7/10–7/14 | M–F | 1–4 p.m. | 32 |
| Architectural Design-Spatial Problem Solving | Grades 9–12 | 7/10–7/14 | M–F | 1–4 p.m. | 44 |
| Architecture and Engineering: You Can Build It! | Grades 2–4 | 7/10–7/14 | M–F | 1–4 p.m. | 18 |
| Architecture Through Google-Sketch-Up's CAD Design | Grades 5–8 | 7/10–7/14 | M–F | 9 a.m.–12 p.m. | 44 |
| Big Brains Machine Shop | Ages 6–8 | 7/10–7/14 | M–F | 9 a.m.–12 p.m. | 30 |
| Build Your Own Habitat! | Grades 2–4 | 7/10–7/14 | M–F | 9 a.m.–12 p.m. | 40 |</p>
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<th>Class Name</th>
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<th>End Date</th>
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<td>F</td>
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<td>Chinese Language and Culture</td>
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<tr>
<td>Computer Animation with Adobe Flash</td>
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<td>Creative Design and Robotics</td>
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<tr>
<td>Creative Design and Robotics</td>
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<tr>
<td>Creative Writing Workshop</td>
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<td>M–F</td>
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<td>Digital Fab Lab Camp</td>
<td>Grades 6–8 GT</td>
<td>7/10–7/14</td>
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<td>M–F</td>
<td>9 a.m.–3 p.m.</td>
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<tr>
<td>Digital Game Design and Creation 1</td>
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<td>7/10–7/14</td>
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<tr>
<td>Electronics: Design and Innovation Lab</td>
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<td>Grades K–4</td>
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<tr>
<td>Intermediate Engineering and Robotics</td>
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<tr>
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<td>Making 3D Models</td>
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<td>Master Your Presentations</td>
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<td>M–F</td>
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<tr>
<td>Minecraft Modders</td>
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<tr>
<td>Minecraft Modders</td>
<td>Ages 11–14</td>
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<tr>
<td>Modern Etiquette and Manners</td>
<td>Girls in Grades 6–9</td>
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<td>M–F</td>
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<tr>
<td>Modern Etiquette and Manners</td>
<td>Boys in Grades 6–9</td>
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<tr>
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<tr>
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<tr>
<td>Spectacular Sculpture: Plaster, Clay, and Wire, Oh My!</td>
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<td>M–F</td>
<td>1–4 p.m.</td>
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<tr>
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<td>M–F</td>
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**Germantown Campus**

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<td>M–F</td>
<td>9 a.m.–1 p.m.</td>
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**Rockville Campus**

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<tr>
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<td>9 a.m.–12 p.m.</td>
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<tr>
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<td>Grades/ Ages</td>
<td>Dates</td>
<td>Days</td>
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<tr>
<td>Chemistry (Big Learning)</td>
<td>Grades 5–6</td>
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<td>Digital Game Design and Creation 1</td>
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<td>Industrial Arts: Model Making and Casting Lab</td>
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<td>Legal Eagles I: Trial by Jury</td>
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<td>LEGO® Films and Stop Action!</td>
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<td>Girls in Grades 10–12</td>
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<td>Modern Etiquette and Manners</td>
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<td>7/17–7/21</td>
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<td>Pre-Algebra</td>
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<td>Robotics with Mindstorm</td>
<td>Ages 11–14</td>
<td>7/17–7/21</td>
<td>M–F</td>
<td>1–4 p.m.</td>
<td>33</td>
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<tr>
<td>Robotics: Let's Go KIBO!</td>
<td>Grades 1–2</td>
<td>7/17–7/21</td>
<td>M–F</td>
<td>1–4 p.m.</td>
<td>19</td>
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<tr>
<td>Secret Agent Lab</td>
<td>Grades 1–6</td>
<td>7/17–7/21</td>
<td>M–F</td>
<td>9 a.m.–3 p.m.</td>
<td>36</td>
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<tr>
<td>SOS for High School Students</td>
<td>Grades 9–12</td>
<td>7/17–7/28</td>
<td>M–F</td>
<td>5–7 p.m.</td>
<td>27</td>
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<tr>
<td>Star Wars Stop Animation</td>
<td>Ages 8–10</td>
<td>7/17–7/21</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>23</td>
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<tr>
<td>Stories by LEGO® Builders</td>
<td>Grades 2–4</td>
<td>7/17–7/21</td>
<td>M–F</td>
<td>1–4 p.m.</td>
<td>43</td>
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<tr>
<td>Ultimate Drone Games: Speed, Skill, and Acrobatics</td>
<td>Ages 9–13</td>
<td>7/17–7/21</td>
<td>M–F</td>
<td>9 a.m.–3 p.m.</td>
<td>28</td>
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<tr>
<td>Vector Skills Development</td>
<td>Grades 7–9</td>
<td>7/17–7/21</td>
<td>M–F</td>
<td>1–4 p.m.</td>
<td>54</td>
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<tr>
<td>Video Game Animation</td>
<td>Ages 11–14</td>
<td>7/17–7/21</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
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<td>Video Game Animation</td>
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<td>M–F</td>
<td>1–4 p.m.</td>
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**Takoma Park/Silver Spring Campus**

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<tr>
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<th>Dates</th>
<th>Days</th>
<th>Time</th>
<th>Fee</th>
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<tr>
<td>Joy of Art: 60s and 70s in Art and Music</td>
<td>Grades 1–6</td>
<td>7/17–7/21</td>
<td>M–F</td>
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<td>Science in Motion!</td>
<td>Grades 1–6</td>
<td>7/17–7/21</td>
<td>M–F</td>
<td>9 a.m.–3 p.m.</td>
<td>36</td>
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## Classes Beginning the Week of July 24

### Rockville Campus

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<tr>
<th>Class</th>
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<tr>
<td>3-2-1 Blast-Off!</td>
<td>Grades 2–6</td>
<td>7/24–7/28</td>
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<tr>
<td>Algebra I</td>
<td>Grades 6–8</td>
<td>7/24–7/28</td>
<td>M–F</td>
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<td>Algebra II</td>
<td>Grades 8–10</td>
<td>7/24–7/28</td>
<td>M–F</td>
<td>1–4 p.m.</td>
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<td>App Adventures! The Next Level</td>
<td>Ages 11–14</td>
<td>7/24–7/28</td>
<td>M–F</td>
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<td>App Adventures! The Next Level</td>
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<td>7/24–7/28</td>
<td>M–F</td>
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<td>Architectural Design—Spatial Problem Solving</td>
<td>Grades 9–12</td>
<td>7/24–7/28</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
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<td>Architecture and Engineering: You Can Build It!</td>
<td>Grades 2–4</td>
<td>7/24–7/28</td>
<td>M–F</td>
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<tr>
<td>Architecture Through Google-Sketch-Up's CAD Design</td>
<td>Grades 5–8</td>
<td>7/24–7/28</td>
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<td>9 a.m.–12 p.m.</td>
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<td>Baking &quot;Boot Camp&quot;</td>
<td>Ages 8–10</td>
<td>7/24–7/28</td>
<td>M–F</td>
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<tr>
<td>Cardboard Arcade Invention Lab</td>
<td>Ages 8–11</td>
<td>7/24–7/28</td>
<td>M–F</td>
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<td>Career Development for High School Students</td>
<td>Grades 10–12</td>
<td>7/24–7/28</td>
<td>M–F</td>
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<td>Chinese Language and Culture</td>
<td>Grades 2–4</td>
<td>7/24–7/28</td>
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<tr>
<td>Computer Animation with Adobe Flash</td>
<td>Grades 6–8 GT</td>
<td>7/24–7/28</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
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<tr>
<td>Creative Writing Workshop</td>
<td>Grade 7</td>
<td>7/24–7/28</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
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<td>Digital Graphics Arts with Adobe Photoshop and Illustrator</td>
<td>Grades 6–8 GT</td>
<td>7/24–7/28</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
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<tr>
<td>Drone Flying: Search and Rescue</td>
<td>Ages 9–13</td>
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<td>Electric Art and Engineering Studio</td>
<td>Ages 8–11</td>
<td>7/24–7/28</td>
<td>M–F</td>
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<td>Elementary Engineering</td>
<td>Ages 7–10</td>
<td>7/24–7/28</td>
<td>M–F</td>
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<tr>
<td>It's a Museum City!</td>
<td>Ages 8–12</td>
<td>7/24–7/28</td>
<td>M–F</td>
<td>9 a.m.–4 p.m.</td>
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<tr>
<td>Maker Labs: Make Your First 3D Creation</td>
<td>Ages 8–10</td>
<td>7/24–7/28</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
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<tr>
<td>Maker Labs: Make Your First 3D Creation</td>
<td>Ages 11–14</td>
<td>7/24–7/28</td>
<td>M–F</td>
<td>1–4 p.m.</td>
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<tr>
<td>Math Games, Puzzles, and Skills</td>
<td>Enter. Grades 2–4</td>
<td>7/24–7/28</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
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<tr>
<td>Reading Adventures</td>
<td>Grades 1–3</td>
<td>7/24–7/28</td>
<td>M–F</td>
<td>1–4 p.m.</td>
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<tr>
<td>Rockets and Robotics</td>
<td>Ages 7–10</td>
<td>7/24–7/28</td>
<td>M–F</td>
<td>1–4 p.m.</td>
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<tr>
<td>Super Software Mania</td>
<td>Grades 5–6</td>
<td>7/24–7/28</td>
<td>M–F</td>
<td>9 a.m.–3 p.m.</td>
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### Takoma Park/Silver Spring Campus

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<tr>
<th>Class</th>
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<th>Time</th>
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<tr>
<td>Joy of Art: Who's Your Dada? Early 20th Century Art</td>
<td>Grades 1–6</td>
<td>7/24–7/28</td>
<td>M–F</td>
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<tr>
<td>Secret Agent Lab</td>
<td>Grades 1–6</td>
<td>7/24–7/28</td>
<td>M–F</td>
<td>9 a.m.–3 p.m.</td>
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### Germantown Campus

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<tr>
<td>STEM FUNdamentals and JEDI Engineering with LEGO®</td>
<td>Ages 6–9</td>
<td>M–F</td>
<td>9 a.m.–4 p.m.</td>
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### Rockville Campus

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<tr>
<td>Advanced Robotics with Mindstorm</td>
<td>Ages 11–14</td>
<td>7/31–8/4</td>
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<td>Aggressive Learning I for High School Students</td>
<td>Grades 9–12</td>
<td>7/31–8/11</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
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<td>Aggressive Learning II for High School Students</td>
<td>Grades 9–12</td>
<td>7/31–8/11</td>
<td>M–F</td>
<td>1–4 p.m.</td>
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<tr>
<td>Build Your Own Habitat!</td>
<td>Grades 2–4</td>
<td>7/31–8/4</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
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<td>Chemistry (Big Learning)</td>
<td>Grades 5–6</td>
<td>7/31–8/4</td>
<td>M–F</td>
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<tr>
<td>College Bound High School Students</td>
<td>Grades 9–12</td>
<td>7/31–8/4</td>
<td>M–F</td>
<td>9 a.m.–3 p.m.</td>
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<tr>
<td>Computers 101: How They Work and How They Are Built</td>
<td>Ages 10–16</td>
<td>7/31–8/4</td>
<td>M–F</td>
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<tr>
<td>Creative Speaking and Writing</td>
<td>Grades 4–5</td>
<td>7/31–8/4</td>
<td>M–F</td>
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<tr>
<td>Creative Writing Workshop</td>
<td>Grade 8</td>
<td>7/31–8/4</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
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<td>Dips and Donuts</td>
<td>Ages 5–7</td>
<td>7/31–8/4</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
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<tr>
<td>Dips and Donuts</td>
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<td>7/31–8/4</td>
<td>M–F</td>
<td>1–4 p.m.</td>
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<tr>
<td>Dot, Dot Georges Seurat!</td>
<td>Grades 2–5</td>
<td>7/31–8/4</td>
<td>M–F</td>
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<td>Geometry</td>
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<td>1–4 p.m.</td>
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<td>Hands on Art History: I Can Do That Too!</td>
<td>Grades 5–8</td>
<td>7/31–8/4</td>
<td>M–F</td>
<td>1–4 p.m.</td>
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<tr>
<td>Keys to Algebra Success</td>
<td>Grades 7–9</td>
<td>7/31–8/11</td>
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<td>9 a.m.–12 p.m.</td>
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<td>Legal Eagles I: Trial by Jury</td>
<td>Grades 7–9</td>
<td>7/31–8/4</td>
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<td>Make Your First 3D Video Game</td>
<td>Ages 11–14</td>
<td>7/31–8/4</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
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<td>Make Your First 3D Video Game</td>
<td>Ages 8–10</td>
<td>7/31–8/4</td>
<td>M–F</td>
<td>1–4 p.m.</td>
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<td>Minecraft Animators</td>
<td>Ages 8–10</td>
<td>7/31–8/4</td>
<td>M–F</td>
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<td>Minecraft Animators</td>
<td>Ages 11–14</td>
<td>7/31–8/4</td>
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<td>1–4 p.m.</td>
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<td>Mysteries in History</td>
<td>Grades 6–8</td>
<td>7/31–8/4</td>
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<td>Planes, Trains, and Automobiles</td>
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<td>Pre-Algebra</td>
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<td>SAT Subject Test Preparation/Mathematics</td>
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<td>7/31–8/4</td>
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<td>SOS for High School Students</td>
<td>Grades 9–12</td>
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<td>Stories by LEGO® Builders</td>
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<td>The Science of Art</td>
<td>Grades 6–8</td>
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<td>Theatre Arts and Design</td>
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<td>7/31–8/4</td>
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<tr>
<td>Web Design for Boys and Girls</td>
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<td>Woodshop: Basics to Boxes</td>
<td>Ages 8–11</td>
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<tr>
<td>Woodshop: Fundamentals to Furniture</td>
<td>Ages 12–15</td>
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<tr>
<td>Writing Games and Digital Stories in the New ALICE</td>
<td>Grades 7–9 GT</td>
<td>7/31–8/4</td>
<td>M–F</td>
<td>1–4 p.m.</td>
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**Takoma Park/Silver Spring Campus**

