

INDEX of Rising 8th Grade & TJ/ACL (AoS/AET) Prep & 2026 SUMMER Camps

Curie Learning is the most successful Learning center in Northern Virginia for the last 18 years in TJ/AOS/AET Admissions
103 Curie students attending the freshman class of ACL (AOS/AET) in 2025 (Class of 2030)
And we are still waiting for TJ results to come out...

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Curie Learning's Signature Level 7 (Rising Level 8) Program including (TJ/AoS/AET)

\$350/month
Math, Reading, Grammar,
Writing & More

Curie Signature Level 7/Level 8 program is intended to provide a strong foundation in both math and English during middle school years. Foundational knowledge required for TJ/AOS/AET entrance exams is also provided in this program. While getting into the specialized high school programs like TJ/AOS/AET is one important aspect, the ability to cope with the challenging curriculum at these schools is another important aspect that needs to be addressed during 7th and 8th grade years. This program addresses this important aspect. In 22 months of Curie Signature Level 7/Level 8 program, students will get 18 months of training in English writing; 22 months of training in grammar, vocabulary and reading; and 22 months of intense training in math covering arithmetic, Algebra-1, Geometry, Algebra-2 and trigonometry. In this program, by the end of Level 8, students are taught all the material required for excelling in PSAT/SAT/ACT as well.

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144 Curie students who are currently in the waitlist, some of them will be accepted before 9th Grade classes start in August 2026
And we are still waiting for TJ results to come out...

Level 7 (Rising Level 8): Semester 3 & 4 Packages and Fees

AOS/AET/TJ Weekly Classes and Test Prep				
<p>Semester 3: (Package 1)</p> <p>July 6th, 2026 To Dec 2026</p> <p style="color: red; font-size: small;">See more Packages in the next page</p>	<p style="text-align: center; color: #00AEEF;"><u>General Semester</u></p> <p style="text-align: center; color: #00AEEF;">\$1,995.00</p> <p>1) Weekly Math & English Classes <i>(IN-PERSON / ONLINE)</i></p> <p>2) Alternate Sunday Writing and Science Classes <i>(Online)</i></p> <p>3) 3-on-1 Writing Workshop (It is small groups with an instructor that meet once per month <i>(Online)</i>)</p> <p style="text-align: center; font-size: small;">[Approximately 7 classes/mo.]</p>	<p style="text-align: center; color: #00AEEF;"><u>Optional add on:</u></p> <p>*Exclusively for those enrolled in the General Semester classes</p> <p style="text-align: center; color: #00AEEF;">TJ/AOS/AET Extra Prep Classes (ONLINE) <i>(About 40 classes & Practice Exams)</i></p> <p style="text-align: center; color: #00AEEF;">+ \$350</p> <p style="text-align: center; color: #00AEEF;"><u>Tentative TJ/AoS/AET Extra Classes Schedule:</u></p> <p>4) Saturday: 4:40 pm to 6 pm (AOS/AET) starts 07/11. 5) Sunday 8:30 am – 9:30:00 am (TJ) starts 07/12. 6) Additional classes will be conducted with prior notice 7) Testing will be held on some Saturday mornings.</p>	<p style="text-align: center; color: #00AEEF;"><u>One Subject Only</u></p> <p style="text-align: center; color: #00AEEF;">Weekly Classes Math OR English</p> <p style="text-align: center; color: #00AEEF;">\$875.00</p> <p>1) Weekly Math OR English Classes</p>	<p style="text-align: center; color: #00AEEF;">Only English + Writing + 3-on-1</p> <p style="text-align: center; color: #00AEEF;">\$1,495.00</p> <p>1) Weekly English Classes 2) Alternate Sunday Writing Classes <i>(Online)</i></p> <p>3) 3-on-1 Writing Workshop (It is small groups with an instructor that meet once per month <i>(Online)</i>)</p>
<p>Semester 4:</p> <p style="text-align: center; color: #00AEEF;"><u>General Semester</u></p> <p style="text-align: center; color: #00AEEF;">\$1,800.00</p> <p style="text-align: center; font-size: small;">[Approximately 6 classes/mo.]</p> <p style="text-align: center; font-size: small;"><i>Instructional Classes</i></p> <p>Jan 2027 To Jun 2027</p>	<p>1) Weekly Math & English Classes</p> <p>2) Alternate Sunday Writing Classes</p> <p style="text-align: center; font-size: small;">TJ Prep Classes through the end of January will be included</p>	<p style="text-align: center; color: #00AEEF;"><u>Continuing TJ Prep for Month of January ONLY:</u></p> <p style="text-align: center; color: #00AEEF;"><i>Extra Prep Classes (Online) (About 7 classes & Practice Exams)</i></p> <p style="text-align: center; color: #00AEEF;">+ \$250</p> <p>*Exclusively for those who have decided NOT to continue with the Semester 4 classes</p> <p style="text-align: center; color: #00AEEF;"><u>Tentative Extra Class Schedule:</u></p> <p>3) (3 TJ Prep classes) Sunday 8:30 am - 9:30 am. 4) 1 Alternate Sunday (Writing & Science class) 5) 1 (3-1) Tutoring class 6) 2 TJ Practice Exams</p>	<p style="text-align: center; color: #00AEEF;"><u>One Subject Only</u></p> <p style="text-align: center; color: #00AEEF;">Weekly Classes Math OR English</p> <p style="text-align: center; color: #00AEEF;">\$850.00</p> <p>1) Weekly Math OR English Classes TJ Prep Classes through the end of January will be included</p>	<p style="text-align: center; color: #00AEEF;">Only English (Online) + Writing</p> <p style="text-align: center; color: #00AEEF;">\$1,295.00</p> <p>1) Weekly English Classes 2) Alternate Sunday Writing Classes</p>