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<tr>
<td>Joy of Art: Art of the American Heartland</td>
<td>Grades 1–6</td>
<td>7/31–8/4</td>
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<td>9 a.m.–3 p.m.</td>
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<td>Science Mysteries</td>
<td>Grades 1–6</td>
<td>7/31–8/4</td>
<td>M–F</td>
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<td><strong>Rockville Campus</strong></td>
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<tr>
<td><strong>Adventures in Electricity</strong></td>
<td>Grades 6–8</td>
<td>8/7–8/11</td>
<td>M–F</td>
<td>1–4 p.m.</td>
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<tr>
<td><strong>Algebra I</strong></td>
<td>Grades 6–8</td>
<td>8/7–8/11</td>
<td>M–F</td>
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<td>Grades 8–10</td>
<td>8/7–8/11</td>
<td>M–F</td>
<td>1–4 p.m.</td>
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<tr>
<td><strong>Architecture Through Google-Sketch-Up’s CAD Design</strong></td>
<td>Grades 5–8</td>
<td>8/7–8/11</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
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<tr>
<td><strong>Big Brains Machine Shop</strong></td>
<td>Ages 6–8</td>
<td>8/7–8/11</td>
<td>M–F</td>
<td>1–4 p.m.</td>
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<tr>
<td><strong>Biology</strong></td>
<td>Grades 9–12</td>
<td>8/7–8/11</td>
<td>M–F</td>
<td>1–4 p.m.</td>
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<td><strong>Books for Cooks</strong></td>
<td>Ages 5–7</td>
<td>8/7–8/11</td>
<td>M–F</td>
<td>1–4 p.m.</td>
<td>38</td>
</tr>
<tr>
<td><strong>Cartooning, Comics, and Manga</strong></td>
<td>Grades 5–8</td>
<td>8/7–8/11</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>45</td>
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<tr>
<td><strong>Chin Up, Girl!</strong></td>
<td>Grades 6–8</td>
<td>8/7–8/11</td>
<td>M–F</td>
<td>1–4 p.m.</td>
<td>45</td>
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<tr>
<td><strong>Circuit Fundamentals and Creation</strong></td>
<td>Ages 11–16</td>
<td>8/7–8/11</td>
<td>M–F</td>
<td>1–4 p.m.</td>
<td>32</td>
</tr>
<tr>
<td><strong>Circus Camp</strong></td>
<td>Ages 9–14</td>
<td>8/7–8/11</td>
<td>M–F</td>
<td>9 a.m.–3 p.m.</td>
<td>25</td>
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<tr>
<td><strong>Code Breakers</strong></td>
<td>Ages 11–14</td>
<td>8/7–8/11</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>21</td>
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<tr>
<td><strong>Code Breakers</strong></td>
<td>Ages 8–10</td>
<td>8/7–8/11</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>21</td>
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<tr>
<td><strong>Computer Animation with Adobe Flash</strong></td>
<td>Grades 6–8 GT</td>
<td>8/7–8/11</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>46</td>
</tr>
<tr>
<td><strong>Creative Speaking and Writing</strong></td>
<td>Grades 6–8</td>
<td>8/7–8/18</td>
<td>M–F</td>
<td>9 a.m.–3 p.m.</td>
<td>46</td>
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<tr>
<td><strong>Creative Writing Workshop</strong></td>
<td>Grade 4</td>
<td>8/7–8/11</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>41</td>
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<tr>
<td><strong>Digital Game Design and Creation 1</strong></td>
<td>Grades 6–8 GT</td>
<td>8/7–8/11</td>
<td>M–F</td>
<td>1–4 p.m.</td>
<td>47</td>
</tr>
<tr>
<td><strong>Electronics: Design and Innovation Lab</strong></td>
<td>Ages 12–15</td>
<td>8/7–8/11</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>30</td>
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<tr>
<td><strong>Elementary Engineering</strong></td>
<td>Ages 7–10</td>
<td>8/7–8/11</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>33</td>
</tr>
<tr>
<td><strong>Fantasy Drawing and Science Fiction Illustrations</strong></td>
<td>Grades 5–8</td>
<td>8/7–8/11</td>
<td>M–F</td>
<td>1–4 p.m.</td>
<td>48</td>
</tr>
<tr>
<td><strong>Keyboarding for Computers</strong></td>
<td>Grades 5–6</td>
<td>8/7–8/11</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>50</td>
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<tr>
<td><strong>Legal Eagles I: Trial by Jury</strong></td>
<td>Grades 7–9</td>
<td>8/7–8/11</td>
<td>M–F</td>
<td>1–4 p.m.</td>
<td>50</td>
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<tr>
<td><strong>Legal Eagles II: Advanced Trials</strong></td>
<td>Grades 7–10</td>
<td>8/7–8/11</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>51</td>
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<tr>
<td><strong>Presentation in Math and Science</strong></td>
<td>Grade 10</td>
<td>8/7–8/11</td>
<td>M–F</td>
<td>6–8 p.m.</td>
<td>43</td>
</tr>
<tr>
<td><strong>Reading Roundtable</strong></td>
<td>Grades 2–4</td>
<td>8/7–8/11</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>43</td>
</tr>
<tr>
<td><strong>Simple Machines and Forces</strong></td>
<td>Grades 4–5</td>
<td>8/7–8/11</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>19</td>
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<tr>
<td><strong>Statistics</strong></td>
<td>Grades 11–12</td>
<td>8/7–8/11</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>43</td>
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<tr>
<td><strong>Virtual Reality: The Future is Now!</strong></td>
<td>Ages 8–10</td>
<td>8/7–8/11</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>24</td>
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<tr>
<td><strong>Virtual Reality: The Future is Now!</strong></td>
<td>Ages 11–14</td>
<td>8/7–8/11</td>
<td>M–F</td>
<td>1–4 p.m.</td>
<td>24</td>
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<table>
<thead>
<tr>
<th><strong>Takoma Park/Silver Spring Campus</strong></th>
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<tbody>
<tr>
<td><strong>Introduction to Sewing</strong></td>
<td>Ages 9–16</td>
<td>8/7–8/11</td>
<td>M–F</td>
<td>9 a.m.–3 p.m.</td>
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<tr>
<td>Course</td>
<td>Grades</td>
<td>Dates</td>
<td>Times</td>
<td>Fee</td>
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<tr>
<td>----------------------------------------------------------------------</td>
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</tr>
<tr>
<td>Adventures in Electricity</td>
<td>Grades 6–8</td>
<td>8/14–8/18</td>
<td>M–F 9 a.m.–12 p.m.</td>
<td>18</td>
</tr>
<tr>
<td>Calculus</td>
<td>Grades 10–12</td>
<td>8/14–8/18</td>
<td>M–F 9 a.m.–12 p.m.</td>
<td>41</td>
</tr>
<tr>
<td>Cartooning, Comics, and Manga</td>
<td>Grades 5–8</td>
<td>8/14–8/18</td>
<td>M–F 9 a.m.–12 p.m.</td>
<td>45</td>
</tr>
<tr>
<td>Chemistry (Yang Academy)</td>
<td>Grades 9–12</td>
<td>8/14–8/18</td>
<td>M–F 9 a.m.–12 p.m.</td>
<td>41</td>
</tr>
<tr>
<td>Circus Camp</td>
<td>Ages 9–14</td>
<td>8/14–8/18</td>
<td>M–F 9 a.m.–3 p.m.</td>
<td>25</td>
</tr>
<tr>
<td>Computers 101: How They Work and How They Are Built</td>
<td>Ages 10–16</td>
<td>8/14–8/18</td>
<td>M–F 1–4 p.m.</td>
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<tr>
<td>Creative Writing Workshop</td>
<td>Grade 5</td>
<td>8/14–8/18</td>
<td>M–F 9 a.m.–12 p.m.</td>
<td>41</td>
</tr>
<tr>
<td>Digital Game Design and Creation 1</td>
<td>Grades 6–8 GT</td>
<td>8/14–8/18</td>
<td>M–F 1–4 p.m.</td>
<td>47</td>
</tr>
<tr>
<td>Digital Graphics Arts with Adobe Photoshop and Illustrator</td>
<td>Grades 6–8 GT</td>
<td>8/14–8/18</td>
<td>M–F 9 a.m.–12 p.m.</td>
<td>47</td>
</tr>
<tr>
<td>Dot, Dot Georges Seurat!!</td>
<td>Grades 2–5</td>
<td>8/14–8/18</td>
<td>M–F 9 a.m.–12 p.m.</td>
<td>47</td>
</tr>
<tr>
<td>Fantasy Drawing and Science Fiction Illustrations</td>
<td>Grades 5–8</td>
<td>8/14–8/18</td>
<td>M–F 1–4 p.m.</td>
<td>48</td>
</tr>
<tr>
<td>Game Labs: Collaborate—Create—Compete in the Ultimate Video Game Experience</td>
<td>Ages 8–10</td>
<td>8/14–8/18</td>
<td>M–F 9 a.m.–12 p.m.</td>
<td>21</td>
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<tr>
<td>Game Labs: Collaborate—Create—Compete in the Ultimate Video Game Experience</td>
<td>Ages 11–14</td>
<td>8/14–8/18</td>
<td>M–F 1–4 p.m.</td>
<td>21</td>
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<tr>
<td>Geometry</td>
<td>Grades 7–9</td>
<td>8/14–8/18</td>
<td>M–F 1–4 p.m.</td>
<td>41</td>
</tr>
<tr>
<td>Hands on Art History: I Can Do That Too!</td>
<td>Grades 5–8</td>
<td>8/14–8/18</td>
<td>M–F 1–4 p.m.</td>
<td>49</td>
</tr>
<tr>
<td>Industrial Arts: Construction Lab</td>
<td>Ages 6–8</td>
<td>8/14–8/18</td>
<td>M–F 1–4 p.m.</td>
<td>31</td>
</tr>
<tr>
<td>Industrial Arts: Model Making and Casting Lab</td>
<td>Ages 12–15</td>
<td>8/14–8/18</td>
<td>M–F 9 a.m.–12 p.m.</td>
<td>31</td>
</tr>
<tr>
<td>Intro to STEM with LEGO®</td>
<td>Ages 5–7</td>
<td>8/14–8/18</td>
<td>M–F 9 a.m.–12 p.m.</td>
<td>37</td>
</tr>
<tr>
<td>LEGO® Comics: Design Your Own Adventure!</td>
<td>Ages 11–14</td>
<td>8/14–8/18</td>
<td>M–F 9 a.m.–12 p.m.</td>
<td>21</td>
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<tr>
<td>LEGO® Comics: Design Your Own Adventure!</td>
<td>Ages 8–10</td>
<td>8/14–8/18</td>
<td>M–F 1–4 p.m.</td>
<td>21</td>
</tr>
<tr>
<td>Math Games, Puzzles, and Skills</td>
<td>Grades 2–4</td>
<td>8/14–8/18</td>
<td>M–F 9 a.m.–12 p.m.</td>
<td>42</td>
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<tr>
<td>Physics</td>
<td>Grades 9–12</td>
<td>8/14–8/18</td>
<td>M–F 1–4 p.m.</td>
<td>42</td>
</tr>
<tr>
<td>Planes, Trains, and Automobiles</td>
<td>Grades 4–6</td>
<td>8/14–8/18</td>
<td>M–F 9 a.m.–12 p.m.</td>
<td>19</td>
</tr>
<tr>
<td>Pre-Algebra</td>
<td>Grades 5–7</td>
<td>8/14–8/18</td>
<td>M–F 9 a.m.–12 p.m.</td>
<td>42</td>
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<tr>
<td>Pre-Calculus</td>
<td>Grades 9–11</td>
<td>8/14–8/18</td>
<td>M–F 1–4 p.m.</td>
<td>42</td>
</tr>
<tr>
<td>Reading Roundtable</td>
<td>Grades 2–4</td>
<td>8/14–8/18</td>
<td>M–F 1–4 p.m.</td>
<td>43</td>
</tr>
<tr>
<td>Robotics with Mindstorm</td>
<td>Ages 11–14</td>
<td>8/14–8/18</td>
<td>M–F 9 a.m.–12 p.m.</td>
<td>33</td>
</tr>
<tr>
<td>Simple Machines and Forces</td>
<td>Grades 4–5</td>
<td>8/14–8/18</td>
<td>M–F 1–4 p.m.</td>
<td>19</td>
</tr>
<tr>
<td>SOS for High School Students</td>
<td>Grades 9–12</td>
<td>8/14–8/18</td>
<td>M–F 5–7 p.m.</td>
<td>27</td>
</tr>
<tr>
<td>STEM Challenge with LEGO®</td>
<td>Ages 7–12</td>
<td>8/14–8/18</td>
<td>M–F 1–4 p.m.</td>
<td>37</td>
</tr>
<tr>
<td>Summer S.L.A.M.</td>
<td>Grades 6–8</td>
<td>8/14–8/18</td>
<td>M–F 9 a.m.–4 p.m.</td>
<td>27</td>
</tr>
<tr>
<td>The Science of Art</td>
<td>Grades 6–8</td>
<td>8/14–8/18</td>
<td>M–F 1–4 p.m.</td>
<td>18</td>
</tr>
<tr>
<td>Whose Line Is It Anyway?</td>
<td>Grades 5–8</td>
<td>8/14–8/18</td>
<td>M–F 1–4 p.m.</td>
<td>54</td>
</tr>
</tbody>
</table>
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. **SPACE IS LIMITED!** Applications will be accepted on a first come, first served basis.

*Parents must complete the Before and After Care Agreement form on pages 57–58.*

### Before Care

<table>
<thead>
<tr>
<th>Course #</th>
<th>Days</th>
<th>Time</th>
<th>Fee</th>
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</thead>
<tbody>
<tr>
<td>YOU341</td>
<td>Mon–Fri</td>
<td>7–9 a.m.</td>
<td>$45 + $15 = $60; Non-Md. residents add $25</td>
</tr>
<tr>
<td>YOU339</td>
<td>Mon–Fri</td>
<td>7–9 a.m.</td>
<td>$40 + $10 = $50; Non-Md. residents add $25</td>
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### After Care

<table>
<thead>
<tr>
<th>Course #</th>
<th>Days</th>
<th>Time</th>
<th>Fee</th>
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<tbody>
<tr>
<td>YOU340</td>
<td>Mon–Wed, Fri</td>
<td>7–9 a.m.</td>
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</tr>
<tr>
<td>YOU338</td>
<td>Mon–Wed, Fri</td>
<td>7–9 a.m.</td>
<td>$40 + $10 = $50; Non-Md. residents add $25</td>
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</table>

### Week of July 3

**M,W,R,F only; no class on 7/4**

**Before Care**

<table>
<thead>
<tr>
<th>Course #</th>
<th>Days</th>
<th>Time</th>
<th>Fee</th>
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<tbody>
<tr>
<td>YOU341</td>
<td>Mon–Wed, Fri</td>
<td>7–9 a.m.</td>
<td>$45 + $15 = $60; Non-Md. residents add $25</td>
</tr>
<tr>
<td>YOU339</td>
<td>Mon–Wed, Fri</td>
<td>7–9 a.m.</td>
<td>$40 + $10 = $50; Non-Md. residents add $25</td>
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</table>

### Week of July 10

**Before Care**

<table>
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<th>Course #</th>
<th>Days</th>
<th>Time</th>
<th>Fee</th>
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<tbody>
<tr>
<td>YOU341</td>
<td>Mon–Wed, Fri</td>
<td>7–9 a.m.</td>
<td>$45 + $15 = $60; Non-Md. residents add $25</td>
</tr>
<tr>
<td>YOU339</td>
<td>Mon–Wed, Fri</td>
<td>7–9 a.m.</td>
<td>$40 + $10 = $50; Non-Md. residents add $25</td>
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</tbody>
</table>

### Week of August 7

**Before Care**

<table>
<thead>
<tr>
<th>Course #</th>
<th>Days</th>
<th>Time</th>
<th>Fee</th>
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<tbody>
<tr>
<td>YOU341</td>
<td>Mon–Wed, Fri</td>
<td>7–9 a.m.</td>
<td>$45 + $15 = $60; Non-Md. residents add $25</td>
</tr>
<tr>
<td>YOU339</td>
<td>Mon–Wed, Fri</td>
<td>7–9 a.m.</td>
<td>$40 + $10 = $50; Non-Md. residents add $25</td>
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</table>

### Week of August 14

**Before Care**

<table>
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<tr>
<th>Course #</th>
<th>Days</th>
<th>Time</th>
<th>Fee</th>
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<tbody>
<tr>
<td>YOU341</td>
<td>Mon–Wed, Fri</td>
<td>7–9 a.m.</td>
<td>$45 + $15 = $60; Non-Md. residents add $25</td>
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<tr>
<td>YOU339</td>
<td>Mon–Wed, Fri</td>
<td>7–9 a.m.</td>
<td>$40 + $10 = $50; Non-Md. residents add $25</td>
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</tbody>
</table>
Big Learning programs are designed to inspire, encourage, and cultivate—creativity, focus, persistence, communication, and collaboration—the skills children need to thrive and become the innovators and leaders of tomorrow.

Big Learning provides high quality and affordable educational enrichment programs for children in Pre-K through 8th grade. Based in Montgomery County, MD, the programs focus on experiential and play-based learning, building excitement about knowledge that will last a lifetime. For over 40 years, Big Learning FLES and Science and Engineering programs have proudly enriched the lives of over 100,000 students in more than 80 schools across Montgomery County, MD in collaboration with MCPS and local school PTAs. Founded by the MCCPTA in 1975, Big Learning is a 501(c) 3 non-profit organization.

Adventures in Electricity

Explore the various aspects of electricity and circuits. Learn how to make batteries and electromagnets. Discover how to wire circuits and use tools to measure the properties of electricity. Wire both series and parallel circuits and make lightning from static electricity. Construct cars powered by batteries and solar panels and then race them in fun challenges. This camp encompasses a multifaceted overview of electricity and circuits, and includes many take-home projects.

Course: YOU860
5 Sessions
$180 + $60 fee = $240; Non-Md. residents add $25
Rockville Campus
CRN#: 12983 M,T,W,R,F 8/7-8/11 1-4 p.m.
CRN#: 12984 M,T,W,R,F 8/14-8/18 9 a.m.-12 p.m.

Architecture and Engineering: You Can Build It!

Construct, build, and propel yourself through this exciting hands-on STEM adventure! Explore engineering and architecture professions through roller coaster design and bridge construction while learning about Newton’s laws of motion, forces, and energy. Build your own geodesic dome, test the trajectory of a launching catapult against your own castle, and observe an air powered rocket soar through the sky! Learn about architectural marvels from the Leaning Tower of Pisa to the tallest tower in Dubai then construct towers, life-size tipis, and together stretch your understanding of what makes structures strong! Students bring most projects home.

Course: YOU859
5 Sessions
$180 + $60 fee = $240; Non-Md. residents add $25
Rockville Campus
CRN#: 12981 M,T,W,R,F 7/10-7/14 1-4 p.m.
CRN#: 12982 M,T,W,R,F 7/24-7/28 9 a.m.-12 p.m.

The Science of Art

Explore the science behind artists’ ability to make paintings and drawings three-dimensional. This is a hands-on science and art class where students will paint and draw while exploring science and art concepts. Learn how the human eye perceives the world: build a 3-D color wheel and explore color blindness. Build a camera obscura as used by the Old Masters and use it to create a dynamic composition. Explore perspectives, horizon lines, and vanishing points to learn to draw three dimensional works. How can you use a grid to resize a work? Students will get to take home all projects and art that they complete.

Course: YOU861
5 Sessions
$180 + $60 fee = $240; Non-Md. residents add $25
Rockville Campus
CRN#: 13275 M,T,W,R,F 7/31-8/4 9 a.m.-12 p.m.
CRN#: 13276 M,T,W,R,F 8/14-8/18 1-4 p.m.
Chemistry        Grades 5-6
Conduct hands-on chemistry experiments every day. Explore the magic of changing colors, liberating gases, and see how chemical reactions can identify unknowns. Compare exothermic and endothermic reactions, investigate capillary action through chromatography experiments, test various liquids for pH, and build a titration system for determining Vitamin C. Test foods for fats, proteins, and carbohydrates. Discover the world of polymers and have fun with viscosity, solubility, and making home-made play putty in your own mini-lab.
Course: YOU858        4 Sessions (No class 7/4)
$144 + $48 fee = $192; Non-Md. residents add $25
Rockville Campus
CRN#: 12980      M,W,R,F      7/3-7/7      9 a.m.-12 p.m.

Course: YOU877        5 Sessions
$180 + $60 fee = $240; Non-Md. residents add $25
Rockville Campus
CRN#: 12999      M,T,W,R,F      7/17-7/21      9 a.m.-12 p.m.
CRN#: 13000      M,T,W,R,F      7/31-8/4      1-4 p.m.

Planes, Trains, and Automobiles        Grades 4-6
This creative, hands-on camp will explore different vehicles and motion from rubber band airplanes to solar powered cars. Campers will create moving vehicles and test variations and hold performance challenges while learning science fundamentals such as axles, wheels, inclined planes, lift, potential energy, friction, and gravity. Projects include rubber band planes and helicopters, paper airplanes, parachutes, magnet powered electric trains, roller coasters, and solar cars. Students will bring their vehicles home.
Course: YOU862        5 Sessions
$180 + $60 fee = $240; Non-Md. residents add $25
Rockville Campus
CRN#: 12985      M,T,W,R,F      7/31-8/4      1-4 p.m.
CRN#: 12986      M,T,W,R,F      8/14-8/18      9 a.m.-12 p.m.

Robotics: Let’s Go KIBO!        Grades 1-2
Use the KIBO robotic system to learn coding, logic, loops, repeats, and conditional statements while having lots of fun. Learn what a robot is and isn’t, and what you have to tell KIBO to make it move. How can you command KIBO to make noise, avoid obstacles, shine its light, dance, and then do it all over again? Go all out with our design challenges and write your own KIBO code. Each pair of campers will share a complete KIBO set (robots do not go home with the students).
Course: YOU875        5 Sessions
$180 + $60 fee = $240; Non-Md. residents add $25
Rockville Campus
CRN#: 12994      M,T,W,R,F      7/17-7/21      1-4 p.m.

Simple Machines and Forces        Grades 4-5
Construct simple machines that you can take home. You will work in a three dimensional world using pneumatics to power your machines. Understand how boats float and how to harness the power of the wind. Use a hands-on approach to build from directions and your imagination. Projects will include a pneumatic crane, a judo bot, a mechanical hand, rafts, cars and windmills. Crash test your cars and hold a balloon string race!
Course: YOU876        5 Sessions
$180 + $60 fee = $240; Non-Md. residents add $25
Rockville Campus
CRN#: 12995      M,T,W,R,F      8/7-8/11      9 a.m.-12 p.m.
CRN#: 12997      M,T,W,R,F      8/14-8/18      1-4 p.m.
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.

Black Rocket digital arts and S.T.E.M. (Science, Technology, Engineering, and Mathematics) programs are powered by the camper’s innate imagination, and designed to bring their ideas to life in a fun, simple, learning environment. From concept to creation and from pre-production to premiere, each class challenges your child to reach their full potential. All Black Rocket programs mirror real-life experiences and the collaborative nature of the creative process. To ensure your child’s experience is of the highest level, students work in pairs or teams for most of the design process.

Camps are designed under the creative direction of Richard Ginn, Teacher of the Year at U.S. News and World Report's #7 ranked High School in the United States, and Bill Zengel who has two decades of award-winning work as a writer and producer in advertising and television.

**App Adventures! The Next Level**
Continue your quest to make the next viral app! Whether you want to move past the basic techniques learned in App Attack or want to jump right in, we are ready for you! Choose from a selection of different web-based (HTML5) mobile apps and explore more in-depth programming concepts. Student-created apps will be accessible on a Black Rocket site and can be played on any mobile device or computer. Publishing to App Stores not included. No prior experience is necessary and students do not need to own a smartphone or tablet to take the class.

**Course: YOU475**
5 Sessions
$140 + $60 fee = $200; Non-Md. residents add $25

**Rockville Campus**

| Ages 8-10 | CRN#: 12566 | M,T,W,R,F | 7/24-7/28 | 1-4 p.m. |
| Ages 11-14 | CRN#: 12565 | M,T,W,R,F | 7/24-7/28 | 9 a.m.-12 p.m. |

**App Attack! Make Your First Game App**
Take the first steps into the world of mobile app design and customize your own game app! Using a specialized game development tool, explore the world of web-based mobile apps. In addition to learning the basics of mobile app design and game development, you will also see firsthand how the world of apps publishing functions. Student-created apps will be accessible on a private site and can be played on any mobile device or computer. Publishing to App Stores not included. No prior experience is necessary and you do not need to own a smartphone or tablet to take the class.

**Course: YOU560**
5 Sessions
$140 + $60 fee = $200; Non-Md. residents add $25

**Rockville Campus**

| Ages 8-10 | CRN#: 43002 | M,T,W,R,F | 6/26-6/30 | 9 a.m.-12 p.m. |
**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 daily design challenges and be on your way to becoming the next tech star! Whether you want to be the next Mark Zuckerberg or the high school student who just made $1 million dollars for programming in his 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.

**Course: YOU658**

5 Sessions

$140 + $60 fee = $200; Non-Md. residents add $25

**Rockville Campus**

- **Ages 8–10**  CRN#: 12574  M,T,W,R,F  8/7-8/11  1-4 p.m.
- **Ages 11–14**  CRN#: 12573  M,T,W,R,F  8/7-8/11  9 a.m.-12 p.m.

**Creative Design and Robotics**

The world of the future belongs to…ROBOTS! In this cutting edge class, learn the fundamentals of motorized mechanisms, design principles, sensors, and sound activation. Separate fact from fantasy by designing and building prototypes of task oriented robots. Learn problem solving to improve how your robots function in a series of design challenges.

**Course: YOU378**

5 Sessions

$140 + $60 fee = $200; Non-Md. residents add $25

**Rockville Campus**

- **Ages 8–10**  CRN#: 12558  M,T,W,R,F  7/10-7/14  1-4 p.m.
- **Ages 11–14**  CRN#: 12557  M,T,W,R,F  7/10-7/14  9 a.m.-12 p.m.

**Game Labs: Collaborate—Create—Compete in the Ultimate Video Game Experience**

For serious gamers only! Beyond 2D and 3D, now it's time to take it to another level by competing with the world! You will develop games with a partner using a unique game engine. You will learn advanced level editing, simple 3D modeling, intermediate event scripting and the impact of game play on user experience. System Requirements for home experience: 2GB of RAM, and 2.0GHZ processor.

**Course: YOU841**

5 Sessions

$140 + $60 fee = $200; Non-Md. residents add $25

**Rockville Campus**

- **Ages 8–10**  CRN#: 12589  M,T,W,R,F  8/14-8/18  9 a.m.-12 p.m.
- **Ages 11–14**  CRN#: 12590  M,T,W,R,F  8/14-8/18  1-4 p.m.

**LEGO® Comics: Design Your Own Adventure!**

In this LEGO® adventure, YOU are the star! Pick your favorite LEGO® genre or create an alternate universe to create a digital illustrated story or graphic novel. Whether you want to fight alongside Superheroes, create a Minecraft story, hang with the Nexo Knights, or go into space with Rey and Finn, the only requirement is that you put yourself in the story! You will end the class with a digital comic book that can be shared with friends and family on a password protected website!

**Course: YOU840**

5 Sessions

$140 + $60 fee = $200; Non-Md. residents add $25

**Rockville Campus**

- **Ages 8–10**  CRN#: 12588  M,T,W,R,F  8/14-8/18  1-4 p.m.
- **Ages 11–14**  CRN#: 12587  M,T,W,R,F  8/14-8/18  9 a.m.-12 p.m.
Lego® Films and Stop Action!
Make your LEGOs® come to life! Bring in your favorite action figures or LEGO®s 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®s 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.

Course: YOU379  5 Sessions
$140 + $60 fee = $200; Non-Md. residents add $25
Rockville Campus

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, challenge levels, graphics, sounds, and simple coding are just some of the concepts that you’ll explore. No prior experience necessary, just a desire to have fun. Student-created games will be available on a password-protected Black Rocket website to share with friends and family. Games are compatible on PC computers.

Course: YOU836  4 Sessions (No class 7/4)
$125 + $55 fee = $180; Non-Md. residents add $25
Rockville Campus
Ages 8-10  CRN#: 12605  M,W,R,F  7/3-7/7  9 a.m.-12 p.m.
Ages 11-14  CRN#: 12606  M,W,R,F  7/3-7/7  1-4 p.m.

Make Your First 3D Video Game
Try this new version of a Black Rocket classic! Learn to develop a game concept that goes well beyond the limitations of the traditional 2D game design classes. Learn the physics behind 3D games, explore beginner event scripting, level design, controlling flow of gameplay, and storytelling. Student-created games will be available on a password protected Black Rocket website to share with friends and family.

Course: YOU382  5 Sessions
$140 + $60 fee = $200; Non-Md. residents add $25
Rockville Campus
Ages 8-10  CRN#: 12561  M,T,W,R,F  7/31-8/4  1-4 p.m.
Ages 11-14  CRN#: 12560  M,T,W,R,F  7/31-8/4  9 a.m.-12 p.m.

Maker Labs: Make Your First 3D Creation
Calling all boys and girls who want to be the designers of the future! In this class, if you can dream it you can make it—create your first action figure, design custom jewelry, or make a new toy! Using professional-level modeling software, kids will sculpt, texture, and render their own 3D creation. No prior experience is necessary and 3D designs will be available on a password protected website to share with friends and family. 3D printing is not included, but can be purchased separately through a 3rd party company.

Course: YOU783  5 Sessions
$140 + $60 fee = $200; Non-Md. residents add $25
Rockville Campus
Ages 8-10  CRN#: 12579  M,T,W,R,F  7/24-7/28  9 a.m.-12 p.m.
Minecraft Animators

Bring your favorite Minecraft characters to life in an animated short film! Learn how studios like Pixar and Disney make movies like Inside Out and Frozen using techniques like keyframing, tweening, texturing, and animating rigged 3D models! Student projects will be available on a Black Rocket website to share with friends and family. You do not need to own a Minecraft account to use the software in this class.

Course: YOU780  
5 Sessions  
$140 + $60 fee = $200; Non-Md. residents add $25  
Rockville Campus  
Ages 11–14  
CRN#: 12580  
M,T,W,R,F  
7/24-7/28  
1-4 p.m.

Minecraft Designers

If you love the game Minecraft, but always wanted to design your own characters and buildings for your games, then this class is for you! Learn the basics of creating 3D modeling using a new software to design your very own objects, create skins for characters and import them into your favorite Minecraft games. To access your project at home, you must own a PC/MAC version of Minecraft. Tablet, phone, and game console versions of Minecraft are not compatible. A parental e-mail address is required to use 3D modeling software.

Course: YOU561  
5 Sessions  
$140 + $60 fee = $200; Non-Md. residents add $25  
Rockville Campus  
Ages 8–10  
CRN#: 12577  
M,T,W,R,F  
7/31-8/4  
9 a.m.-12 p.m.  
Ages 11–14  
CRN#: 12578  
M,T,W,R,F  
7/31-8/4  
1-4 p.m.

Minecraft Modders

Use your favorite game to learn the basics of modding and the foundations of programming. Learn scripting and logic statements as you create your first mod! Introductory coding will also be taught through a simulated environment inspired by Minecraft. Student projects will be available on a Black Rocket website to share with friends and family. To access their project at home, you must own a PC/MAC version of Minecraft. Tablet, phone, and game console versions of Minecraft are not compatible.

Course: YOU659  
5 Sessions  
$140 + $60 fee = $200; Non-Md. residents add $25  
Rockville Campus  
Ages 8–10  
CRN#: 12575  
M,T,W,R,F  
7/10-7/14  
9 a.m.-12 p.m.  
Ages 11–14  
CRN#: 12576  
M,T,W,R,F  
7/10-7/14  
1-4 p.m.

Star Wars Stop Animation

Make your own Star Wars adventure come to life!  
Bring in your favorite action figures and/or Star Wars vehicles and create a short film with your friends. Whether you want to recreate a scene from Star Wars or design a new world of your own, this class brings your dreams to the screen. Bring in Star Wars action figures or vehicles 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.

Course: YOU839  
5 Sessions  
$140 + $60 fee = $200; Non-Md. residents add $25
Rockville Campus
Ages 8–10  CRN#: 12586     M,T,W,R,F  7/17-7/21
9 a.m.-12 p.m.

**Video Game Animation**
Take your game design skills to the next level by creating and animating your own character sprites, objects, and backgrounds. Start with a name, develop the character’s personality, signature moves, special powers, and a story line. Finish with a fully animated character to be used in your very own game. No prior experience in game design, animation, or sketching needed. Student-created games will be available on a password protected Black Rocket website to share with friends and family. Games are only compatible on PC computers.

**Course: YOU838**
5 Sessions
$140 + $60 fee = $200; Non-Md. residents add $25

**Rockville Campus**
Ages 8-10  CRN#: 12585     M,T,W,R,F  7/17-7/21 1-4 p.m.
Ages 11-14  CRN#: 12584     M,T,W,R,F  7/17-7/21 9 a.m.-12 p.m.

**Virtual Reality: The Future is Now!**
Embark on an EPIC adventure in virtual reality! In this cutting edge class, you will learn the foundations of VR design by creating your own virtual worlds, exploring simulated environments, and crafting memorable 3D experiences. At the end of the week, take home your first cardboard VR headset to show friends and family the new worlds you created. VR projects can be viewed on a website or a mobile device. You do not need a mobile device to take the class, but to use the VR headset at home you will need access to an Android or Apple mobile device. VR Games will be available on a password protected Black Rocket website to share with friends and family. Note: the VR headset used in the class will become your property.

**Course: YOU835**
5 Sessions
$140 + $79 fee = $219; Non-Md. residents add $25

**Rockville Campus**
Ages 8-10  CRN#: 12603     M,T,W,R,F  8/7-8/11 9 a.m.-12 p.m.
Ages 11-14  CRN#: 12604     M,T,W,R,F  8/7-8/11 1-4 p.m.
CIRCUS CAMP
On the Rockville Campus
Ages 9–14

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

Explore the world of a circus performer—the traditions and the feel of being under the Big Top. Take part in a non-competitive 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. Sneakers and comfortable clothing required. Instruction by Michael Rosman’s Circus Camp Stars

Michael Rosman is a graduate of Ringling Brothers and 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.

Course: YOU386  5 Sessions
$210 + $60 fee = $270; Non-Md. residents add $25
CRN#: 13153  M–F  8/7–8/11  9 a.m.–3 p.m.
CRN#: 13154  M–F  8/14–8/18  9 a.m.–3 p.m.

SAT and ACT Prep at MC

Why take a SAT and/or ACT Prep class at Montgomery College?

Here’s Why:
► Boost your test-taking confidence
► Practice with real SATs and ACTs
► Have fun and lively classes
► Learn cool test strategies that work
► Improve your speed
► Ease your test stress

Summer classes are conveniently held on our campuses. See our website for course schedules and a link to our Facebook page!
www.montgomerycollege.edu/wdce/satprep.html
Once again 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 and launches his first full day, week-long Summer S.L.A.M. course. Don Milner is a 16 year veteran Team Leader and Content Specialist. He has helped hundreds of students learn how to succeed in the SOS/Aggressive Learning Courses. Each class includes an optional parent’s session for free. In 2015, his program was awarded the Nancy Dworkin Award for Outstanding Service to Youth in Montgomery County.

**Aggressive Learning I for Middle School Students**  Grades 6-8

Are you a successful middle school student? Feeling overwhelmed with the amount of homework? You study hard and you still aren’t making the grades that you feel you can? If you are experiencing this type of frustration, take this course. Learn strategies from an IRT and Team Leader. Learn how to better manage your time and work smarter. You are already working hard! Learn how to study efficiently and experience success in middle school. Instructor: Don Milner

**Course:** SCH969  
**5 Sessions**  
$240 + $50 fee = $290; Non-Md. residents add $25  
**Rockville Campus**  
**CRN#: 43331**  
**M,T,W,R,F 6/26-6/30 9 a.m.-12 p.m.**

**Aggressive Learning II for Middle School Students**  Grades 6-8

This course is specially designed for students who have had, or are currently enrolled in, Aggressive Learning I. Learning objectives reinforce the study skills taught in Aggressive Learning I and give specific study strategies for each core content area, such as science, math, social studies, English, and foreign language. Learn tried and true study strategies that help you improve your academic standing. Learn the science behind learning and what motivates you to learn new information. Instructor: Don Milner

**Course:** YOU068  
**5 Sessions**  
$240 + $50 fee = $290; Non-Md. residents add $25  
**Rockville Campus**  
**CRN#: 43299**  
**M,T,W,R,F 6/26-6/30 1-4 p.m.**

**Aggressive Learning I for High School Students**  Grades 9-12

Are you a successful high school student? Are you afraid of feeling overwhelmed with the amount of homework in high school? You study hard but you don’t make the grades that you achieved in middle school? If you are experiencing this type of frustration, you should take this course. Learn strategies from an IRT and Team Leader. Learn how to better manage your time, trick your teachers, and work smarter. You are already working hard—now learn how to study efficiently and experience success. Don’t fail simply because you’re transitioning into high school. Instructor: Don Milner

**Course:** SCH977  
**10 Sessions**  
$230 + $65 fee = $295; Non-Md. residents add $25  
**Rockville Campus**  
**CRN#: 13012**  
**M,T,W,R,F 7/31-8/11 9 a.m.-12 p.m.**

**Aggressive Learning II for High School Students**  Grades 9-12

This course is specially designed for students who have had or are currently enrolled in Aggressive Learning I. Learning objectives reinforce the study skills taught in Aggressive Learning I and give specific study strategies for each core content area, such as science, math, social studies, English, and foreign language. Learn tried and true study strategies that help you improve your academic standing. Learn the science behind learning and what motivates you to learn new information. Instructor: Don Milner

**Course:** SCH979  
**10 Sessions**  
$230 + $65 fee = $295; Non-Md. residents add $25  
**Rockville Campus**  
**CRN#: 13013**  
**M,T,W,R,F 7/31-8/11 1-4 p.m.**
SOS for Middle School Students  Grades 6-8
Learning good study habits now will lay the groundwork for successful work habits as an adult. SOS 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. 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. Instruction by Don Milner.
Course: YOU554  5 Sessions
$200 + $65 fee = $265; Non-Md. residents add $25
Rockville Campus
CRN#: 43300  M,T,W,R,F  6/26-6/30  5-7 p.m.
CRN#: 13269  M,T,W,R,F  7/10-7/14  5-7 p.m.

SOS for High School Students  Grades 9-12
Learning good study habits now will lay the groundwork for successful work habits as an adult. SOS 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. 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. Instruction by Don Milner.
Course: YOU843  5 Sessions
$200 + $65 fee = $265; Non-Md. residents add $25
Rockville Campus
CRN#: 13144  M,T,W,R,F  8/14-8/18  5-7 p.m.
Course: YOU317  10 Sessions
$230 + $65 fee = $295; Non-Md. residents add $25
Rockville Campus
CRN#: 12959  M,T,W,R,F  7/17-7/28  5-7 p.m.
CRN#: 12960  M,T,W,R,F  7/31-8/11  5-7 p.m.

Summer S.L.A.M.  Grades 6-8
Summer S.L.A.M. (Students Learning to Achieve More) in school is a course for Middle School aged students. This course is designed to increase learning skills through interactive games and activities. Students will learn how to learn in school. Summer SLAM also focuses on executive functioning and how to prepare for quizzes and tests. Summer SLAM is a study skills camp geared toward middle school students who have underachieved and are looking for new ways to be successful in school and have fun at the same time. Instruction by Don Milner.
Course: YOU911  5 Sessions
$300 + $60 fee = $360; Non-Md. residents add $25
Rockville Campus
CRN#: 13137  M,T,W,R,F  8/14-8/18  9 a.m.-4 p.m.
For Ages 9–13 on the Montgomery College Rockville Campus

Ideal for kids and teens interested in drones, science, technology, flight, math, robotics, engineering, business, and entrepreneurship.

The mission of Drobots Company is to inspire students to reduce time in front of a computer screen and instead utilize drone technology in a setting that promotes collaborative project-based learning in a positive educational environment. Hence, the company trademark slogan, Where Technology Meets Fresh Air™. Due to the exponential growth of the drone industry, kids and teens may now explore, learn and evolve along with the applications of today and the discoveries of tomorrow.

The primary goal of any Drobots Company program is to mentor participants on how to become lifelong learners and instill a strong sense of curiosity, confidence and teamwork. Throughout all of our program offerings participants utilize imagination, hand-eye coordination and STEM applications to conquer challenges and missions. Under the umbrella of a friendly competitive and gamified teaching and learning methodology, participants collaborate in a team setting to deconstruct challenges and then solve them.

Each participant receives their own Drobots Flight Book™. Participants are organized into age-appropriate groups. Drone safety and the social responsibilities of flying drones are included in this program. No drone flying experience necessary.

Drone Flying: Search & Rescue

Drone search and rescue is a necessity for first responders around the world, adding a new layer of solutions to save lives across the global. Now you too can take part in and learn from simulated missions during this action-packed and creative program. You will learn how to fly code drones while relying on your rescue team to utilize unique vantage points over specific areas on campus to locate victims and safely rescue them to safety. Teams will also learn invaluable lessons on how to quickly and accurately acquire aerial data that, in return, will enable them to make informed and targeted decisions for real-world positive applications.

$325 + $100 fee = $425; Non-Md. residents add $25
Course: YOU916  Rockville Campus  5 Sessions
CRN#: 13150  M,T,W,R,F  7/24-7/28  9 a.m.-3 p.m.

Ultimate Drone Games: Speed, Skill, and Acrobatics

We check all of the boxes of STEM drone education during this action-packed program. Teams transition from the simulator to the remote control and enjoy a multitude of thrilling challenges on and off the ground! Get ready for a week of friendly competition as you and your team take to the sky and attempt to win the badge of the Ultimate Drone Games champion. You will experience the thrill of today’s latest drone technology including drones equipped with mini Nerf® cannons and mini grabbers. It’s all about the grand finale as teams conquer challenges and earn points for the end-of-program event: Ultimate Drobot Games.

$325 + $100 fee = $425; Non-Md. residents add $25
Course: YOU917  Rockville Campus  5 Sessions
CRN#: 13151  M,T,W,R,F  7/17-7/21  9 a.m.-3 p.m.
The Etiquette School of Maryland specializes in customized etiquette classes and seminars for children and teens. The Etiquette School of Maryland believes that understanding manners helps children build relationships, confidence, and self-esteem—leading to increased opportunities in school and in their personal life.

Modern Etiquette and Manners
Would you like to have fun while learning the skills to boost your confidence, increase your self-esteem and develop leadership skills? If so, this is the camp for you! You will learn social skills, communication skills, and table manners that will help you succeed in the classroom, at home, with peers—in short, in life. Topics include: shaking hands, eye contact, introductions, respect for self and others, making conversation, cell phone manners, social media, texting, common courtesies, thank-you notes, sportsmanship, image, dealing with differences, dining skills, table settings, styles of dining, and more! You will receive a handbook and certificate of completion. NOTE: Interviewing tips and public speaking techniques are also included in the program for high school students. Offered in conjunction with the Etiquette School of Maryland.

Course: YOU913  5 Sessions
$210 + $60 fee = $270; Non-Md. residents add $25

Rockville Campus
Grades 3–5 (Boys Only)   CRN#: 43360   M,T,W,R,F   6/26-6/30   1-4 p.m.
Grades 3–5 (Girls Only)   CRN#: 43359   M,T,W,R,F   6/26-6/30   9 a.m.-12 p.m.
Grades 6–9 (Boys Only)   CRN#: 13140   M,T,W,R,F   7/10-7/14   1-4 p.m.
Grades 6–9 (Girls Only)   CRN#: 13139   M,T,W,R,F   7/10-7/14   9 a.m.-12 p.m.
Grades 10–12 (Boys Only)  CRN#: 13142   M,T,W,R,F   7/17-7/21   1-4 p.m.
Grades 10–12 (Girls Only) CRN#: 13141   M,T,W,R,F   7/17-7/21   9 a.m.-12 p.m.

www.etuicetteschoolmd.com
Futuremakers programs consist of experiential learning activities where YOU take on the roles, personalities, expectations, and experiences of engineers, designers, and fabricators. Discover the challenges of invention! Turn problems and mistakes into creative challenges, and learn the skills to work through them with practice, collaboration, and serious play.