1) CONTINUING Regular Weekly Classes (IN-PERSON or ONLINE):

Mondays	IN-PERSON: South Riding Center	6:15 pm – 8:30 pm EST
Tuesdays	IN-PERSON: Ashburn Center	6:30 pm – 8:45 pm EST
Wednesdays	IN-PERSON: South Riding Center	6:30 pm – 8:45 pm EST
Thursdays	IN-PERSON: South Riding Center	6:30 pm – 8:45 pm EST
Fridays	IN-PERSON: South Riding Center	6:15 pm – 8:30 pm EST
Fridays	ONLINE	6:15 pm – 8:30 pm EST
Saturdays	IN-PERSON: Herndon Center	10:15 am – 12:30 pm EST
Saturdays	IN-PERSON: South Riding Center	1:30 pm – 3:45 pm EST
Sundays	IN-PERSON: South Riding Center	10:00 am – 12:15 pm EST
Sundays	ONLINE	10:00 am – 12:15 pm EST
Sundays	IN-PERSON: South Riding Center	12:30 pm – 2:45 pm EST

2) CONTINUING ALTERNATE SUNDAY WRITING, SCIENCE CLASSES (ONLINE):

*Those who pay the 'General Semester Cost' will automatically be enrolled in the Alternate Sunday classes in addition to the weekly Math & English classes mentioned above.
Alternate Sundays from 5:30 PM – 7:45 PM

3) CONTINUING THREE-ON-ONE TUTORING (ONLINE):

- *Those who pay the 'General Semester Cost' will automatically be enrolled in the 3-on-1 sessions.
- 2 *For 3-on-1 tutoring, you will receive an email with further information regarding how to sign up with a tutor. To better prepare for writing persuasive essays and the student portrait statement (SPS), every student gets a 60 min. three-on-one appointment with a writing expert once per month.

CLICK HERE FOR THE RISING LEVEL 8 ENROLLMENT FORM

Level 7 (Rising Level 8): Semester 3 Alternative Packages and Fees

**Curie Learning is the most successful Learning center in Northern Virginia for the last 19 years in TJ & ACL (AOS/AET) admissions.
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THE PACKAGES BELOW **ARE NOT** INTENDED FOR THOSE WHO ARE ALREADY ENROLLED IN OUR REGULAR LEVEL 7 SIGNATURE PROGRAM.

THE ALTERNATE PACKAGESS BELOW **EXCLUDE** OUR WEEKLY MATH AND ENGLISH CLASSES.

With these packages, students will be missing the curriculum taught in our signature Math and English which include grammar instruction, reading comprehension instruction, vocabulary instruction and higher-level mathematical concepts; these are skills that will better prepare students to excel in any higher-level high school program such as TJ/AOS/AET.