Big Brains Machine Shop  
Ages 6–8  
Small hands with big ideas deserve real tools and things to invent! This material-based exploration lab, built around the theme of machines, is perfect for emerging tinkerers, artists, and engineers ready to activate STEM thinking. Students will grow their design and fabrication skills, cut, drill, connect, form and shape cardboard, foam, wood, plastics and electronic components. Everybody is invited to our Friday Machine Shop Petting Zoo!

Course: YOU853  
5 Sessions  
$155 + $65 fee = $220; Non-Md. residents add $25

Rockville Campus
CRN#: 12971  M,T,W,R,F  7/10-7/14  9 a.m.-12 p.m.
CRN#: 12972  M,T,W,R,F  8/7-8/11  1-4 p.m.

Cardboard Arcade Invention Lab  
Ages 8–11  
Why play video games, when you can build an old school arcade yourself? Young makers design, prototype, build and play unique arcade games of skill and chance from cardboard, foam, plastics and wood, electronic components and recycled materials. All projects go home—and be ready, they get big! Join us for our Friday free arcade!

Course: YOU855  
5 Sessions  
$165 + $55 fee = $220; Non-Md. residents add $25

Rockville Campus
CRN#: 12975  M,T,W,R,F  7/24-7/28  1-4 p.m.

Electric Art & Engineering Studio  
Ages 8–11  
Dream, design and construct electrified kinetic sculptures, glowing creature and your own amazing advanced creations in our makerspace. Cut wood, form plastic, drill, slice foam, add motors and electronics! Perfect for young artists, designers, tinkerers and budding engineers.

Course: YOU766  
5 Sessions  
$165 + $55 fee = $220; Non-Md. residents add $25

Rockville Campus
CRN#: 12963  M,T,W,R,F  7/24-7/28  9 a.m.-12 p.m.

Electronics: Design and Innovation Lab  
Ages 12–15  
Design and build personal electronic inventions focusing on light, movement and sound. No kits in this workshop-explore and innovate based on design challenges led by expert coaches. Newcomers and experienced participants take home projects for use, play, and further exploration.

Course: YOU854  
5 Sessions  
$165 + $55 fee = $220; Non-Md. residents add $25

Rockville Campus
CRN#: 12973  M,T,W,R,F  7/10-7/14  1-4 p.m.
CRN#: 12974  M,T,W,R,F  8/7-8/11  9 a.m.-12 p.m.
### Industrial Arts: Construction Lab  
**Ages 6–8**

Emerging tinkerers, inventors, artists, and engineers learn to use real tools to construct original projects of their own design. Safely cut, drill, form, and shape wood! Hammer nails and drive screws! Build big and small to complete a series of tool and material design challenges focusing on experimentation, exploration, and free building. No prior experience needed.

**Course:** YOU856  
5 Sessions  
$155 + $65 fee = $220; Non-Md. residents add $25

**Rockville Campus**

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<tr>
<th>CRN#</th>
<th>Days</th>
<th>Dates</th>
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<tr>
<td>12976</td>
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<td>7/17-7/21</td>
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<td>8/14-8/18</td>
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### Industrial Arts: Model Making & Casting Lab  
**Ages 12–15**

Explore the origins of 3D design and manufacturing. Make professional grade models and molds of your own design to create things you can use, play with, eat, or even sell! Explore modeling and prototyping techniques and flexible mold making. Pour plaster, form plastic, experiment with candy mold making, and cast concrete! All projects go home, so you can make more!

**Course:** YOU857  
5 Sessions  
$165 + $55 fee = $220; Non-Md. residents add $25

**Rockville Campus**

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<td>12979</td>
<td>M,T,W,R,F</td>
<td>8/14-8/18</td>
<td>9 a.m.-12 p.m.</td>
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### Woodshop: Basics to Boxes  
**Ages 8–11**

Master woodworking basics in three take-home projects: an elegant cutting board, a gift box, and an indestructible toolbox. Follow plans, measure, mark, cut, drill, shape, and finish with hand tools. Returning students create advanced projects! Instruction by FutureMakers.

**Course:** YOU678  
5 Sessions  
$175 + $65 fee = $240; Non-Md. residents add $25

**Rockville Campus**

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### Woodshop: Fundamentals to Furniture  
**Ages 12–15**

Design and build a well-crafted table from plans you design. Safely and accurately measure, cut, join, and finish softwoods using hand tools. No prior experience required. Returning students build advanced projects!

**Course:** YOU852  
5 Sessions  
$175 + $65 fee = $240; Non-Md. residents add $25

**Rockville Campus**

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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 varying 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.

Advanced Robotics with Mindstorm
Ages 11–14
Are you familiar with the basics of LEGO® Mindstorms? Then this class is for you! Working in teams you will move up to building multiple elaborate robots and programming while learning science, technology, engineering, and mathematics in the robotics context.
Course: YOU873
5 Sessions
$160 + $50 fee = $210; Non-Md. residents add $25
Rockville Campus
CRN#: 13050  M,T,W,R,F  7/31-8/4  1-4 p.m.

All About Technology
Ages 7–10
Fun, exciting and challenging activities await you as you are introduced to a variety of relevant technologies. Learn to build circuits as well as building and programming robotic devices. Use a Global Positioning System (GPS) to play a high-tech game of hide and seek. Practice skills such as orienteering, treasure hunting, and waymarking—better known as Geocaching. Discover the FUNdamentals of technology.
Course: YOU786
5 Sessions
$160 + $50 fee = $210; Non-Md. residents add $25
Rockville Campus
CRN#: 13041  M,T,W,R,F  7/10-7/14  1-4 p.m.
CRN#: 13040  M,T,W,R,F  7/17-7/21  9 a.m.-12 p.m.

Circuit Fundamentals and Creation
Ages 11–16
Electronics are an integral part of our daily life but do you know what is inside of them? In this beginning class on electricity and electric circuits you will explore just that. In this solder free class, explore a multitude of different circuits using lights, sounds, sensors, radio waves and Boolean logic. Learn to use volt meters, read and write electrical diagrams as well as build a working AM/FM radio to take home.
Course: YOU870
4 Sessions (No class 7/4)
$115 + $65 fee = $180; Non-Md. residents add $25
Rockville Campus
CRN#: 13046  M,W,R,F  7/3-7/7  1-4 p.m.

Computers 101: How They Work and How They Are Built
Ages 10–16
Sure, you know how to use your computer, but do you know how it works? What is an I/O port? What is a motherboard? How does the memory work with the hard drive? Learn to take a working computer apart, examine the pieces, and put it back together! Will it still work? That is up to you! Find out why those disks are called “floppies” when they are hard. Also explore the evolution of personal computing and what tomorrow may hold for technology.
Course: YOU881
5 Sessions
$160 + $50 fee = $210; Non-Md. residents add $25
Rockville Campus
CRN#: 13058  M,T,W,R,F  7/31-8/4  9 a.m.-12 p.m.
CRN#: 13059  M,T,W,R,F  8/14-8/18  1-4 p.m.
**Elementary Engineering Ages 7–10**

This exciting hands-on engineering class uses LEGO® Education building materials. Working in teams, you’ll learn the basics of engineering and simple machines. Learn the concepts of pulleys, levers, gears and more. From this foundation, you’ll move on to compound machines and motorized vehicles and robotic creations. Put this new knowledge to work creating your own mechanized designs. Creatively solve challenges using concepts learned in class. Last, but not least, become an inventor using light and sound sensors, pulleys, wheels, levers, and gears, all at your command.

**Course: YOU787  5 Sessions**  
$160 + $50 fee = $210; Non-Md. residents add $25  
**Rockville Campus**  
CRN#: 43338  M,T,W,R,F  6/26-6/30  9 a.m.-12 p.m.  
CRN#: 13042  M,T,W,R,F  7/24-7/28  9 a.m.-12 p.m.  
CRN#: 13043  M,T,W,R,F  8/7-8/11  9 a.m.-12 p.m.

**Intermediate Engineering and Robotics Ages 11–14**

Engineering technology is a great way to introduce a budding young scientific mind to the future of a high-technology world! Work in teams to become technology experts. Concepts of force, measurement, construction, design and much more will be reinforced. 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: YOU788  5 Sessions**  
$160 + $50 fee = $210; Non-Md. residents add $25  
**Rockville Campus**  
CRN#: 13044  M,T,W,R,F  7/10-7/14  9 a.m.-12 p.m.

**Robotics with Mindstorm Ages 11–14**

Do you know what a robot is capable of doing? Get ready to take control! You will build robots, program them to accomplish tasks, respond to external stimuli, and overcome challenges. Using the NXT brick from LEGO®, you will control the robot using NXT programming language and software programming techniques. Experience the challenges of navigation, avoiding and climbing over obstacles, and moving objects.

**Course: YOU872  4 Sessions (No class 7/4)**  
$118 + $50 fee = $168; Non-Md. residents add $25  
**Rockville Campus**  
CRN#: 13049  M,W,R,F  7/3-7/7  9 a.m.-12 p.m.

**Course: YOU871  5 Sessions**  
$160 + $50 fee = $210; Non-Md. residents add $25  
**Rockville Campus**  
CRN#: 13047  M,T,W,R,F  7/17-7/21  1-4 p.m.  
CRN#: 13048  M,T,W,R,F  8/14-8/18  9 a.m.-12 p.m.

**Rockets and Robotics Ages 7–10**

What a great combination! Working in small teams, learn how to write a step-by-step program to make things spin, light up, and play music. Build and explore machines and mechanisms, discover motor design differences, and study gearing mechanisms. Then, using some of the concepts learned, design your own rockets that you can test and take home, but not before we have our own launch party (weather permitting)!

**Course: YOU874  5 Sessions**  
$160 + $50 fee = $210; Non-Md. residents add $25  
**Rockville Campus**  
CRN#: 43339  M,T,W,R,F  6/26-6/30  1-4 p.m.  
CRN#: 13051  M,T,W,R,F  7/24-7/28  1-4 p.m.
Joy of Art: 60s and 70s in Art and Music  Grades 1–6
Peace, love, and rock-n-roll await you as we create portraits in the style of Warhol, and make far-out record album covers, colorful psychedelic posters, and tie-dyed clothes.
Course: YOU864  5 Sessions
$200 + $60 fee = $260; Non-Md. residents add $25
Takoma Park/Silver Spring Campus
CRN#: 12988  M,T,W,R,F  7/17-7/21  9 a.m.-3 p.m.

Joy of Art: Art of the American Heartland  Grades 1–6
Explore the richness of the American tradition of rural art, ranging from Grandma Moses to Andrew Wyeth to Grant Wood. We will create our own expressions of life in the country, on the farm, and in the forest.
Course: YOU866  5 Sessions
$200 + $60 fee = $260; Non-Md. residents add $25
Takoma Park/Silver Spring Campus
CRN#: 12989  M,T,W,R,F  7/31-8/4  9 a.m.-3 p.m.

Joy of Art: Graphic Arts  Ages 10–16
Make colorful posters, fliers, cereal boxes, and logos of all kinds. We will learn the basics of graphic design and basic printmaking.
Course: YOU865  5 Sessions
$200 + $60 fee = $260; Non-Md. residents add $25
Takoma Park/Silver Spring Campus
CRN#: 43305  M,T,W,R,F  6/26-6/30  9 a.m.-3 p.m.

Joy of Art: Greek Mythology in Art  Grades 1–6
The ancient Greek traditions are still living in the world of art today. We will learn about the different periods of Greek art, listen to the stories from mythology, and create works of legendary beauty.
Course: YOU863  5 Sessions
$200 + $60 fee = $260; Non-Md. residents add $25
Takoma Park/Silver Spring Campus
CRN#: 12987  M,T,W,R,F  7/10-7/14  9 a.m.-3 p.m.

Who’s Your Dada?—Early 20th century art will inspire us to create works of ‘found art’ and surreal visions. We'll paint, sculpt, and draw strange and beautiful things, while we learn about artists like Duchamp, Ernst, Dali, and Magritte.
Course: YOU810  5 Sessions
$200 + $60 fee = $260; Non-Md. residents add $25
Takoma Park/Silver Spring Campus
CRN#: 12965  M,T,W,R,F  7/24-7/28  9 a.m.-3 p.m.
Mad Science is the largest and most comprehensive provider of science enrichment and educational services within the metro area. They perform their programming throughout the MCPS system and work closely with the Montgomery County science curriculum. These hands-on science programs are themed around a particular area of science and include such topics as rocketry, magnets, polymers, and even the science of toys. During the weeklong camps, students will engage in exciting hands-on activities, watch spectacular demonstrations, participate in inquiry-based discussions, and take home things that they have made themselves like model rockets, periscopes, Mad Science putty, and more. Mad Science programs offer students a chance to see just how cool science can be!

3-2-1 Blast-Off! Grades 2–6
This action-packed week will focus solely on rockets and the physics of rocket flight. After learning the model rocket safety code, you will build a number of different rockets and participate in the launching, mission control, propulsion, and recovery of the rockets you build. Campers will be divided into three groups: altitude trackers, launch preparation, and launchers. Every camper will have an opportunity to try all three.

Course: YOU851 4 Sessions (No Class 7/4)
$225 + $60 fee = $285; Non-Md. residents add $25

Germantown Campus
CRN#: 12969  M,W,R,F  7/3-7/7  9 a.m.-3 p.m.

Course: YOU114 5 Sessions
$240 + $60 fee = $300; Non-Md. residents add $25

Rockville Campus
CRN#: 12952  M,T,W,R,F  7/24-7/28  9 a.m.-3 p.m.

Forensic Fundamentals: Biology, Chemistry, and Crime Grades 1–6
Mad Science introduces you to the foundations of forensics as you learn about organs, cells and chemistry! Discover how the science behind life can help you solve a crime. Discover the secrets behind batteries and design marshmallow molecules! Conduct electricity and power a Mad Science whirligig. Experience blood pumping through the heart and air moving through the lungs. Use ooey-gooey ingredients to build a model cell and use your own traits to decode and decipher your DNA. Finally, apply what you learn and apply some crime scene skills to solve a sticky crime!

Course: YOU758 5 Sessions
$240 + $60 fee = $300; Non-Md. residents add $25

Rockville Campus
CRN#: 43302  M,T,W,R,F  6/26-6/30  9 a.m.-3 p.m.
Red Hot Robots
Grades 2–6
Learn about the uses of robots in the world. Spend time playing with our super-cool, red-hot robots. Use your skills to build your very own working robot to take home to “live” with you. Topics you will explore during this fun five-day camp include robot concepts, robot basics, robot building, red-hot robots, and robotic science. These are only a sample of some of the activities that you will be doing each day. The topics will not necessarily follow this order, but each of these topics will be included at some point in the camp.
Course: YOU217 4 Sessions (No class 7/4)
$225 + $60 fee = $285; Non-Md. residents add $25
Rockville Campus
CRN#: 12958 M,W,R,F 7/3-7/7 9 a.m.-3 p.m.

Science in Motion!
Grades 1–6
Discover how things move with science. Take apart pellets to see what an owl cannot digest! View the world through a camera obscura that you make yourself. Join a team of camper engineers and build bridges, domes, cubes, and pyramids. Assemble and control pulleys, levers, catapults, and simple machines. Make your own sidewalk chalk, crystal gardens, and chromatography dyed T-shirt.
Course: YOU116 5 Sessions
$240 + $60 fee = $300; Non-Md. residents add $25
Takoma Park/Silver Spring Campus
CRN#: 12953 M,T,W,R,F 7/17-7/21 9 a.m.-3 p.m.

Science Mysteries
Grades 1–6
Mad Science explores mysteries of earth, space, sports, secret codes, and the animal world. As a young astronaut, you will explore the mysteries of the solar system and learn how astronauts live and work in space. Use Morse code, and many more, to send secret messages to your friends. Learn the basics about water pollution, acid rain, and the benefits of solar energy. Get in touch with nature by recycling your own garbage you will get to make your very own paper to take home and learning about what football players, scientists, and ballet dancers have in common.
Course: YOU849 5 Sessions
$240 + $60 fee = $300; Non-Md. residents add $25
Germantown Campus
CRN#: 43303 M,T,W,R,F 6/26-6/30 9 a.m.-3 p.m.
Rockville Campus
CRN#: 12968 M,T,W,R,F 7/10-7/14 9 a.m.-3 p.m.
Takoma Park/Silver Spring Campus
CRN#: 12967 M,T,W,R,F 7/31-8/4 9 a.m.-3 p.m.

Secret Agent Lab
Grades 1–6
Suspects! Schematics! and Sleuths! Connect the dots using science to help solve a crime in this hands-on investigation of the science of sleuthing. Uncover the science involved in evidence gathering and analysis and fingerprinting detection. Enhance your recall and observation skills and learn how to use spy equipment.
Course: YOU216 5 Sessions
$240 + $60 fee = $300; Non-Md. residents add $25
Rockville Campus
CRN#: 12956 M,T,W,R,F 7/17-7/21 9 a.m.-3 p.m.
Takoma Park/Silver Spring Campus
CRN#: 12957 M,T,W,R,F 7/24-7/28 9 a.m.-3 p.m.
INTRO TO STEM WITH LEGO®  AGES 5–7
Tap into your imagination with tens of thousands of LEGO®! Build engineer-designed projects such as boats, snowmobiles, catapults, and merry-go-rounds. Then use special pieces to create your own unique design! New and returning students can explore the endless creative possibilities of the LEGO® building system with the guidance of an experienced Play-Well instructor.

Course: YOU867  5 Sessions
$165 + $55 fee = $220; Non-Md. residents add $25
Rockville Campus
CRN#: 12990  M,T,W,R,F  8/14-8/18  9 a.m.-12 p.m.

STEM CHALLENGE WITH LEGO®  AGES 7–12
Apply real-world concepts in physics, engineering, and architecture through engineer-designed projects such as catapults, pneumatic cranes, arch bridges, and battletracks! Design and build as never before, and explore your craziest ideas in a supportive environment. An experienced instructor will challenge new and returning students to engineer at the next level.

Course: YOU868  5 Sessions
$165 + $55 fee = $220; Non-Md. residents add $25
Rockville Campus
CRN#: 12991  M,T,W,R,F  8/14-8/18  1-4 p.m.

STEM FUNDAMENTALS AND JEDI ENGINEERING WITH LEGO®  AGES 6–9
Apply real-world concepts in physics, engineering, and architecture through engineer-designed projects such as snowmobiles, towers, catapults, and battletracks; along with Star Wars inspired builds such as X-Wings, AT-AT walkers, Pod Racers, and Star Destroyers. Design and build as never before at this all day camp. An experienced instructor will challenge new and returning students to engineer at the next level.

Course: YOU869  5 Sessions
$249 + $50 fee = $299; Non-Md. residents add $25
Germantown Campus
CRN#: 12992  M,T,W,R,F  7/31-8/4  9 a.m.-4 p.m.
Tiny Chefs

Sharing the Joy of Cooking—Cooking teaches kids valuable skills that they can carry with them through life. Children practice basic math when they measure ingredients, reading comprehension as they follow a recipe, team building as they work in groups, and they also build a strong foundation for healthy eating. All of these skills are mixed in with delicious food and fun.

All students receive an apron. Cookbooks will be e-mailed after the session containing the recipes made, so that they may share their new skills, experiences and tastes with everyone at home. Send in a plastic lidded container for your child to take home extra goodies from camp!