*** Please note that all these packages are a continuation of our Signature Level 7 Course. New students are welcome to register, but with the understanding that they will have missed the materials taught during the previous semesters. However, these classes can still be beneficial for new students as they will introduce them to AOS/AET/TJ Prep Material. ***

<p style="text-align: center;">(Package 2) AOS/AET/TJ PREP</p> <p style="text-align: center;"><i>This package does not include our weekly math and English classes</i></p> <p style="text-align: center;">July 6th, 2026 To January End, 2027</p>	<p style="text-align: center;">Exclusively AOS/AET/TJ Entrance Exam Coaching – ONLINE CLASSES</p> <p style="text-align: center;">This program is targeted to coach students in all aspects of TJ/AOS/AET entrance exams.</p> <p style="text-align: center;">Tentative Classes Schedule:</p> <ol style="list-style-type: none"> 1) Saturday: 4:40 pm to 5:45 pm (AOS/AET) starts 07/11 by Dr. Rao Mulpuri 2) Sunday 8:30 am - 9:30 am (TJ) starts 07/12 by Dr. Rao Mulpuri 3) 7 months of Alternate Sunday Writing and Science Classes 5:30 pm - 7:45 pm starts 07/12. (24 hours instruction time) by Mr. Wade Fletcher & Dr. Rao Mulpuri 4) 7 sessions of 3-on-1 Writing Workshop (Writing workshops in small groups with an instructor that meet once per month ZOOM meeting with a writing expert) 5) Additional ACL writing classes will be conducted with prior notice by Mr. Wade Fletcher 6) <i>Testing will be held on some Saturday mornings.</i> <p style="text-align: center;">AOS/AET/TJ Extra Prep Classes (About 60 classes & 15 Practice Exams)</p> <p style="text-align: center;">\$1,995</p> <p style="text-align: center;">Additional \$300 if adding 1 subject (weekly class from July to Dec.)</p>
<p style="text-align: center;">(Package 3) TJ PREP Only</p> <p style="text-align: center;"><i>This package does not include our weekly math and English classes</i></p> <p style="text-align: center;">July 6th, 2026 To January End, 2027</p>	<p style="text-align: center;">Exclusively TJ Test Prep – ONLINE CLASSES</p> <p style="text-align: center;">This program is targeted to coach students in all aspects of TJ entrance exams.</p> <p style="text-align: center;">Tentative Classes Schedule:</p> <ol style="list-style-type: none"> 1) Sunday 8:30 am - 9:30 am (TJ) starts 07/12 by Dr. Rao Mulpuri 2) 7 months of Alternate Sunday Writing and Science Classes 5:30 pm - 7:45 pm starts 07/12. (24 hours instruction time) by Mr. Wade Fletcher & Dr. Rao Mulpuri 3) 7 sessions of 3-on-1 Writing Workshop (Writing workshops in small groups with an instructor that meet once per month ZOOM meeting with a writing expert) 4) <i>Testing will be held on some Saturday mornings.</i> <p style="text-align: center;">TJ Extra Prep Classes (About 25 hours of classes & 7 Practice Exams)</p> <p style="text-align: center;">\$1,795</p> <p style="text-align: center;">Additional \$300 if adding 1 subject (weekly class from July to Dec.)</p>
<p style="text-align: center;">(Package 4) AOS/AET PREP Only</p> <p style="text-align: center;"><i>This package does not include our weekly math and English classes</i></p> <p style="text-align: center;">July 6th, 2026 To Test Date, 2027</p>	<p style="text-align: center;">Exclusively AOS/AET Test Prep – ONLINE CLASSES</p> <p style="text-align: center;">This program is targeted to coach students in all aspects of AOS/AET entrance exams.</p> <p style="text-align: center;">Tentative Classes Schedule:</p> <ol style="list-style-type: none"> 1) Saturday: 4:40 pm to 5:45 pm (AOS/AET) starts 07/11 by Dr. Rao Mulpuri 2) 4 months of Alternate Sunday Writing and Science Classes 5:30 pm - 7:45 pm starts 07/12. (14 hours instruction time) by Mr. Wade Fletcher & Dr. Rao Mulpuri 3) 4 sessions of 3-on-1 Writing Workshop (Writing workshops in small groups with an instructor that meet once per month ZOOM meeting with a writing expert) 4) Additional ACL writing classes will be conducted with prior notice by Mr. Wade Fletcher 5) <i>Testing will be held on some Saturday mornings.</i> <p style="text-align: center;">AOS/AET Extra Prep Classes (About 20 classes & 10 Practice Exams)</p> <p style="text-align: center;">\$1,695</p> <p style="text-align: center;">Additional \$300 if adding 1 subject (weekly class from July to Dec.)</p>

MATH COURSES

Algebra 1 (Rising 7th – 9th Grade)

\$500/month
Total Classroom Teaching:
32 HOURS

This **eight-week** course is intended to prepare students for taking high school Algebra 1 during the upcoming academic year. Whether students are taking Algebra 1 as a seventh, eighth, or ninth grader in their day schools, our program will help prepare students for this high school-credit math class (which affects their high school GPA). This course give the students a head start with the Algebra 1 concepts, also helping them to transition into an advanced high school level course by expecting a certain degree of rigor and independent learning skills. Also, gaining a thorough understanding of Algebra 1 concepts is necessary for scoring well on the SAT/ACT. Many colleges and universities are again requiring these scores for student application. It is difficult to handle Algebra 2, Precalculus and other higher level courses without a solid foundation in Algebra 1.

Topics include:

Solving One and Two Step Equations (including word problem practice), Multi-Step Equations (including word problem practice), Multiplication and division rules of exponents, Inequalities, Radical Equation Solving, Absolute Values Equation Solving and graphing, Linear Equation Graphing and Application, Systems of Linear Equations, Quadratic Equation Solving and Application.

Students will be given instructional videos as a reference tool for the lessons, but the lessons will be taught during class time.

\$995

HYBRID COURSE:

Online or Herndon

*Mondays & Wednesdays
from 6:30 – 8:30 pm (EST)
[Mon, 6/22 – Wed, 8/12]*

\$995

South Riding Center

*Tuesdays & Thursdays
from 6:30 – 8:30 pm (EST)
[Tue, 6/23 – Thurs, 8/13]*

\$995

Hybrid Course

Online or Ashburn

*Mondays & Wednesdays
from 4 – 6 pm (EST)
[Mon, 6/22 – Wed, 8/12]*

This class will meet twice per week for two-hour sessions for a total of 16 sessions.



[CLICK HERE FOR THE ALGEBRA 1 ENROLLMENT FORM](#)



COMPUTER COURSES

Intro to JAVA Course

Rising 7th Grade and Up

Ronit Manchanda

Introduction to Java is an **IN-PERSON/Online, three-week-long** course designed to provide rising 7th–9th graders with a structured introduction to computer science and programming using Java. The course is project-based and focuses on real-world applications, allowing students to practice coding through interactive assignments and guided projects. By the end of the course, students will have developed a solid understanding of Java fundamentals and completed multiple coding projects.

[CLICK HERE FOR THE COURSE CURRICULUM](#)

\$325

ONLINE (HYBRID) / IN-PERSON

IN-PERSON at South Riding center

Tuesdays from 6:30 pm – 8:30 pm and Sundays from 3 pm – 5 pm

This class will meet twice per week for 2 hour sessions.

Dates: COMING SOON!



[CLICK HERE FOR THE INTRO TO JAVA ENROLLMENT FORM](#)



STEM COURSES & CAMPS

SPRING Introduction to AI & Machine Learning Course

7th Graders & UP

Course Total Hours: 14 Hours

This Course is run by an organization created by high school students for younger students!

This course provides a tailored introduction to artificial intelligence and machine learning, two of the fastest growing and cutting-edge areas of research in the world today. Students will learn the fundamentals of programming for data science and AI development. They will apply their skills in developing a specialized AI project that they can include in their résumés.

Finally, they will dive into machine learning concepts and develop an outline for a research project; top projects will be invited to a research symposium to present their idea to an audience for prizes!

[CLICK HERE FOR THE COURSE CURRICULUM](#)

\$195

ONLINE

Sundays from 3:30 pm – 5:00 pm

Dates: April 12th – June 21st



[CLICK HERE FOR THE Introduction to AI & Machine Learning Course ENROLLMENT FORM](#)



Total Classroom
Teaching Hours:

22.5

SPRING ROBOTICS COURSE

Rising 6th – Rising 9th Grade Students

FIRST Tech Challenge Robotics Team & Metal Magic Inc.