Baking “Boot Camp”  Ages 8–10
Move beyond the basics and stretch your baking repertoire to include things like biscuits, muffins, cupcakes, fruit tarts, and dessert sauces. Students will also learn measurements and equivalents, as well as basic techniques like folding, whisking, and rolling during this week.

Course: YOU805  5 Sessions
$180 + $60 fee = $240; Non-Md. residents add $25
Rockville Campus
CRN#: 13110  M,T,W,R,F  7/24-7/28  9 a.m.-12 p.m.

Books for Cooks  Ages 5–7
Tiny Chefs will be making connections between the world of cooking and the world of print! We will relate cooking concepts and recipes with themes and characters drawn from selected children’s books.

Or Cloudy with a Chance of Meatballs, paired with a spaghetti and meatballs party!

Course: YOU907  5 Sessions
$180 + $60 fee = $240; Non-Md. residents add $25
Rockville Campus
CRN#: 13136  M,T,W,R,F  8/7-8/11  1-4 p.m.

Books for Cooks  Ages 7–9
The older Gourmet Chefs set will explore the inner workings of a cookbook text, first decoding and preparing recipes selected from classics like Julia Child’s The Art of French Cooking, or from new favorites like Mario Batali’s Molto Italiano. Next, students will set to work crafting and testing their own recipes, creating one recipe by the session’s end. Your chef will be expert in reading recipes by the end of this series!

Course: YOU906  4 Sessions (No class 7/4)
$145 + $50 fee = $195; Non-Md. residents add $25
Rockville Campus
CRN#: 13135  M,W,R,F  7/3-7/7  1-4 p.m.

Tiny Chefs philosophy, “learning through cooking,” encourages children to discover the joys of cooking while obtaining basic educational skills and culinary techniques. Our instructors teach kids to follow recipes, measure and combine ingredients, and work together on a team all while promoting personal creativity. We strive to instill health-conscious values in kids along with the confidence to experiment with their own creations in the future.
Chopped  Ages 8–10
Never have food challenge reality shows been so popular and Chopped! is a favorite here at Tiny and Gourmet Chefs! We like it so much we decided to base a whole week long camp on the concept. Our version has the added twist of focusing on different cuisines every day of camp. So, each day the Gourmet Chef campers will be presented with a basket with 3 or 4 ingredients, which reflect these different cuisines—French, Italian, Mexican, Asian and “All-American”. Using those ingredients and working within those cuisines, they will challenge themselves to make mouthwatering specialties, traditional favorites and explore new ingredients, tastes and combinations.

Course: YOU808  5 Sessions
$180 + $60 fee = $240; Non-Md. residents add $25
Rockville Campus
CRN#: 13111  M,T,W,R,F  7/17-7/21  1-4 p.m.

Cupcake Wars  Ages 8–10
Cupcakes are all the rage and it’s a trend that’s clearly here to stay! If you’ve ever been curious about how the pros make those cupcakes so precious and ornate, and if competition is your middle name, then this is the week for you! We’ll spend three days on cupcake basics-measuring, mixing, baking, and frosting, and then finish the week with two days of baking battle! Small teams will face off with one another to compete for the title of “Best Cupcake!” May the best cupcake win!

Course: YOU807  5 Sessions
$180 + $60 fee = $240; Non-Md. residents add $25
Rockville Campus
CRN#: 43355  M,T,W,R,F  6/26-6/30  1-4 p.m.

Dips and Donuts
Does your kid love to dip their food? Chips in salsa, veggies in hummus, bread sticks in marinara sauce? How about dipping donuts in glazes and toppings? In this fun, nutritious and delicious camp, the Chefs will do all of that! Savory recipes like Mexican Layered Dip or Spinach and Artichoke Dip in Wonton Wrappers will be made side-by side with Lemon Glazed Blueberry Donuts and Pumpkin Donut Holes with Cinnamon Topping. These are just a few of the types of recipes your Chef will enjoy as they dip and dunk (and bake and blend) their way through this new camp!

Course: YOU905  5 Sessions
$180 + $60 fee = $240; Non-Md. residents add $25
Rockville Campus
Ages 5–7  CRN#: 13133  M,T,W,R,F  7/31-8/4  9 a.m.-12 p.m.
Ages 8–10  CRN#: 13134  M,T,W,R,F  7/31-8/4  1-4 p.m.

Kids Cook-Off  Ages 8–10
Kid cooks, bakers and chefs have joined the ranks of elimination style cooking contests and here at Tiny Chefs we are getting in on the action! In this exciting session, classes will be separated into rotating teams and each team will create recipes that are judged by the instructors in a blind taste test. Sometimes the teams will create the same item, and compete head to head, other times they will create different recipes within a theme such as Snack Attack or Sweet and Savory Pies. May the best team win!

Course: YOU912  5 Sessions
$180 + $60 fee = $240; Non-Md. residents add $25
Rockville Campus
CRN#: 13138  M,T,W,R,F  7/10-7/14  1-4 p.m.
Yang Academy

Yang Academy, a private day school with unique opportunities for students in mathematics and science, has expanded its offering at Montgomery College Youth Programs this year. It offers a comprehensive academic program and promotes creativity, efficiency, originality, and positive contributions to society.

ya@yangacademy.com • 301-294-0811
http://yangacademy.com/

Algebra I Grades 6–8
For students who will take Algebra I in the upcoming school year. Topics covered include exponents and radicals, linear equations and inequalities, ratio and proportion, systems of linear equations, factoring quadratics, completing the square, and the quadratic formula.

$250 + $50 fee = $300; Non-Md. residents add $25

Course: YOU879 5 Sessions Rockville Campus
CRN#: 13052 M,T,W,R,F 7/10-7/14 9 a.m.-12 p.m.
CRN#: 13053 M,T,W,R,F 7/24-7/28 9 a.m.-12 p.m.
CRN#: 13054 M,T,W,R,F 8/7-8/11 9 a.m.-12 p.m.

Algebra II Grades 8–10
For students who will take Algebra II, Algebra II with Analysis, or IB 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.

$250 + $50 fee = $300; Non-Md. residents add $25

Course: YOU883 5 Sessions Rockville Campus
CRN#: 13060 M,T,W,R,F 7/10-7/14 1-4 p.m.
CRN#: 13061 M,T,W,R,F 7/24-7/28 1-4 p.m.
CRN#: 13062 M,T,W,R,F 8/7-8/11 1-4 p.m.

Biology Grades 9–12
Topics from major branches of biology will be covered: ecology, cell biology, genetics, and the impact modern technology has made in the field of biology.

$250 + $50 fee = $300; Non-Md. residents add $25

Course: YOU897 5 Sessions Rockville Campus
CRN#: 13120 M,T,W,R,F 8/7-8/11 1-4 p.m.

Build Your Own Habitat! Grades 2–4
With limited resources, students will learn to build an environmentally friendly home and community for themselves and their friends. In an environment where learning is fun, students will practice their critical thinking skills and logic to solve problems, conserve resources, and be aware of environmental impact of their decisions.

$160 + $50 fee = $210; Non-Md. residents add $25

Course: YOU894 5 Sessions Rockville Campus
CRN#: 13114 M,T,W,R,F 7/10-7/14 9 a.m.-12 p.m.
CRN#: 13115 M,T,W,R,F 7/31-8/4 9 a.m.-12 p.m.
Calculus   Grades 10–12
For students who will take AP Calculus (AB or BC) in the upcoming school year. Topics covered include continuity,
limits, definition of derivatives, rules of differentiation, and applications of differentiation. Prerequisite: Pre-Calculus.
$250 + $50 fee = $300; Non-Md. residents add $25
Course: YOU888   5 Sessions   Rockville Campus
CRN#: 13071   M,T,W,R,F   8/14-8/18   9 a.m.-12 p.m.

Chemistry   Grades 9–12
Topics covered include unit analysis, atomic structure, periodic table of elements,
chemical reactions and equations, molar relationships and stoichiometry.
$250 + $50 fee = $300; Non-Md. residents add $25
Course: YOU898   5 Sessions   Rockville Campus
CRN#: 13121   M,T,W,R,F   8/14-8/18   9 a.m.-12 p.m.

Chemistry Lab 1   Grades 11–12
Laboratory experiments include measurements, synthesis, gas law relationships,
activity series of cations, acids and bases, and kinetics.
$250 + $50 fee = $300; Non-Md. residents add $25
Course: YOU900   5 Sessions   Rockville Campus
CRN#: 13123   F   7/14-8/11   9 a.m.-12 p.m.

Chinese Language and Culture   Grades 2–4
Students learn children’s songs and games, basic conversational Chinese, and fun facts and activities related to early
inventions in math and science.
$160 + $50 fee = $210; Non-Md. residents add $25
Course: YOU891   5 Sessions   Rockville Campus
CRN#: 13078   M,T,W,R,F   7/10-7/14   1-4 p.m.
CRN#: 13079   M,T,W,R,F   7/24-7/28   1-4 p.m.

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.
$160 + $50 fee = $210; Non-Md. residents add $25
Course: YOU903   5 Sessions   Rockville Campus
Grade 4   CRN#: 43358   M,T,W,R,F   6/26-6/30   1-4 p.m.
Grade 4   CRN#: 13131   M,T,W,R,F   8/7-8/11   9 a.m.-12 p.m.
Grade 5   CRN#: 13127   M,T,W,R,F   7/10-7/14   1-4 p.m.
Grade 5   CRN#: 13132   M,T,W,R,F   8/14-8/18   9 a.m.-12 p.m.
Grade 6   CRN#: 13128   M,T,W,R,F   7/17-7/21   1-4 p.m.
Grade 7   CRN#: 13129   M,T,W,R,F   7/24-7/28   1-4 p.m.
Grade 8   CRN#: 13130   M,T,W,R,F   7/31-8/4   9 a.m.-12 p.m.

Geometry   Grades 7–9
For students who will take geometry or honors geometry in the upcoming
school year. Topics covered include properties of two- and three-dimensional
geometric shapes and development of mathematical arguments about geometric
relationships.
$250 + $50 fee = $300; Non-Md. residents add $25
Course: YOU880   5 Sessions   Rockville Campus
CRN#: 43340   M,T,W,R,F   6/26-6/30   1-4 p.m.
CRN#: 13055   M,T,W,R,F   7/17-7/21   1-4 p.m.
CRN#: 13056   M,T,W,R,F   7/31-8/4   1-4 p.m.
CRN#: 13057   M,T,W,R,F   8/14-8/18   1-4 p.m.
Math Games, Puzzles, and Skills Grades 2–4
In a relaxed environment and with much flexibility, students learn and enjoy math games and puzzles while refining their foundational knowledge and skills. Students work collaboratively to reach their goals (set by themselves as teams). By the end of the week, each student should have learned to play one game and one puzzle that can be shared with friends and family outside of the camp.

$160 + $50 fee = $210; Non-Md. residents add $25

<table>
<thead>
<tr>
<th>Course: YOU889</th>
<th>5 Sessions</th>
<th>Rockville Campus</th>
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<tr>
<td>CRN#: 43342</td>
<td>M,T,W,R,F</td>
<td>6/26-6/30 9 a.m.-12 p.m.</td>
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<td>CRN#: 13072</td>
<td>M,T,W,R,F</td>
<td>7/24-7/28 9 a.m.-12 p.m.</td>
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<td>CRN#: 13073</td>
<td>M,T,W,R,F</td>
<td>8/14-8/18 9 a.m.-12 p.m.</td>
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Physics Grades 9–12
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.

$250 + $50 fee = $300; Non-Md. residents add $25

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<tr>
<th>Course: YOU899</th>
<th>5 Sessions</th>
<th>Rockville Campus</th>
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<td>CRN#: 13122</td>
<td>M,T,W,R,F</td>
<td>8/14-8/18 1-4 p.m.</td>
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Physics Lab 1 Grades 11–12
Laboratory experiments include measurements, the determination of gravitational acceleration, projectile motion, Newton’s second law (the Atwood Machine), and friction.

$250 + $50 fee = $300; Non-Md. residents add $25

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<tr>
<th>Course: YOU901</th>
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<td>CRN#: 13124</td>
<td>F</td>
<td>7/14-8/11 1-4 p.m.</td>
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Pre-Algebra Grades 5–7
Topics covered include order of operations, decimals, fractions, percents, pattern, relations, and introduction to functions. Questions from Math Olympiads for Elementary and Middle Schools, MATHCOUNTS, and AMC 8 are also covered in class.

$250 + $50 fee = $300; Non-Md. residents add $25

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<tr>
<th>Course: YOU884</th>
<th>5 Sessions</th>
<th>Rockville Campus</th>
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<tr>
<td>CRN#: 43341</td>
<td>M,T,W,R,F</td>
<td>6/26-6/30 9 a.m.-12 p.m.</td>
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<td>CRN#: 13063</td>
<td>M,T,W,R,F</td>
<td>7/17-7/21 9 a.m.-12 p.m.</td>
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<td>CRN#: 13064</td>
<td>M,T,W,R,F</td>
<td>7/31-8/4 9 a.m.-12 p.m.</td>
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<tr>
<td>CRN#: 13065</td>
<td>M,T,W,R,F</td>
<td>8/14-8/18 9 a.m.-12 p.m.</td>
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Pre-Calculus Grades 9–11
For students who will take Pre-Calculus, honors Pre-Calculus, IB Pre-Calculus, or IB Math Studies. Topics covered include trigonometry, vectors, sequences, and series. Prerequisite: Algebra II.

$250 + $50 fee = $300; Non-Md. residents add $25

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<th>Course: YOU887</th>
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<td>CRN#: 13070</td>
<td>M,T,W,R,F</td>
<td>8/14-8/18 1-4 p.m.</td>
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Presentation in Math and Science

Appreciate the power of math and science. In a group of 2-3, students will learn interesting facts in math and science and their applications, and present what they learned. This class will encourage students to think critically and logically to solve problems.

$150 + $50 fee = $200; Non-Md. residents add $25

Course: YOU895  5 Sessions  Rockville Campus
Grades 6–7  CRN#: 43357  M,T,W,R,F  6/26-6/30  6-8 p.m.
Grade 8  CRN#: 13116  M,T,W,R,F  7/10-7/14  6-8 p.m.
Grade 9  CRN#: 13117  M,T,W,R,F  7/17-7/21  6-8 p.m.
Grade 10  CRN#: 13118  M,T,W,R,F  8/7-8/11  6-8 p.m.

Reading Roundtable

In a relaxed environment and with much flexibility, students select books to read based on their interests. They may choose different formats to share the reading with their friends: stories, poetry, plays, acting, and/or drawing. Guided activities help students increase their love of reading, vocabulary, reading comprehension skills, and presentation skills (verbal and written). Students will have a finished product to take home at the end of the week.

$160 + $50 fee = $210; Non-Md. residents add $25

Course: YOU890  5 Sessions  Rockville Campus
CRN#: 13074  M,T,W,R,F  7/17-7/21  9 a.m.-12 p.m.
CRN#: 13075  M,T,W,R,F  8/7-8/11  9 a.m.-12 p.m.
CRN#: 13076  M,T,W,R,F  8/14-8/18  1-4 p.m.

SAT Subject Test Preparation/Mathematics

For students who will be taking the SAT math subject test in October 2017 or later. We will review background information and test-taking strategies.

$150 + $50 fee = $200; Non-Md. residents add $25

Course: YOU892  5 Sessions  Rockville Campus
CRN#: 13080  M,T,W,R,F  7/31-8/4  6-8 p.m.

Statistics

Topics covered include basic probability, descriptive statistics, and inferential statistics. Students will explore random phenomena using probability and simulation, estimate population parameters and test hypotheses while also learning to describe patterns and departures from patterns.

$250 + $50 fee = $300; Non-Md. residents add $25

Course: YOU896  5 Sessions  Rockville Campus
CRN#: 13119  M,T,W,R,F  8/7-8/11  9 a.m.-12 p.m.

Stories by LEGO® Builders

Children will make their own stories using LEGO® bricks and much more! During the week, campers will create one story on their own and one with two other friends. They may present their stories in writing, drawing, and/or videos (stop motion animation).

$160 + $50 fee = $210; Non-Md. residents add $25

Course: YOU893  5 Sessions  Rockville Campus
CRN#: 43356  M,T,W,R,F  6/26-6/30  1-4 p.m.
CRN#: 13112  M,T,W,R,F  7/17-7/21  1-4 p.m.
CRN#: 13113  M,T,W,R,F  7/31-8/4  1-4 p.m.
**A Sticky Situation: Duct Tape Art**  
*Grades 4–6*

Duct tape, an art material? Yes it is! This is your chance to explore the many uses for duct tape and how you can use it to create your very own artwork. We'll use duct tape to create 2D and 3D fine art pieces—both functional and nonfunctional. Learn to make items like flowers, bags, and wallets, as well as other 3D sculptures and 2D collages. No previous experience is necessary. The sky is the limit! Instruction by Cynthia J. Smidt, BA Art History, BA Art Education, UMCP  

**Course:** YOU497  
**5 Sessions**  
$145 + $55 fee = $200; Non-Md. residents add $25  
**Rockville Campus**  
CRN#: 12571  
M,T,W,R,F  
7/10-7/14  
9 a.m.-12 p.m.

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**Advanced Placement Readiness**  
*Grades 9–11 GT*

Prepare for taking Advanced Placement courses. Analyze articles, essay prompts, and sample responses, and heighten your comfort with the testing situation. Learn to support your opinions using text and data. Using logical thinking, enhance your awareness of the structure of your arguments and avoid fallacies in reasoning. Practice time-management skills. Learn ways to use calendars to make more effective use of your time. Add rhetorical strategies to your repertoire of testing skills and improve your understanding of standards found in Advanced Placement courses. Instruction by Jennifer Bauer  

**Course:** YOU466  
**5 Sessions**  
$150 + $50 fee = $200; Non-Md. residents add $25  
**Rockville Campus**  
CRN#: 12563  
M,T,W,R,F  
7/17-7/21  
9 a.m.-12 p.m.

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**Architectural Design-Spatial Problem Solving**  
*Grades 9–12*

Design is our future! Explore the design thinking framework of architecture. 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. Students will exercise drawing, model building, digital modeling, and digital editing skills. This is a fast paced “crash course” in architecture where technical skills are applicable to various design fields. This course is intended to prepare you for what is expected in the architectural design field. We will review current building innovations being made in the industry today and their technical applications. Instruction by Edrie Eichler, MC Architecture Faculty Member  

**Course:** YOU908  
**5 Sessions**  
$165 + $50 fee = $215; Non-Md. residents add $25  
**Rockville Campus**  
CRN#: 13147  
M,T,W,R,F  
7/10-7/14  
1-4 p.m.  
CRN#: 13148  
M,T,W,R,F  
7/24-7/28  
9 a.m.-12 p.m.

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**Architecture Through Google-Sketch-Up's CAD Design**  
*Grades 5–8*

In this course, students will develop their understanding of technology and its application in creating original three-dimensional Computer Aided Designs of buildings and art. This course will focus on students using 21st century learning skills with the computer as a tool to create 3D Computer Aided Designs of houses, parks, schools, office buildings and neighborhoods. You will be able to: work on PC computers and learn the software applications of Google Sketch-Up. By the end of this course, you will create a portfolio of CAD art. Instruction by Marynell Curtis  

**Course:** YOU921  
**5 Sessions**  
$200 + $50 fee = $250; Non-Md. residents add $25  
**Rockville Campus**  
CRN#: 13158  
M,T,W,R,F  
7/10-7/14  
9 a.m.-12 p.m.  
CRN#: 13159  
M,T,W,R,F  
7/24-7/28  
9 a.m.-12 p.m.  
CRN#: 13160  
M,T,W,R,F  
8/7-8/11  
9 a.m.-12 p.m.