This IN-PERSON **9 week**-course is run by a FIRST Tech Challenge Robotics Team, Metal Magic. This course introduces students to robotics and automation through hands-on Arduino lessons and build-focused projects and a final capstone project. Students will learn core electronics and programming fundamentals, including digital/analog I/O, PWM servo motor control, and sensors such as color and limit switches! Each week combines a short concept lesson with guided lab time to prototype, test, and iterate on real systems. Projects in the initial weeks are focused on building a foundation in electronics, wiring, and programming. The second half of the course focuses on students developing their capstone project, a maze solving robot, using the skills they learned from the first half of their course. By the end of the course, students will be able to design, write, and code complete Arduino-based automation systems and troubleshoot hardware and software issues. No prior robotics, programming, or other technical experience is required!

[CLICK HERE FOR THE CAMP ITINERARY!](#)

\$295

IN-PERSON at South Riding center

Saturdays from 1pm – 3:30pm

Dates: April 11th – June 13th



[CLICK HERE FOR THE SPRING ROBOTICS BOOT CAMP ENROLLMENT FORM](#)



Creative Writing Boot Camp

Rising 6th to 10th Graders

Ms. Kylie Smith & Ms. Amber Beach

The Creative Writing Boot Camp is an in-person, **one-week camp** course designed for students in rising grades 6-10. Students will explore the basics of creative writing and will write personal narratives, short stories, poetry, and even the outline and first chapter of a novel. Students will experience lessons, writing activities, and writing projects with one-on-one feedback from a teacher. Along with being an enjoyable form of communication and expression, creative writing is extremely valuable for academics and career, whether that's for writing college application and scholarship essays, creating marketing materials, or a variety of other applications. This camp is developed and taught by Mrs. Kylie Smith, the English Program Director, assisted by Ms. Amber Beach, the English Program Director's Assistant.

IMPORTANT: While lessons will be incorporated, a significant portion of the camp will be dedicated to peer editing. Students must be comfortable sharing their writing with the teachers and their peers and receiving feedback. Students must come prepared each day with their assigned writing projects.

**Materials: Please bring a laptop, a notebook, a folder, and at least 5 pencils to class each day.*

\$425

IN-PERSON at South Riding center

Monday – Friday from 9am – 12pm

Dates: July 20th – July 24th



[CLICK HERE FOR THE CREATIVE WRITING BOOT CAMP ENROLLMENT FORM](#)



Intro to Cyber Security Camp

Rising 7th to 10th Graders

Introduction to Cybersecurity is an **online and in-person, week-long camp** designed to introduce rising 7th–9th graders to the world of cybersecurity and digital safety. This camp covers fundamental cybersecurity concepts, including password security, online safety, cyber threats, encryption, and ethical hacking. The course is project-based, with a strong emphasis on real-world applications, allowing students to engage in hands-on activities, simulations, and interactive challenges. By the end of the week, students will have gained a deeper understanding of cybersecurity principles and learned practical skills to protect themselves and others online.

[CLICK HERE FOR THE CAMP CURRICULUM](#)

\$325

ONLINE (HYBRID) / IN-PERSON

IN-PERSON at South Riding center

*Monday – Friday from 9am – 12pm**

COMING SOON!



[CLICK HERE FOR THE INTRO TO CYBER SECURITY CAMP ENROLLMENT FORM](#)



Introduction to Python Programming Camp

5-Day Camp for Rising 7th – Rising 10th Grade Students

Ronit Manchanda

Introduction to Python Programming is an **online and in-person, week-long camp** that introduces rising 7th–10th graders to the fundamentals of computer science and programming using Python. This hands-on, **project-based** camp covers essential programming concepts, including variables, loops, functions, conditionals, and user input, while emphasizing real-world applications. By the end of the camp, students will have built multiple interactive projects and gained a strong foundation in Python programming.

[CLICK HERE FOR THE CAMP ITINERARY!](#)

\$325

ONLINE (HYBRID) / IN-PERSON

IN-PERSON at South Riding center

*Monday – Friday from 9am – 12pm**

Dates: COMING SOON!



[CLICK HERE FOR THE INTRO TO PYTHON CAMP ENROLLMENT FORM](#)



Introduction to Python Programming Course

Rising 7th – Rising 10th Grade Students

Ronit Manchanda

Introduction to Python is an online and in-person, **six-week-long** course designed to provide rising 7th–10th graders with a structured introduction to computer science and programming using Python. The course is project-based and focuses on real-world applications, allowing students to practice coding through interactive assignments and guided projects. By the end of the course, students will have developed a solid understanding of Python fundamentals and completed multiple coding projects.

[CLICK HERE FOR THE CAMP ITINERARY!](#)

\$325

ONLINE (HYBRID) / IN-PERSON

IN-PERSON at South Riding center

Sundays from 3 pm – 5 pm

This class will meet once per week for 2 hour sessions.

Dates: COMING SOON!

Classes will not be in session through the Fourth of July weekend (7/4-7/7)

\$215/month

Total Classroom Teaching:

12 HOURS



[CLICK HERE FOR THE INTRO TO PYTHON COURSE ENROLLMENT FORM](#)



Robotics & Arduinos Camp

Rising 2nd to 9th Graders

First for Youth Team

(An organization created to give students STEM opportunities while starting, mentoring and funding Robotics teams in Northern Virginia)

Rising 2nd to Rising 5th Graders

During this in-person, **one-week camp**, students will acquire teamwork and problem-solving skills to construct Lego energy models under the guidance of our trained robotics instructors. Our instructors will provide a comprehensive overview of assembling energy models to show the different energy components such as source, storage, distribution, and consumption. Students will then learn to program the models to operate at the same time, demonstrating the flow of energy from the source to their communities. In addition, the students will participate in numerous projects, enabling them to learn about energy transfer and develop their skills of teamwork, problem solving, and block programming.

[CLICK HERE FOR THE CAMP ITINERARY](#)

\$350

IN-PERSON at South Riding center

*Monday – Friday from 9am – 2pm**

June 29th – July 3rd



[CLICK HERE FOR THE ROBOTICS CAMP ENROLLMENT FORM](#)



Rising 6th to Rising 9th Graders

During this in-person, **one-week camp**, students will use hands-on robotics kits along with our experienced robotics instructors to learn the intricacies of Arduinos and robotics. Our team of instructors will be walking students through the basics of assembling the robotics kit to programming it to follow a line, detect walls, and many other projects throughout the week. Students will learn the basics of C++ and Arduino programming, and will gain experience with assembling and testing a robot kit.

*Robotics kit is included value of \$80.00.

[CLICK HERE FOR THE CAMP ITINERARY](#)

\$495

IN-PERSON at South Riding center

*Monday – Friday from 9am – 2pm**

Three Choices:

1. July 13th – July 17th
2. July 27th – July 31st
3. August 3rd – August 7th



[CLICK HERE FOR THE ROBOTICS CAMP ENROLLMENT FORM](#)



ROBOTICS BOOT CAMP

Rising 6th – Rising 9th Grade Students

FIRST Tech Challenge Robotics Team & Metal Magic Inc.

This **one-week camp**, hosted by the FIRST Tech Challenge (FTC) team Metal Magic, immerses rising 6th–9th graders in the real-world process of building an FTC-scale robot while working as part of one of two mini competitive teams. Guided step-by-step by experienced competitive robotics mentors, students get direct experience with electronics, Java programming, robot design, and hands-on troubleshooting as they prepare to take on the official 2026 FIRST Tech Challenge (FTC) DECODE Challenge—a global robotics game where teams design and program robots to solve engineering problems. With minimal focus on background, FTC gives students the chance to apply STEM skills in a highly collaborative, competitive format. Over the course of the week, teams will design, build, and market their own robots, learn how to brand and promote a team, and solve real problems faced by actual FTC teams. The camp concludes with a game-day test and a showcase for parents. No previous coding or building experience is needed, everyone receives detailed mentorship and the chance to develop technical and teamwork skills in an engaging setting.