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**Camps for High School Students**

You are never too old to learn, have fun, and invest in your future success!

Among our new camps for high school students and our repeats, note:

- **Career Development for High School Students:** includes résumé writing, interviewing skills, developing a career pathway, and more. Snatch up one of these spaces. Rave reviews for this teacher and experience.
- **Architectural Design-Spatial Problem Solving:** taught by an experienced architect and college professor. Real technical design skills, cutting innovations, and more. (two sections.)
- **College Bound High School Students:** with peers in a small group, chart your path with an experienced high school resource teacher.
Career Development for High School Students
Grades 10–12
In a small group you will learn about career options, how to develop a career pathway, the tools of career development and how to take an active role in creating your own career opportunities. You will write effective résumés, cover letters, hone your interviewing skills, learn how to search for career opportunities, and better understand the variety of leadership styles in the workplace. Brief readings or case studies will be provided and the group will engage in dialogues with government officials, as well as business and civic leaders. The program will incorporate how to “grow global” by studying, interning and working across borders. You will spend time exploring international opportunities to expand career development. Instructor: Kim Jones
Course: YOU909 5 Sessions
$300 + $50 fee = $350; Non-Md. residents add $25
Rockville Campus
CRN#: 13149 M,T,W,R,F 7/24-7/28 9 a.m.-3 p.m.

College Readiness Begins in Middle School
Grades 6–8
Middle School is an important time for early postsecondary planning and educators recommend that students begin planning for college as early as sixth grade. This College Readiness course will play a key role in guiding early preparation by providing college and career planning information, and helping students through the many steps in postsecondary planning. You will be introduced to setting education goals, careers and majors, researching colleges/universities, exploring the college admissions process and applications, financial aid/scholarships, career guest speakers, campus tours, résumés and more. Instruction by Tammy Patterson
Course: YOU910 5 Sessions
$275 + $50 fee = $325; Non-Md. residents add $25
Rockville Campus
CRN#: 13155 M,T,W,R,F 7/17-7/21 9 a.m.-3 p.m.

Cartooning, Comics, and Manga
Grades 5–8
Explore the many forms of cartoon drawings (caricatures, one-panel sight gags, editorial cartoons), comic strips/books (superhero comics, adventurous illustrations, westerns, sci-fi, and detective comics), long-form illustrated narratives (graphic novels, non-fiction subjects), and Japanese manga. Apply your powers of observation and imagination to a variety of projects: creating original characters, designing pages, drawing caricatures, making flip books, and developing a comic strip/book. You will be encouraged to experiment with various drawing media and techniques. Instruction by Ellen Vartanoff
Course: YOU178 5 Sessions
$145 + $50 fee = $195; Non-Md. residents add $25
Rockville Campus
CRN#: 13091 M,T,W,R,F 8/7-8/11 9 a.m.-12 p.m.
CRN#: 13093 M,T,W,R,F 8/14-8/18 9 a.m.-12 p.m.

Chin Up, Girl!
Grades 6–8
Young STRONG ladies...discover your voice, what you stand for, what you believe in, and what truly makes you happy. Build confidence through self-expression and personal connections. Learn strategies to ease school stress, embrace leadership, and promote healthy friendships. Build mental and physical strength by exercising the mind and body: learn yoga, dance, gymnastics, aerobics, and group mediation alongside the instructor, Natalie Blank, a certified personal trainer, dance teacher, and CrossFit coach, who will motivate you to keep your chin up, girl!
Course: YOU476 5 Sessions
$135 + $45 fee = $180; Non-Md. residents add $25
Rockville Campus
CRN#: 12567 M,T,W,R,F 8/7-8/11 1-4 p.m.
Computer Animation with Adobe Flash
Grades 6–8 GT
Learn how to draw and animate using Adobe Flash CS6, a very popular web-based animation software. Learn about the tools of the trade for graphic and web designers. Get hands-on experience using top-of-the-line software to create frame-by-frame animations and “tweened” animations with sound and special effects. Learn basic animation concepts and procedures used by professional animators such as easing in, pose-to-pose animating, and straight-through animation. Learn about character design and illustration to create your own character in an animation. Instruction by John Overman
Course: YOU844 4 Sessions
$120 + $50 fee = $170; Non-Md. residents add $25
Rockville Campus
CRN#: 12607  M,W,R,F  7/3-7/7  9 a.m.-12 p.m.
No class 7/4
Course: YOU842 5 Sessions
$145 + $50 fee = $195; Non-Md. residents add $25
Rockville Campus
CRN#: 12614  M,T,W,R,F  7/10-7/14  9 a.m.-12 p.m.
CRN#: 12615  M,T,W,R,F  7/24-7/28  9 a.m.-12 p.m.
CRN#: 12616  M,T,W,R,F  8/7-8/11  9 a.m.-12 p.m.

Computer Programming 1
Grades 6–8
Use the MIT-developed programming language, Scratch, to investigate the foundations of computer programming. Through the creation of a variety of applications and games, you will learn essential common programming structures that can be applied to any future languages that you learn. An emphasis is placed on balancing rigor and fun, and you will have many opportunities to flex your creative muscles in the creation of your programs. By the end of camp, you will design a large-scale program of your own, and have the opportunity to share your application with the outside world over the Internet! Instruction by David Hill
Course: YOU576 9 Sessions
$410 + $65 fee = $475; Non-Md. residents add $25
Rockville Campus
CRN#: 43006  M,T,W,R,F  6/26-7/7  9 a.m.-3 p.m.
No class 7/4

Computer Programming 2
Grades 6–8
Use the programming language, Visual Basic, to create a variety of applications and games, building on the foundational tools of programming introduced in Computer Programming 1. Learn the organizational advantages to using a visual programming language, and begin to work with writing your own code rather than dragging and dropping commands as you did in Scratch. Learn to deal with the syntax errors that this new freedom creates, and move on to explore the large 'toolbox' that Visual Basic provides its programmers. Emphasis is placed on creating applications that solve real-world programming problems, and you will have the opportunity to create a large-scale game or application of your own to complete the class. Prerequisite: Computer Programming 1 or Algebra I.
Instruction by David Hill
Course: YOU578 10 Sessions
$427 + $68 fee = $495; Non-Md. residents add $25
Rockville Campus
CRN#: 12572  M,T,W,R,F  7/10-7/21  9 a.m.-3 p.m.

Creative Speaking and Writing
Learn to create an impressive presentation that informs, persuades, inspires, and conveys a compelling message. Through practice and feedback, master the techniques for delivering consistent, successful presentations. Create powerful visual aids to add impact, and learn the tools and techniques needed to grab and hold the interest of an audience. Overcome your public speaking fears and gain confidence to deliver polished presentations of any kind. Instruction by Nekesha Price
Course: SCH823 5 Sessions
Grades 4–5
$145 + $50 fee = $195; Non-Md. residents add $25
Rockville Campus
CRN#: 12594  M,T,W,R,F  7/31-8/4  9 a.m.-3 p.m.
Course: YOU846 9 Sessions
Grades 6–8
$220 + $55 fee = $275; Non-Md. residents add $25
Rockville Campus
CRN#: 12593  M,T,W,R,F  8/7-8/18  9 a.m.-3 p.m.
No class 7/4
Course: SCH738 10 Sessions
Grades 6–8
$245 + $60 fee = $305; Non-Md. residents add $25
Rockville Campus
CRN#: 12593  M,T,W,R,F  8/7-8/18  9 a.m.-3 p.m.
Digital Fab Lab Camp

The Montgomery College Fab Lab is holding its annual Digital Fab Lab Summer Camp. Using the College’s state-of-the-art machine tools, explore 3D printing (with support material), laser cutting, vinyl cutting, and woodworking capabilities. Learn the proper and safe methods for using these tools to fabricate “almost anything.” Use SolidWorks, CorelDraw, and Inkscape software to program your chosen objects and create them using several different materials, including wood, acrylics, vinyl and plastics. Join us and learn to bring your ideas to “life.” Prerequisites: Good math skills. Basic knowledge of computers. Instruction by David Carrington.

Course: YOU739 5 Sessions
$350 + $100 fee = $450; Non-Md. residents add $25

Rockville Campus

Grades 6–8 GT
CRN#: 13038 M,T,W,R,F 7/10-7/14 9 a.m.-4 p.m.

Grades 9–12 GT
CRN#: 13039 M,T,W,R,F 7/17-7/21 9 a.m.-4 p.m.

Digital Graphics Arts with Adobe Photoshop and Illustrator

Grades 6–8 GT
Explore contemporary digital art techniques for creating prints and art for the web. Learn to use imaging tools and processes to create modern graphics, illustrations, and commercial/advertising art. An introduction to Adobe Photoshop CS6 and Adobe Illustrator CS6 will include layers, tools, and file formats. Learn to import and export files from devices like scanners and cameras and create original images. Students will leave with a printed portfolio of work. Instruction by John Overman.

Course: YOU850 4 Sessions
$137 + $55 fee = $192; Non-Md. residents add $25

Rockville Campus
CRN#: 12609 M,W,R,F 7/3-7/7 1-4 p.m.
No class 7/4

Course: YOU697 5 Sessions
$185 + $55 fee = $240; Non-Md. residents add $25

Rockville Campus
CRN#: 12599 M,T,W,R,F 7/17-7/21 9 a.m.-12 p.m.
CRN#: 12600 M,T,W,R,F 7/24-7/28 1-4 p.m.
CRN#: 12601 M,T,W,R,F 8/14-8/18 9 a.m.-12 p.m.

Dive Into Summer Writing

Grades 1–3
A fun filled writing camp that will help increase your vocabulary and aid in composition writing. Learn basic grammar, write in daily journals, create a book review and play language arts hands-on games. Instruction by Anita Blank

Course: YOU792 4 Sessions
$135 + $55 fee = $190; Non-Md. residents add $25

Rockville Campus
CRN#: 12581 M,W,R,F 7/3-7/7 9 a.m.-12 p.m.
No class 7/4

Dot, Dot Georges Seurat!

Grades 2–5
In this class, you will learn about art movements, what was happening in the world when the art was created, and why artists created the way they did and used the materials they did. Then, based on this knowledge, you will use materials provided to create drawings, paintings and sculptures in the style of artists from Impressionist to Abstract. You will showcase your projects in a final day gallery-type presentation for viewing and discussion with family and friends. Instruction by Marynell Curtis

Course: YOU923 5 Sessions
$145 + $55 fee = $200; Non-Md. residents add $25

Rockville Campus
CRN#: 13164 M,T,W,R,F 7/17-7/21 9 a.m.-12 p.m.
CRN#: 13165 M,T,W,R,F 7/31-8/4 9 a.m.-12 p.m.
CRN#: 13166 M,T,W,R,F 8/14-8/18 9 a.m.-12 p.m.
Effective Writing
Grades 4–6
Writing is one of the most important skills needed to succeed academically. Learn some of the practical skills for effective writing. Practice writing and gain confidence in recognizing and correcting grammatical errors and understanding the fundamentals of sentence structure, punctuation, and word usage. Learn techniques for generating divergent ideas for compositions and story writing. Instruction by Anita Blank
Course: SCH964 5 Sessions
$110 + $50 fee = $160; Non-Md. residents add $25
Rockville Campus
CRN#: 43001 M,T,W,R,F 6/26-6/30 9 a.m.-12 p.m.

Everyone’s a Star
Grades K–4
Experience firsthand what it’s like to work with a team to put on a play that’s fun and educational at the same time. Go through auditioning, rehearsing, creating costumes, putting on makeup, gathering props, building sets and, finally, performing—all within the boundaries of fun and direction. Each student gets an on-stage part, and is part of the performance process. Fun guaranteed! ACTORS: Please dress comfortably for each rehearsal; wear shoes that have backs (for safety); and bring a small, healthy snack (e.g., fruit or pretzels) and a water bottle with your name on it. Instruction by Natalie Blank
Course: SCH965 10 Sessions
$145 + $50 fee = $195; Non-Md. residents add $25
Rockville Campus
CRN#: 12555 M,T,W,R,F 7/10-7/21 1-4 p.m.

Explore the Magic of Reading, Writing, and Technology
Grades 4–5
Authors of children’s books often include hidden meanings, a mystery, amazing facts, or an interesting effect through art. Come explore these fascinating books by a variety of authors including Chris Van Alsburgh, Eric Carle, and Mary Pope Osbourne. Improve your reading and writing skills while adding a touch of technology to enhance your author study. Plus create your own 3D board game based on your favorite book! Instruction by Natalie Blank.
Course: YOU837 4 Sessions
$130 + $45 fee = $175; Non-Md. residents add $25
Rockville Campus
CRN#: 12583 M,W,R,F 7/3-7/7 1-4 p.m.
No class 7/4

Fantasy Drawing and Science Fiction Illustrations
Grades 5–8
This class will be an exploration of different created worlds, and how to make them “real” or “lived-in” by drawing, painting and utilizing other mixed media. Research into universes such as Star Trek, Star Wars, Harry Potter, and Lord of the Rings. Other science fiction will be used as a jumping off point for the aspects of the alien or fantasy cultural and technical milieu. Instruction by Ellen Vartanoff
Course: YOU902 5 Sessions
$145 + $50 fee = $195; Non-Md. residents add $25
Rockville Campus
CRN#: 13125 M,T,W,R,F 8/7-8/11 1-4 p.m.
CRN#: 13126 M,T,W,R,F 8/14-8/18 1-4 p.m.

Gurl Power
Grades 6–8 (Girls Only)
Explore the wonderful world of the Internet. Create and publish a website with your signature personality! Design with pro tools like Adobe Dreamweaver® and Adobe Photoshop®, as well as Wacom® pen tablets. Make your website come alive with animations created in the powerful motion graphics world of Adobe Flash®. Create stunning, high-resolution 3D game environments and characters. Using the intuitive tool set featured in Autodesk Maya®, the software package used in top game development and film studios, build your own 3D models and characters, and receive an introduction to character animation. Instruction by Jo Doerrman
Course: YOU833 5 Sessions
$210 + $50 fee = $260; Non-Md. residents add $25
Rockville Campus
CRN#: 43009 M,T,W,R,F 6/26-6/30 9 a.m.-3 p.m.
Course: SCH602 10 Sessions
$427 + $68 fee = $495; Non-Md. residents add $25
Takoma Park/Silver Spring Campus
CRN#: 12552 M,T,W,R,F 7/10-7/21 9 a.m.-3 p.m.
Hands on Art History: I Can Do That Too!

Grades 5–8
You will learn about famous works of art and the artists that produced them. Based on this knowledge, you will use materials provided to create drawings, paintings and sculptures in the style of the artists, from Mary Cassatt to Jackson Pollock and beyond, from Impressionism to Abstraction. You will showcase your daily projects in a final day gallery-type presentation for viewing and discussion with family and friends. Instruction by Marynell Curtis

Course: YOU922  5 Sessions
$145 + $55 fee = $200; Non-Md. residents add $25

Rockville Campus
CRN#: 13162  M,T,W,R,F  7/31-8/4   1-4 p.m.
CRN#: 13163  M,T,W,R,F  8/14-8/18  1-4 p.m.

Introduction to Arduino: Building Programmable Games, Toys, or Devices

Grades 6–9
This course will teach the basics building and programming simple devices using Arduino, a physical computing platform based on a microcontroller board with its own program development environment. Arduino uses the Arduino C programming language, based on C. Learn how to create a simple breadboard circuit, then add a variety of sensory inputs and output actions that you will program. By the end of the course, you will build and program your own fun game, toy, or device to take home. Examples of past projects are mood lights, robotic arms, and “evil eyes.” Instructor: Monica Mallini, MC Engineering Faculty

Course: YOU915  5 Sessions
$290 + $100 fee = $390; Non-Md. residents add $25

Germantown Campus
CRN#: 43367  M,T,W,R,F  6/26-6/30   9 a.m.-3 p.m.

Introduction to Capoeira

Capoeira (pronounced ka-poo-eyh-rah) is an Afro-Brazilian martial art and self-defense discipline that incorporates fighting techniques, acrobatics, dance, percussion, and songs, in a rhythmic dialogue of body, mind, and spirit. Capoeira is such an important art expression that it is part of the UNESCO list of Intangible Cultural Heritage of Humanity. Capoeira brings many physical, mental, and social benefits, particularly for young people whose bodies and minds are growing. Instruction by Abada-Capoeira DC

Course: YOU914  5 Sessions
$220 + $60 fee = $280; Non-Md. residents add $25

Rockville Campus
CRN#: 43361  M,T,W,R,F  6/26-6/30   9 a.m.-12 p.m.
CRN#: 13143  M,T,W,R,F  7/10-7/14  9 a.m.-12 p.m.

Introduction to Sewing

Ages 9–16
In this intensive 5-day camp, we will learn how to use a sewing machine, how to make some basic yet fun projects, and how to make some essential hand-stitches. We will also learn about different fibers and materials, how to use a pattern, and other fundamental sewing skills. All materials and machines will be provided. Instruction by Anne LeVeque.

Course: YOU716  5 Sessions
$205 + $60 fee = $265; Non-Md. residents add $25

Takoma Park/Silver Spring Campus
CRN#: 12962  M,T,W,R,F  8/7-8/11   9 a.m.-3 p.m.

It’s a Museum City!

Ages 8–12
Explore the most remarkable art museums and exhibitions in Washington, D.C., let alone the world! Travel by subway to the cultural wing of the new National Museum of African American History and Culture, The Hirshhorn Museum and Sculpture Garden, 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’ll discuss cultural themes and elements of art, such as color and texture and shape. We’ll also take advantage of the museums educational programs. So bring your lunch and wear your walking shoes as we’ll visit one museum a day for a week. In the event of museum schedule changes, we may consider visiting other museums, such as The Museum of American History or The National Gallery of Art. Instruction by Mary Margaret Delaney

Course: YOU524  5 Sessions
$230 + $80 fee = $310; Non-Md. residents add $25

Rockville Campus
CRN#: 13108  M,T,W,R,F  7/24-7/28   9 a.m.-4 p.m.

It’s Up for Debate

Grades 6–8 GT
Learn the many skills and procedures for holding an orderly and lively debate. Learn to conduct research that will help you to present an informed argument. Learn how to properly support and defend a point of view. View an argument from all sides, not merely from a single perspective. Practice public speaking and learn to work successfully in a group environment. Instruction by Kraig Bauer

Course: YOU834  9 Sessions
$185 + $50 fee = $235; Non-Md. residents add $25

Rockville Campus
CRN#: 43011  M,T,W,R,F  6/26-7/7   9 a.m.-12 p.m.