[CLICK HERE FOR THE CAMP ITINERARY!](#)

\$345

IN-PERSON at South Riding center

Monday to Friday from 9am – 12:30pm

Dates: August 10th – August 14th



[CLICK HERE FOR THE SUMMER ROBOTICS BOOT CAMP ENROLLMENT FORM](#)



AUTONOMOUS ROBOTICS COURSE

Rising 7th – Rising 10th Grade Students

FIRST Tech Challenge Robotics Team & Metal Magic Inc.

This **four-week course**, hosted by the FIRST Tech Challenge (FTC) team Metal Magic, introduces students to autonomous robotics through Arduino development. Students will learn about core electronics including servo control and motor based robot movement, as well as using sensors such as laser distance tracking and color sensing. Each week introduces concepts with lessons, and guided lab time to work on their **final project: an autonomous robot capable of organizing objects**. By the end of the course, students will design and code an Arduino based autonomous robot and learn how to troubleshoot hardware and software issues along the way. No prior robotics, programming or technical experience is required!

**The program fee includes Arduino UNO and other electronics which the student will be able to take home at the end as part of their working robot project. The Arduino kits are great for other projects the student may want to do at home!

[CLICK HERE FOR THE CAMP ITINERARY!](#)

\$375

IN-PERSON at South Riding center

Tuesday 6:30pm – 8:30pm & Saturday from 10am – 12:30pm

Dates: Saturday, June 20th – Tuesday, July 21st

Classes will not be in session on 7/4 in celebration of Independence Day



[CLICK HERE FOR THE AUTONOMOUS ROBOTICS ENROLLMENT FORM](#)



Introduction to STEM Research Camp

Rising 7th – Rising 10th Grade Students

Rutvi Devani

During this **ONLINE, one-week course**, students will learn the foundations of how to conduct STEM based research writing to help them in their future endeavors in both high school and in college. Research skills developed early on would put your child at an advantage since research skills are not taught at all schools (yet it is expected at higher levels of education) giving a competitive edge to students who start learning early on. Whether for school projects, science fairs, or other competitions, this course will teach students step-by-step through the full research process on how to form strong questions, build hypotheses, and write each component of a research paper from introduction to conclusion. The course will also explore how research is conducted in a laboratory and outside of a laboratory, making this course practical for any student regardless of setting. By the end of the week, students will be able to write the full research paper, the abstract, and give “lightning talks” to present research. The skills learned in this week-long course would help the student learn to use the internet for research purposes, give a head start for STEM research internships and mentorships, build public speaking skills, and more.

[CLICK HERE FOR THE CAMP ITINERARY!](#)

\$325

ONLINE

*Monday – Friday from 9am – 12pm**

Dates: COMING SOON!



[CLICK HERE FOR THE INTRO TO STEM RESEARCH CAMP ENROLLMENT FORM](#)



Introduction to AI & Machine Learning Course

7th Graders & UP

Course Total Hours: 14 Hours



This Course is run by an organization created by high school students for younger students! This course provides a tailored introduction to artificial intelligence and machine learning, two of the fastest growing and cutting-edge areas of research in the world today. Students will learn the fundamentals of programming for data science and AI development. They will apply their skills in developing a specialized AI project that they can include in their résumés. Finally, they will dive into machine learning concepts and develop an outline for a research project; top projects will be invited to a research symposium to present their idea to an audience for prizes!

[CLICK HERE FOR THE COURSE CURRICULUM](#)

\$295

ONLINE

Sundays from 3:30 pm – 5:00 pm

July 12th, 2026 – August 30th, 2026

**Limited
SEATS**



[CLICK HERE FOR THE Introduction to AI & Machine Learning Course ENROLLMENT FORM](#)



Quantum Computing Course (qMe)

7th Grade & UP

Course Total Hours: 7 Hours

This ONLINE course is run by qMe, an organization created by high school students for younger students! Welcome to qMe! We are two college students with Aditya at University of Maryland CS and Akshita attending University of Virginia CS. Both of us have been exposed to quantum computing through our research and various endeavors at both schools. Both have attended MIT conferences to present their quantum computing research and continue to expand their knowledge in college. One regret we often discuss is how we were initially scared to get into quantum computing and wasted many years we could have spent learning, as there is a stigma that there needs to be a high level of background knowledge to succeed in such an advanced field as a high schooler. Therefore, we decided to create our own organization to educate those who have an interest. We also want to give students a chance to speak on a platform about quantum, which is why this course goes hand-in-hand with our blog in which students will be able to showcase what they learn in quantum through articles, something we believe is important for sourcing.