No class 7/4
JAVA Programming Introduction  
Grades 9–12 GT  
Learn Java programming in Montgomery College’s hands-on computer labs. Learn Object Oriented Programming (OOP) essentials and use Java's Software Development Kit (JDK) to compile and run programs. Topics include data types, operators, loops, classes, objects, methods, arrays, and class inheritance. Use AWT and Java Swing packages to develop Graphical User Interface (GUI) web applications, including event listeners, text boxes, radio buttons, check boxes, menus, and images. Instructor-led in-class exercises and textbook exercises will be emphasized for hands-on teaching of programming skills. Prerequisites: Grades 9–12 GT students; Algebra skills. Basic knowledge of computers (starting programs, saving files). Interests in science and computing. Instruction by Stephen Sell. 
Course: YOU794  
$360 + $55 fee = $415; Non-Md. residents add $25  
Germantown Campus  
CRN#: 12582  
M,T,W,R,F  
7/3-7/14  
9 a.m.-12 p.m.  
No class 7/4

Keys to Algebra Success  
Grades 7–9  
Develop the skills needed to be successful in Algebra I, and learn test taking strategies for the HSA/PARCC assessment. Both are Maryland State high school graduation requirements. Learn such skills as how to solve equations, rules related to patterns and functions, evaluating expressions, and graphing. Develop problem solving and risk taking strategies needed to “attack” real world math situations. Instruction by Heather Germain. 
Course: YOU734  
$165 + $50 fee = $215; Non-Md. residents add $25  
Rockville Campus  
CRN#: 43354  
M,T,W,R,F  
6/26-7/7  
9 a.m.-12 p.m.  
No class 7/4  
Course: YOU733  
$175 + $50 fee = $225; Non-Md. residents add $25  
Rockville Campus  
CRN#: 13109  
M,T,W,R,F  
7/31-8/11  
9 a.m.-12 p.m.

Keyboarding for Computers  
It’s never too soon to learn basic keyboarding skills. Don’t get caught in the “hunt-and-peck” method trap! Learn correct finger positions so you will be an efficient computer operator. One student per IBM-compatible computer. Instruction by Janet Bergman. 
Course: SCH294  
$100 + $50 fee = $150; Non-Md. residents add $25  
Rockville Campus  
Grades 3–4  
CRN#: 43010  
M,T,W,R,F  
6/26-6/30  
9 a.m.-12 p.m.  
Grades 7–9  
CRN#: 12591  
M,T,W,R,F  
7/17-7/21  
9 a.m.-12 p.m.  
Grades 5–6  
CRN#: 12592  
M,T,W,R,F  
8/7-8/11  
9 a.m.-12 p.m.

Legal Eagles I: Trial by Jury  
Grades 7–9  
Imagine for a moment you were going to determine whether or not someone is innocent or guilty. Take turns being a prosecutor, judge, and jury in this intriguing introduction to law and the court system. Within this course you get to hear cases, present testimony, and decide the verdict in a mock trial. To do this, however, you will learn the basics of being a lawyer and the tools and tactics that they use. In this course, you will become familiar with identifying problems with legal arguments, how to use evidence to prove your case, the art of debate, and how to interpret different laws to defend your clients. Additionally, you will also learn some of the stranger laws that are still on the books and how they got to be there. Instruction by Paul Kio. 
Course: YOU885  
$150 + $55 fee = $205; Non-Md. residents add $25  
Rockville Campus  
CRN#: 13066  
M,T,W,R,F  
7/17-7/21  
1-4 p.m.  
CRN#: 13067  
M,T,W,R,F  
7/31-8/4  
9 a.m.-12 p.m.  
CRN#: 13068  
M,T,W,R,F  
8/7-8/11  
1-4 p.m.
Legal Eagles II: Advanced Trials
Grades 7–10
Legal Eagles: Advanced Trials will engage students in a variety of topics to enhance and develop their skills in logic based reasoning and its applications to case law. The topics to be covered within this class are as follows: A Brief Review of legal background and procedures, logic based reasoning exercises, and mock trials in civil and criminal law. Students who have already taken Legal Eagles: Trial by Jury or have previous knowledge or experience in studying law should consider this class as a more in-depth look of legal practice, placing an emphasis on mock trials where students will take turns rotating between working as a legal team and various other roles involved in a trial. By the end of the class, students will gain experience in argumentation techniques, organization and categorization of evidence, evidence interpretation, and will have a comfortable and fluid understanding of the trial process and its various procedures. Prerequisite: completion of Legal Eagles I or have skills comparable to those who have completed Legal Eagles I.
Course: YOU886
$150 + $55 fee = $205; Non-Md. residents add $25
Rockville Campus
CRN#: 13069 M,T,W,R,F 8/7-8/11 9 a.m.-12 p.m.

Master Your Presentations
Grades 3–5
Wow your classmates! Learn to write and present your speeches using the latest technology. Working individually and in small groups, learn to inform, persuade, and entertain while mastering Microsoft PowerPoint, Publisher, and Inspiration software. Instruction by Anita Blank
Course: SCH740
$100 + $55 fee = $155; Non-Md. residents add $25
Rockville Campus
CRN#: 12553 M,T,W,R,F 7/10-7/14 9 a.m.-12 p.m.

Mastering Writing Techniques
Grades 4–5
Are you an avid reader or a serious writer? Do you want an opportunity to master your writing skills? This course will teach you the techniques you need. Examine samples of children’s books by famous writers. Learn how they use figurative language to create masterful works of art. Share ideas and critique works by your peers. Then, create your very own masterpiece.
Instructor: Anita Blank
Course: YOU845
$92 + $40 fee = $132; Non-Md. residents add $25
Rockville Campus
CRN#: 12608 M,W,R,F 7/3-7/7 1-4 p.m.
No class 7/4

Making 3D Models
Grades 7–9 GT
The game industry, world-wide, is now over a $100 Billion strong and continues to grow at a rate of 10% a year. The future looks very bright in the production of new game material. So, do you want to be a game maker? Do you have any idea of what is involved in the production of games? Do you know if you have any of the skills needed? Here is your chance to find out. Learn the four elements of making a good game: 1) an idea, 2) a character, 3) programming to create behavior and movement, and 4) voices and sounds. Learn to work with some of these components to create objects and characters. Add some sound and maybe some motion. It would be good if you have had Algebra and are not afraid to sketch. Instruction by Calvin Edwards
Course: YOU192
$240 + $60 fee = $300; Non-Md. residents add $25
Rockville Campus
CRN#: 12597 M,T,W,R,F 7/10-7/14 1-4 p.m.

MC Cybercamp
Grades 7–12
The Montgomery College Cybersecurity Lab is holding its second Cybersecurity Summer Camp. Come experience, in this new specially designed lab, the fun of learning about the cybersecurity principles that are relevant and applicable to everyday life. Learn the importance of cyber safety and how to protect your personal devices and information from outside threats. Explore cybersecurity career opportunities, and discuss cyber ethics, online safety, how computers work, and cyber threats. On the last day, participate in a mock cyber defense competition! Don’t miss this exciting program. It’s an experience you won’t forget.
Course: YOU797
$250 + $50 fee = $300; Non-Md. residents add $25
Germantown Campus
CRN#: 12964 M,T,W,R,F 7/17-7/21 9 a.m.-1 p.m.
Mysteries in History
Grades 6–8
Who built Stonehenge and why? Where are the Seven Wonders of the World, and who decided they were wonderful? What happened to the people of Easter Island? How did the Egyptians build the pyramids without using pulleys? These and other mysterious events in history make learning an exciting process and introduce you to intriguing events from the past. This class is a historic version of “Unsolved Mysteries” and promises to be just as entertaining. Instruction by Paul Kio
Course: YOU704 5 Sessions
$135 + $55 fee = $190; Non-Md. residents add $25
Rockville Campus
CRN#: 13036  M,T,W,R,F  7/17-7/21  9 a.m.-12 p.m.
CRN#: 13037  M,T,W,R,F  7/31-8/4  1-4 p.m.

Psych: What It All Means
Grades 5–9
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 hands-on class, learn the regions of the brain and construct a model brain. Discover and test the functions of the five senses. Create optical illusions, learn the stages of sleep, and explore the meaning of dreams. Learn ways to improve your memory and discover techniques to train people and pets. It all happens here in “Psych: What It All Means.” Don’t miss it! Instruction by Jennifer Bauer
Course: YOU467 5 Sessions
$145 + $50 fee = $195; Non-Md. residents add $25
Rockville Campus
CRN#: 12564  M,T,W,R,F  7/10-7/14  9 a.m.-12 p.m.

Python: A Practical Introduction to Programming
Grades 9–12 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: Grades 9–12 GT students; algebra skills. basic knowledge of computers (starting programs, saving files), interested in science and computing. Instruction by Stephen Sell
Course: YOU796 9 Sessions
$360 + $55 fee = $415; Non-Md. residents add $25
Germantown Campus
CRN#: 43007  M,T,W,R,F  6/26-7/7  1-4 p.m.
No class 7/4

Reading Adventures
Grades 1–3
Travel to many exciting places through the magic of books. Reading, vocabulary, and comprehension skills will be increased through discussions, writing, and art projects. Come journey through the adventures of reading! Instruction by Natalie Blank
Course: SCH909 5 Sessions
$125 + $50 fee = $175; Non-Md. residents add $25
Rockville Campus
CRN#: 12554  M,T,W,R,F  7/24-7/28  1-4 p.m.

Reading for the SAT/ACT
Grades 9–12 GT
Prepare for the reading section of the SAT and ACT. Analyze typical SAT/ACT reading prompts and sample responses. Heighten your comfort with the testing situation, and enhance your confidence and speed in reading. Learn the common types of questions asked and how to best answer them. Add rhetorical strategies to your repertoire of reading skills and improve your understanding of Standard English usage through direct instruction and practice. Instruction by Kraig Bauer.
Course: YOU729 5 Sessions
$145 + $50 fee = $195; Non-Md. residents add $25
Rockville Campus
CRN#: 12602  M,T,W,R,F  7/10-7/14  9 a.m.-12 p.m.
SAT/ACT Writing: Multiple Choice and Essay Skills
Grades 9–12 GT
Prepare for the multiple choice writing and essay sections of the SAT and ACT. Learn the writing skills tested by the SAT/ACT. Heighten your comfort with the testing situation. Analyze the new SAT/ACT 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. 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 direct instruction and practice. All of this to improve scores on the multiple choice and essay sections of both the SAT and ACT tests. Instruction by Jennifer Bauer.
Course: YOU798  9 Sessions
$185 + $55 fee = $240; Non-Md. residents add $25
Rockville Campus
CRN#: 43008  M,T,W,R,F  6/26-7/7  9 a.m.-12 p.m.
No class 7/4

Soft Circuits: Making Programmable Designs/Wearables or Stuffed Toys
Grades 6–9
High-tech meets fashion! This introductory programming class uses “wearables” as a platform for learning the operation of basic electric circuits. You will design, construct, and program a stuffed toy or fashion item with sensory inputs and active outputs. For example, a bracelet that lights in rhythm to music, or a stuffed toy that “purrs” when it is pet. You will sew electronic components into your designs using special conductive thread then program an Arduino microcontroller to bring your creation to life. No prior programming experience is required. You should have good keyboard skills and be able to use small hand tools such as wire cutters, pliers, and sewing needles. At the end of the course, you will keep your projects. Instructor: Monica Mallini
Course: YOU918  4 Sessions
$210 + $100 fee = $310; Non-Md. residents add $25
Germantown Campus
CRN#: 13152  M,W,R,F  7/3-7/7  9 a.m.-3 p.m.
No class 7/10

Spectacular Sculpture: Plaster, Clay, and Wire, Oh My!
Grades 6–9
If you like to experiment, this class is for you! Join us as we explore the stupendous world of sculpture and its many different forms! Learn to work with clay, wire, and plaster, just to name a few. Bring your imagination and a smock, and leave with your own precious works of art. Instruction by Cynthia J. Smidt, BA Art History, BA Art Education, UMCP
Course: YOU496  5 Sessions
$120 + $65 fee = $185; Non-Md. residents add $25
Rockville Campus
CRN#: 12570  M,T,W,R,F  7/10-7/14  1-4 p.m.

Super Software Mania
Grades 5–6
Do you want to maximize your time and effectiveness in school? Come learn about the three most commonly used programs in school and beyond—Microsoft Word, Excel, and PowerPoint. Learn to use these programs by creating your own fictional business in this exciting program! Design a budget for your business by finding real-world information on the web. Create flyers to advertise your business. Design a presentation about your business to show to potential ‘investors.’ Other topics such as effectively searching the web and how to use image editing programs will also be covered. Instruction by David Hill
Course: YOU487  5 Sessions
$210 + $50 fee = $260; Non-Md. residents add $25
Rockville Campus
CRN#: 12568  M,T,W,R,F  7/24-7/28  9 a.m.-3 p.m.

Theatre Arts and Design
Grades 5–8
Have you ever seen a play and wondered how that amazing set was built? How those costumes were put together? How they made the makeup look so real? Have you ever wanted to try creating those things for yourself? Then, look no further! This course is designed for you! Explore the theatre arts and learn the basics of costumes, makeup, and scenery. Work on individual and group projects such as designing costumes for a play of your choice, putting on stage makeup, and drawing three-dimensional sets. A brief history of theatre will be given and you will be encouraged to develop both your skills and imagination. Instruction by Natalie Blank
Course: YOU049  5 Sessions
$130 + $55 fee = $185; Non-Md. residents add $25
Rockville Campus
CRN#: 12556  M,T,W,R,F  7/31-8/4  1-4 p.m.
Vector Skills Development
Grades 7–9
Half wear hoods and masks. Some have pointed ears. There’s even a whole ‘corp’ with fancy colored rings. Of course there’s the traditional large letter across somebody’s chest. Or just a simple belt buckle, you can guess. The most important part of a super hero is, their bling! If YOU had an emblem what would it say; what would it be? Come and design stuff. Learn how it’s done. Learn to make logos, emblems, jewelry, emojis, and such. Come and have fun, designing new stuff. A very hands-on exploration into design. Vector software (also known as “drawing” programs). One of the roughest ‘art creation’ concepts to learn, but with one of the cleanest results. You’ll learn object control, curves, type, color and placement of art. By the end of the week, you’ll learn you can do it, and maybe leave with your own shield to prove it. This is NOT a fab lab course, but all the concepts that you will learn are used in creating rapid prototype objects. Instruction by Calvin Edwards—a comic book lover and former toy engineer.

Course: YOU920 5 Sessions
$250 + $60 fee = $310; Non-Md. residents add $25
Rockville Campus
CRN#: 13157  M,T,W,R,F  7/17-7/21  1-4 p.m.

Web Design for Boys and Girls
Grades 6–8
The worlds of web and visual arts collide in this cutting edge introductory course. Learn to make your own website and how to take professional pictures and import them to your site. Explore the basics of color theory and make your website pop with dynamic animations created in Adobe Flash. Create anything from a basic web page to an innovative, artistic site with interactive functions. Then publish your vision online to share with friends, family, our summer web camps and the world to see! In order to publish your projects on free web space, you will need an e-mail account prior to the first day of class. Please remember to keep your password in a safe place. Instruction by David Hill

Course: YOU489 10 Sessions
$427 + $68 fee = $495; Non-Md. residents add $25
Rockville Campus
CRN#: 12569  M,T,W,R,F  7/31-8/11  9 a.m.-3 p.m.

Whose Line Is It Anyway?
Grades 5–8
Improvisation uses teamwork, trust, acceptance of others, and a “Yes, and…” attitude. These skills not only apply to life, but also build character, creativity, and confidence. So get wacky, play exciting games, meet new friends, and learn the secrets behind great improv, as well as techniques to ace your future acting auditions. Actors will end the week with a “Whose Line Is It Anyway?” performance (based off the popular TV show) to showcase their new skills for family and friends. Instruction by Natalie Blank.

Course: YOU388 5 Sessions
$135 + $50 fee = $185; Non-Md. residents add $25
Rockville Campus
CRN#: 12562  M,T,W,R,F  8/14-8/18  1-4 p.m.

Writing Games and Digital Stories in the New ALICE
Grades 7–9 GT
Create an animated digital video where you not only direct the action and design the story, but you also build the 3D characters. Learn how to teach the character to behave on your video set, as you develop a script for the actions. All the while, you’ll be learning the newest and most advanced computer controllers with JAVA. The course material is supported by Adobe 3D Studio MAX and Carnegie-Mellon’s software called ALICE. Instruction by Calvin Edwards

Course: YOU208 5 Sessions
$250 + $60 fee = $310; Non-Md. residents add $25
Rockville Campus
CRN#: 12598  M,T,W,R,F  7/31-8/4  1-4 p.m.

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!

Visit us on online and check out all the classes.
http://cms.montgomerycollege.edu/wdce/nconlinecourses.html
Youth Programs Registration Form
Page 1 of 2

(Please use black pen when completing this form.)

College ID Number: M 2 ____________________________ Birthdate ____________________________

(This is your Student ID Number. If you have taken courses at MC previously, you should have one. If not, the College will assign your MC Identification Number for you.)

Child's Name ____________________________ ____________________________ ____________________________

Address ____________________________ ____________________________ ____________________________

House # and Street Name (Do NOT use P.O. Box or you will be charged Non-Md. resident fee.) Apt. #

City ____________________________ State ____________________________ Zip ____________________________

Is this a new address? ☐ Yes ☐ No Have you attended MC before? ☐ Yes ☐ No

Home Phone ____________________________ Parent Home Phone ____________________________

Parent Work Phone ____________________________ Parent Work Phone ____________________________

Parent E-Mail ____________________________ Parent E-Mail ____________________________

School Currently Attending ____________________________ Grade 2017–2018

ETHNICITY: Choose one. (Disclosure not mandatory by Montgomery College, but is required by the U.S. Department of Education.)
☐ Not Hispanic or Latino ☐ Hispanic or Latino

RACE: Choose all that apply, you may choose more than one. (Disclosure not mandatory by Montgomery College, but is required by the U.S. Department of Education.)
☐ American Indian or Alaskan Native ☐ Asian ☐ Black or African American ☐ Native Hawaiian and other Pacific Islander ☐ White

☐ U.S. Citizen ☐ Permanent Resident (Circle one: Green Card / Working Card) ☐ Other Immigration Status ______________ (Used for tuition-setting purposes only.)

CHECK ALL THAT APPLY:
☐ I have been a Maryland resident [as defined in the Montgomery College Catalog] for at least three months.
☐ I have NOT been a Maryland resident [as defined in the Montgomery College Catalog] for at least three months.

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Optional Contribution to Scholarship Fund

Total Due

Please indicate payment by: ☐ Check (payable to Montgomery College) Credit card: ☐ MasterCard ☐ VISA ☐ Discover

Credit Card Information: Expiration date on card ______ / ______ 3 or 4 digit Security code on your card ______

Credit Card Number ____________________________ ____________________________ ____________________________

Name on Card ____________________________ ____________________________ ____________________________ ____________________________

Card holder signature required ____________________________ ____________________________ ____________________________ ____________________________ Date ____________

Montgomery College is an Equal Opportunity Affirmative Action Title IX institution.

Please mail this form with your payment or credit card information to: Montgomery College WD&CE Summer Youth Programs
51 Mannakee Street, CC 220 • Rockville, MD 20850 or FAX to 240-567-7548

3/30/17

<< Registration form and health and emergency information MUST BE completed for enrollment >>
Student’s Name: ___________________________ Parent’s Name: ___________________________

Person to be notified in case of emergency: _____________________________________________ Relationship to student: ___________________________

Home Phone: (____) _______ - ________ Work Phone: (____) _______ - ________ Cell Phone: (____) _______ - ________

Medical Information:
Current illnesses or health problems:

Does your child have a known allergy?   Yes   No
If Yes: Food allergy   Yes   No If No: Other
If Yes: Is Epi-pen required?   Yes   No   Students carrying an Epi-pen during program hours must keep their Epi-pen current/updated and with them at all times.

Other medication:
Will medication need to be taken during program hours? Describe: __________________________

Note: Does your child have any medication with him/her, or carry an Epi-pen as a safety precaution? If so, your child must be able to self-administer his/her medication, and you must submit the Medication Form found at www.montgomerycollege.edu/youth.