qMe is a one-of-a-kind organization aimed to teach younger students about the rapidly growing field of quantum computing and its subsets with the aim of making quantum computing accessible to students of all backgrounds. This course tends to conventionally start at the university level, but by igniting interests of the young demographic towards the field early, we can shape the role our future workforce will play in this important field, which is estimated to rapidly grow in the next decade. Students will learn higher level math concepts, programming concepts, physics concepts, etc. Not only will students learn but they will perform hands-on tasks such as running simulations and writing algorithms on IBM Quantum Composer. This fully online course will not only introduce students to the quantum computing world, but teach them concepts that are critical, with no prerequisite.

We have taught over **200** students in just two years, have been featured on **NBC4 PrimeTime**, and have made over \$30,000, with over half being donated to Ugandan healthcare initiatives as well as a women's orphanage in Hyderabad. Above all, we have expanded to teaching college students in India, with our newest pilot program **teaching 4th year engineering students at JNTU-K**. Many of our students go on to TJ, AOS, and AET as well as continue their quantum research even with college collaborations. **If you want your child to stand out, quantum computing is the place to be. NO prior experience needed!**

<https://www.nbcwashington.com/news/local/northern-virginia/northern-va-high-schoolers-teach-quantum-computing/3458239/>

[CLICK HERE FOR THE COURSE CURRICULUM](#)

\$195

ONLINE

Saturdays from 9:30 am – 10:30 am

June 27th, 2026 – August 15th, 2026



[CLICK HERE FOR THE QUANTUM COMPUTING COURSE ENROLLMENT FORM](#)



2026 SUMMER PROGRAMS

TENTATIVE ONLINE & IN-PERSON CLASS SCHEDULE

FOR HIGH SCHOOL, MIDDLE SCHOOL & ELEMENTARY SCHOOL STUDENTS

Office Hours until June 14th

South Riding Center:

Monday through Friday from 6:30 pm to 8:30 pm,
 Saturday from 1 pm – 3 pm
 Sunday from 10 am – 1 pm
 Eastern Standard Time

Herndon Center:

Monday & Wednesday from 6:30 – 8:30pm,
 Saturday 10:30 am to 12:00 pm
 Eastern Standard Time

Ashburn Center:

Monday through Thursday from 6:30 pm to 8:30 pm
 Eastern Standard Time

Office Hours from June 15th until August 20th

South Riding Center:

Monday through Friday from 6:30 pm to 8:30 pm,
 Saturday from 1 pm – 3 pm
 Sunday from 10 am – 1 pm
 Eastern Standard Time

Herndon Center:

Monday from 6:30 – 8:30pm,
 Saturday 10:30 am to 12:00 pm
 Eastern Standard Time

Ashburn Center:

Tuesday from 6:30 pm to 8:30 pm
 Eastern Standard Time



CONTACT US:

Office phone number: (703) 798-6808

Dr. Rao: (703) 582-0436

Website: www.curielearning.com

Email: curielearning@gmail.com

<u>Herndon Center</u>	<u>South Riding/Chantilly Center</u>	<u>Ashburn Center</u>
13505 Dulles Technology Dr., Suite 1, Herndon, VA 20171	43250 Stonewall Pond St., South Riding, VA 20152	20604 Gordon Park Square #150 Ashburn, VA 20147

PAYMENT OPTIONS:

All registration forms must be completed online before a payment is made.

Online Payment Option: For all short-term summer courses, all enrollees will receive an email invoice to make a payment online through PayPal with a 4% online processing fee or through Zelle to avoid any online payment service fee.

Drop Box (South Riding Center): There is a drop box on the porch of the South Riding Center.
You may drop off your check into a box any time. Please place your check in an envelope. On the MEMO line on the check, please include your child's first and last name and the class for which your child is registered.

Mailing Option: You may also mail your check to the South Riding Center via USPS (43250 Stonewall Pond St., South Riding, VA 20152).

REGISTRATIONS ARE NOT COMPLETED UNTIL THE FULL PAYMENT HAS BEEN RECEIVED AND PROCESSED.