Month and year of last tetanus shot: _____/ _____

Physician’s Name: ___________________________ Phone No.: ___________________________

Scholarships:
Pending funding, a limited number of partial scholarships may be available for Montgomery County students who qualify for free or reduced lunch. Submission of scholarship application does not guarantee that scholarship funds will be granted. To apply for a scholarship, complete the registration form, and attach a copy of the free or reduced meals eligibility form or a copy of your current income tax form showing total family income. Mail these forms along with a check or credit card information for the amount of the fee. (Scholarships are awarded on a first come, first served basis, and awards are for the amount of the TUITION ONLY for ONE COURSE PER STUDENT) Last day to request scholarships is May 20, 2017. Scholarship requests will not be accepted after this date. Fees must be paid and must accompany your registration form. Call 240-567-7264 for information.

Disability Support Services Information
Does your child have a disability/challenge (e.g. physical, learning, psychological, emotional, behavioral, etc.) or medical conditional that could affect his/her participation in a regular classroom environment?   No   Yes

If yes, a staff member will be contacting you to discuss possible needs and determine if reasonable accommodations should and can be made. Montgomery College Youth Programs is committed to providing accessible education and a supportive learning environment for all students. To help us meet this goal, after you have registered, contact our WD&CE Disability Support Services counselor Natalie Martinez at natalie.martinez@montgomerycollege.edu or 240-567-4118 at least four weeks before the start of the program to inform the College of any physical disabilities or behavioral/social challenges your child has and 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).

Youth Programs Only: Class Transfer and/or Class Withdrawal/Drop Fees Policy

Notice: New Summer Youth Transfer or Withdrawal Policies! Be advised that there have been substantial changes to our refund policies for withdrawing / transferring students from a Youth Programs course / camp within 32 days of the start date of the class. These Youth refund policies differ from and supersede refund policies for all other non-Youth classes. For a complete listing of the transfer & drop/withdrawal policy and important dates visit: http://cms.montgomerycollege.edu/wdce/summeryouthrefunds.html.

Permission Form (SIGNATURE REQUIRED FOR ENROLLMENT)

___ I affirm that the information provided on this form is correct. I agree to abide by the policies and procedures of Montgomery College Youth Programs.

___ I understand that my child will be attending classes on an open college campus and there will be no student supervision provided outside the classroom. He/she will abide by the rules and regulation of Montgomery College, including exhibiting classroom behavior that allows for a study environment free from harassment, discrimination, and disruption. Behavior contrary to this will not be tolerated and may result in expulsion.

___ Should a medical emergency occur, I grant authority to Montgomery College Campus Security staff to provide necessary and reasonable medical attention to my child.

Child’s Name: ___________________________ Parent/Guardian: ___________________________ Date: __________

Name: ___________________________ Signature: ___________________________

I give permission to have my child’s photograph and/or testimonial used in promotions in connection with registration and other media campaigns produced by Montgomery College   ☐ Yes   ☐ No

For courses indicated as [GT] (Gifted and Talented):
The above named student has been identified as gifted and talented/honors student under the guidelines used by the Montgomery County Public Schools, and I recommend her/him for enrollment in the courses listed on the other side of this application.

School Principal Signature (or designee): ___________________________ Date: __________
Youth Programs Registration Form

(Please use black pen when completing this form.)

College ID Number: M 2

(This is your Student ID Number. If you have taken courses at MC previously, you should have one. If not, the College will assign your MC Identification Number for you.)

Child’s Name

Last

First

Middle

Address

House # and Street Name (Do NOT use P.O. Box or you will be charged Non-Md. resident fee.)

Apt. #

City

State

Zip

Is this a new address? Yes No

Have you attended MC before? Yes No

Parent Home Phone

Parent Parent

Work Phone

Parent E-Mail

School Currently Attending

Grade 2017–2018

ETHNICITY: Choose one. (Disclosure not mandatory by Montgomery College, but is required by the U.S. Department of Education.)

□ Not Hispanic or Latino □ Hispanic or Latino

RACE: Choose all that apply, you may choose more than one. (Disclosure not mandatory by Montgomery College, but is required by the U.S. Department of Education.)

□ American Indian or Alaskan Native □ Asian □ Black or African American □ Native Hawaiian and other Pacific Islander □ White

□ U.S. Citizen □ Permanent Resident (Circle one: Green Card / Working Card) □ Other Immigration Status ______________ (Used for tuition-setting purposes only.)

CHECK ALL THAT APPLY:

□ I have been a Maryland resident [as defined in the Montgomery College Catalog] for at least three months.

□ I have NOT been a Maryland resident [as defined in the Montgomery College Catalog] for at least three months.

CRN # Course # Course Title Begin Date Tuition Fee Non-MD Resd. Fee Course Total

Optional Contribution to Scholarship Fund

Total Due

Please indicate payment by: □ Check (payable to Montgomery College) Credit card: □ MasterCard □ Visa □ Discover

Credit Card Information: Expiration date on card 3 or 4 digit Security code on your card

Month Year

Credit Card Number

Name on Card

Card holder signature required ____________________________ Date__________________

Montgomery College is an Equal Opportunity Affirmative Action Title IX institution.

Please mail this form with your payment or credit card information to: Montgomery College WD&CE Summer Youth Programs

51 Mannakee Street, CC 220 • Rockville, MD 20850 or FAX to 240-567-7548

3/30/17 << REGISTRATION FORM AND HEALTH AND EMERGENCY INFORMATION MUST BE COMPLETED FOR ENROLLMENT >>
Student’s Name: ____________________ Parent’s Name: ____________________

Person to be notified in case of emergency: ________________________________________________________________

Relationship to student: ____________________________________________________________

Home Phone: (____) _______ - _______ Work Phone: (____) _______ - _______ Cell Phone: (____) _______ - _______

Medical Information:
Current illnesses or health problems: ________________________________________________________________

Does your child have a known allergy? ___ Yes ___ No

If Yes: Food allergy ___ Yes ___ No If No: Other _____________________________

If Yes: Is Epi-pen required? ___ Yes ___ No  Students carrying an Epi-pen during program hours must keep their Epi-pen current/updated and with them at all times.

Other medication:
Will medication need to be taken during program hours? Describe: __________________________________________

Note: Does your child have any medication with him/her, or carry an Epi-pen as a safety precaution? If so, your child must be able to self-administer his/her medication, and you must submit the Medication Form found at www.montgomerycollege.edu/youth.

Month and year of last tetanus shot: ______/_____

Physician’s Name ____________________ Phone No.: ____________________

Scholarships:
Pending funding, a limited number of partial scholarships may be available for Montgomery County students who qualify for free or reduced lunch. Submission of scholarship application does not guarantee that scholarship funds will be granted. To apply for a scholarship, complete the registration form, and attach a copy of the free or reduced meals eligibility form or a copy of your current income tax form showing total family income. Mail these forms along with a check or credit card information for the amount of the fee. (Scholarships are awarded on a first come, first served basis, and awards are for the amount of the Tuition Only for One Course Per Student.) Last day to request scholarships is May 20, 2017. Scholarship requests will not be accepted after this date. Fees must be paid and must accompany your registration form. Call 240-567-7264 for information.

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Does your child have a disability/challenge (e.g. physical, learning, psychological, emotional, behavioral, etc.) or medical conditional that could affect his/her participation in a regular classroom environment? ___ No ___ Yes

If yes, a staff member will be contacting you to discuss possible needs and determine if reasonable accommodations should and can be made. Montgomery College Youth Programs is committed to providing accessible education and a supportive learning environment for all students. To help us meet this goal, after you have registered, contact our WD&CE Disability Support Services counselor Natalie Martinez at natalie.martinez@montgomerycollege.edu or 240-567-4118 at least four weeks before the start of the program to inform the College of any physical disabilities or behavioral/social challenges your child has and 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).

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Permission Form (SIGNATURE REQUIRED FOR ENROLLMENT)
___ I affirm that the information provided on this form is correct. I agree to abide by the policies and procedures of Montgomery College Youth Programs. ___ I understand that my child will be attending classes on an open college campus and there will be no student supervision provided outside the classroom. He/she will abide by the rules and regulation of Montgomery College, including exhibiting classroom behavior that allows for a study environment free from harassment, discrimination, and disruption. Behavior contrary to this will not be tolerated and may result in expulsion. ___ Should a medical emergency occur, I grant authority to Montgomery College Campus Security staff to provide necessary and reasonable medical attention to my child.

Child’s ____________________  Parent/Guardian ____________________ Date ________

Name ____________________ Signature ____________________

I give permission to have my child’s photograph and/or testimonial used in promotions in connection with registration and other media campaigns produced by Montgomery College  ☐ Yes  ☐ No

For courses indicated as [GT] (Gifted and Talented):
The above named student has been identified as gifted and talented/honors student under the guidelines used by the Montgomery County Public Schools, and I recommend her/him for enrollment in the courses listed on the other side of this application.

School Principal Signature (or designee) ____________________ Date ________

For registration assistance call 240-567-7264 or 240-567-7917.
BEFORE AND AFTER CARE AGREEMENT *(Part 1 of 2)*

**Part 1 and 2 of Before and After Care Agreement MUST be completed to register**

<table>
<thead>
<tr>
<th>Child's Name</th>
<th>Last</th>
<th>First</th>
<th>Middle Initial</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>House # and Street Name (Do NOT use P.O. Box or you will be charged Non-Md. resident fee.)</td>
<td>Apt. #</td>
<td></td>
</tr>
<tr>
<td></td>
<td>City</td>
<td>Birthdate</td>
<td>Sex</td>
</tr>
<tr>
<td></td>
<td>Age</td>
<td>Month -</td>
<td>Day -</td>
</tr>
<tr>
<td></td>
<td>School Currently Attending</td>
<td>Grade 2017–2018</td>
<td></td>
</tr>
<tr>
<td>Parent/Guardian Information</td>
<td>Parent/Guardian Name</td>
<td>Relationship to Student</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Parent Work Phone</td>
<td>Parent Cell</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Parent E-Mail</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Pick Up Authorization**

*Persons authorized to Pick Up child in case of emergency—ALL sections MUST have complete address information*

1. Name | Relationship to Student | Phone Number |
<table>
<thead>
<tr>
<th></th>
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<tr>
<td></td>
<td>City</td>
<td>State</td>
</tr>
</tbody>
</table>

2. Name | Relationship to Student | Phone Number |
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<td>City</td>
<td>State</td>
</tr>
</tbody>
</table>

Is there anyone legally **NOT** allowed to Pick Up your child? If so, we **MUST** have a copy of the legal paperwork on file.

Name of person(s) NOT allowed:
BEFORE AND AFTER CARE AGREEMENT (Part 2 of 2)

Part 1 and 2 of Before and After Care Agreement Must be Completed to Register

Put an (X) next to the session that student will be attending.

**Summer 2017**

<table>
<thead>
<tr>
<th>Week of June 26</th>
<th>Week of July 10</th>
<th>Week of July 24</th>
<th>Week of August 7</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Germantown Campus</strong></td>
<td><strong>Germantown Campus</strong></td>
<td><strong>Rockville Campus</strong></td>
<td><strong>Rockville Campus</strong></td>
</tr>
<tr>
<td>YOU341 Before Care 43353</td>
<td>YOU341 Before Care 13106</td>
<td>YOU341 Before Care 13032</td>
<td>YOU341 Before Care 13034</td>
</tr>
<tr>
<td>YOU339 After Care 43352</td>
<td>YOU339 After Care 13099</td>
<td>YOU339 After Care 13025</td>
<td>YOU339 After Care 13027</td>
</tr>
<tr>
<td><strong>Rockville Campus</strong></td>
<td><strong>Rockville Campus</strong></td>
<td><strong>Takoma Park/Silver Spring Campus</strong></td>
<td><strong>Takoma Park/Silver Spring Campus</strong></td>
</tr>
<tr>
<td>YOU341 Before Care 43337</td>
<td>YOU341 Before Care 13030</td>
<td>YOU341 Before Care 13104</td>
<td>YOU341 Before Care 13035</td>
</tr>
<tr>
<td>YOU339 After Care 43336</td>
<td>YOU339 After Care 13023</td>
<td>YOU339 After Care 13097</td>
<td>YOU339 After Care 13028</td>
</tr>
<tr>
<td><strong>Takoma Park/Silver Spring Campus</strong></td>
<td><strong>Takoma Park/Silver Spring Campus</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>YOU341 Before Care 43450</td>
<td>YOU341 Before Care 13102</td>
<td>YOU341 Before Care 13107</td>
<td></td>
</tr>
<tr>
<td>YOU339 After Care 43449</td>
<td>YOU339 After Care 13096</td>
<td>YOU339 After Care 13100</td>
<td></td>
</tr>
</tbody>
</table>
| **Week of July 3 (M,W,R,F)** | | | | **Week of July 31**
| **Germantown Campus** | **Rockville Campus** | **Rockville Campus** | **Rockville Campus** |
| YOU340 Before Care 13101 | YOU341 Before Care 13031 | YOU341 Before Care 13033 | YOU341 Before Care 13034 |
| YOU338 After Care 13094 | YOU339 After Care 13024 | YOU339 After Care 13034 | YOU339 After Care 13027 |
| **Rockville Campus** | **Rockville Campus** | **Takoma Park/Silver Spring Campus** | **Takoma Park/Silver Spring Campus** |
| YOU340 Before Care 13029 | YOU341 Before Care 13103 | YOU341 Before Care 13105 | YOU341 Before Care 13035 |
| YOU338 After Care 13022 | YOU339 After Care 13096 | YOU339 After Care 13098 | YOU339 After Care 13028 |

Questions? Call the Youth Program at 240-567-7917

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**Before and After Care Polices and Procedures**

*Please initial each section listed below, then sign and date.*

___ I agree to pay late pick-up fees, if they are assessed, in accordance with the policy.

___ I understand that there is no refund for days that my child misses the program.

___ I understand that my child will be released ONLY to those listed on the Pick Up Authorization Form. I also understand that when my child has been released to one of the named authorized people, his or her welfare is no longer the responsibility of the staff of the MC Youth Programs Before and After Care Program.

**Pick-up Information**

*Please initial each section listed below, then sign and date.*

___ For the safety of our students, parents must sign in and sign out daily with the adult who is supervising the Before and After Care. Students may not leave the program and walk to the parking lot to meet parents, nor will they be released based on a phone call. Adults having permission to pick up your child will have to show their picture ID and be listed on your application form.

___ Students must be picked up promptly by 6 p.m. A late fee of $25 will be assessed for every 15 minutes late or part thereof. Repeated late Pick-ups may jeopardize the child’s enrollment in the program.

Parent’s Signature: ___________________________ Date: ____________________

**This signed form must be received by the Youth Program office at least five business days before the start of the program.**

Mail to: Montgomery College, Youth Programs, 51 Mannakee Street, Rockville, Maryland 20850.
Or hand deliver to Youth Programs, Room 220 Campus Center, Rockville Campus.

Questions? Call the Youth Program at 240-567-7917

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60 240-567-7264 or 240-567-7917
# BEFORE AND AFTER CARE AGREEMENT (Part 1 of 2)

*Part 1 and 2 of Before and After Care Agreement must be completed to register*

## Child's Information
- **Name**:
- **Last**, **First**, **Middle Initial**:  
- **Address**: House # and Street Name (Do NOT use P.O. Box or you will be charged Non-Md. resident fee.)  
- **Apt. #**:  
- **City**:  
- **Sex**: Female or Male  
- **Age**:  
- **Birthdate**: Month - Day - Year  
- **School Currently Attending**
- **Grade**: 2016–2017  
- **Phone**

## Parent/Guardian Information
- **Name**:  
- **Relationship to Student**:  
- **Parent Work Phone**:  
- **Parent Phone**: Cell  
- **Parent E-Mail**:  

## Pick Up Authorization
**Persons authorized to Pick Up child in case of emergency—All sections MUST have complete address information**

1. **Name**:  
   - **Relationship to Student**:  
   - **Phone Number**:  
   - **Address**: House # and Street Name (Do NOT use P.O. Box or you will be charged Non-Md. resident fee.)  
   - **Apt. #**:  
   - **City**:  
   - **State**:  
   - **Zip**:  

2. **Name**:  
   - **Relationship to Student**:  
   - **Phone Number**:  
   - **Address**: House # and Street Name (Do NOT use P.O. Box or you will be charged Non-Md. resident fee.)  
   - **Apt. #**:  
   - **City**:  
   - **State**:  
   - **Zip**:  

Is there anyone legally **NOT** allowed to Pick Up your child? If so, we **MUST** have a copy of the legal paperwork on file.  
Name of person(s) NOT allowed:
Put an (X) next to the session that student will be attending.

**Summer 2017**

### Before and After Care Agreement (Part 2 of 2)

**Part 1 and 2 of Before and After Care Agreement Must be Completed to Register**

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**Questions? Call the Youth Program at 240-567-7917**

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### Before and After Care Polices and Procedures

**Please initial each section listed below, then sign and date.**

- I agree to pay late pick-up fees, if they are assessed, in accordance with the policy.
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**Parent's Signature:** ___________________________ **Date:** ___________________________

---

**This signed form must be received by the Youth Program office at least five business days before the start of the program.**

**Mail to:** Montgomery College, Youth Programs, 51 Mannakee Street, Rockville, Maryland 20850.

**Or hand deliver to Youth Programs, Room 220 Campus Center, Rockville Campus.**

**Questions? Call the Youth Program at 240-567-7917**
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.

Legend of Buildings
BE  Bioscience Education Center
CG  Child Care Center
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  Science and Applied Studies Building (Admissions Office, Security Office, and Welcome Center)
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.

Legend of Buildings (as of January 2016)

AR  Paul Peck Art Building
AT  Amphitheatre
CB  Counseling/Advising Building (Security Office)
CC  Campus Center (Cafeteria)
CH  Child Care Center
CS  Computer Science Building
GU  Gudelsky Institute
HU  Humanities Building
MK  Mannakee Building
MT  Macklin Tower
MU  Music Building
PA  Robert E. Parilla Performing Arts Center
PE  Physical Education Center
SB  South Campus Instruction Building (Welcome Center)
SC  Science Center
SV  Student Services Building
SW  Science West Building
TA  Theatre Arts Building
TC  Technical Center
TT  Interim Technical Training Center

Rockville Campus Legend of Buildings (as of January 2016)
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.
Registration is Open!
Classes fill fast!
Back to school means back to FUN at Montgomery College!

School Year Youth Programs at Montgomery College!

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

KIDS’ COLLEGE

Enrichment courses for students in Grades K–12 (grades may differ, depending on course offerings.) Courses are offered after school and on Saturdays on the Germantown, Rockville, or Takoma Park/Silver Spring Campus.

Black Rocket provides unique enrichment and educational programs to children and young adults offering distinct programs in Creative Sciences, Digital Arts, and Leadership. Each course emphasizes self-empowerment, cognitive reasoning, and divergent thinking through hands-on learning.

Black Rocket’s mission is to help ignite, unleash, and enhance these distinct talents.

For a full list of our school year programs and up-to-date information, please visit www.montgomerycollege.edu/wdce/youth.

Piano Technique and Ensemble
For 2nd Graders and Up

Rockville Campus
See website for school year schedule.

SAT and ACT Prep

Instructor-led, interactive classroom programs that will help you raise your score. Strengthen your test taking skills so that you can get a score that truly reflects your ability. You will receive weekly practice with real, timed SAT or ACT tests.

$355.00 for Maryland residents;
Non-Md residents add $160.00

www.montgomerycollege.edu/wdce/satprep.html
240-567-5188

Get Prepared
Get Motivated
Get Results

www.montgomerycollege.edu/wdce/youth