

2023 SUMMER PROGRAMS

TENTATIVE SCHEDULE

FOR HIGH SCHOOL, MIDDLE SCHOOL &
ELEMENTARY SCHOOL STUDENTS

Office Hours from April 10th to June 18th

South Riding Center:

Monday through Friday from 6:30 pm to 8:30 pm,
Saturday from 9:30am – 12pm
Eastern Standard Time

Herndon Center:

Thursdays from 6:30 – 8:30pm,
Saturday 11:30 am to 3:30 pm
Eastern Standard Time

Ashburn Center:

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

Office Hours from June 19th to August 20th

South Riding Center:

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

Herndon Center:

Saturday 1:30 pm to 3:30 pm
Eastern Standard Time

Ashburn Center:

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

For Class Schedule Please Visit:

www.curielearning.com

CONTACT US:

Office phone number: (703) 798-6808

Dr.Rao Mulpuri: (703) 582-0436

Website: www.curielearning.com

Email: curielearning@gmail.com

43250 Stonewall Pond St., South Riding, VA 20152



Herndon Center:

13505 Dulles Technology
Dr., Suite 1,
Herndon, VA 20171

South Riding Center:

43250 Stonewall Pond St.,
South Riding, VA 20152

Ashburn Center:

20604 Gordon Park Square
#150 Ashburn, VA 20147

DROP BOXES AT THE SOUTH RIDING CENTER

All registration forms must be completed online before a payment is made. There is a drop box on the porch of the South Riding Center.
You may drop off your registration form and/or check into a box any time. Please place your check in an envelope. Please include your child's first and last name and the class for which your child is registered.

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

**REGISTRATIONS ARE NOT YET COMPLETED UNTIL
THE FULL PAYMENT HAS BEEN ACCEPTED AND PROCESSED.**

Curie's Signature Level 7 (Rising 8th Grade): TJ / AoS/ AET Coaching Program for Rising 8th Grade Students

Contact by phone@ 703-582-0436 or 703-798-6808

This program incorporates high-level coursework in math, English, writing, science and critical thinking with a focus on preparation for success in high school and college. This program will prepare students not only to pass any test for admission into specialized programs like AET, AOS, and TJ, but also to succeed and even thrive in high school and later in college.

Last chance for new 8th grade students to join!

Only a few students will be accepted after taking an evaluation exam.

July, 10th 2023 - December 2023



[CLICK HERE FOR THE LEVEL 7 \(Rising 8\) PROGRAM ENROLLMENT FORM](#)



SAT 1/PSAT/ACT COURSE

This 8-week online course is intended to prepare students for taking both math and English parts of the SAT/ACT test at the end of August or later. Students in 11th or 12th grade who will be taking or retaking these standardized tests at the end of August or later are encouraged to join. Students preparing for the PSAT are also welcome to join, as the topics tested for the SAT and PSAT are mostly identical. These students include rising 11th graders who plan to take the PSAT in October and the SAT and/or ACT at a later date.

Math classes meet on Wednesdays for two hour periods.

English classes meet on Sundays for two hour periods.

\$895

English Only: \$525

Math Only: \$525

Math: IN-PERSON (at South-Riding) **or ONLINE**

English: ONLINE ONLY

Wednesdays 5:30pm – 7:30pm (EST)

*Sundays 5:15pm – 7:15pm (EST).

June 21st - August 13th

*No classes will be held on July 4th due to the Independence Day holiday.



[CLICK HERE FOR THE SAT/PSAT/ACT ENROLLMENT FORM](#)



Curriculum for the SAT/PSAT/ACT English Course:

Writing: Correcting errors in passages for sentence structure, usage, and punctuation. Revising and editing passages widely varied in purpose, subject and complexity for improving the substance and the quality of writer's message.

Reading: Reading closely for determining what's stated or implied in a passage, citing textual evidence, determining central ideas and themes, summarizing, understanding relationships, interpreting words and phrases in context.

Curriculum for the SAT/PSAT/ACT Math Course:

Mathematics: Topics to be covered (but not limited to): Analyzing relations using proportions and percentages; analyzing data using measures of central tendency of data; conversion of units; using counting and probability concepts for solving real world context problems; identifying equivalent algebraic expressions; solving: exponential, absolute and linear equations, inequalities, systems of linear equations, and quadratic equations; modeling and graphing of real world situations using linear and nonlinear functions; translations and reflections of functions; addition, subtraction, multiplication and division of complex numbers; logarithm operation; sequences; trigonometric functions; lines and angles; solving problems related to perimeter, area, surface area, and volume of 2-D and 3-D figures.

ENGLISH COURSES

Summer Bridge English Program

For Rising Levels 5–7

For new Curie Learning students who want to “bridge the gap” so they are prepared to join the next level in the upcoming school year!

This **eight-week** course offers a condensed version of our school year English class. Students will have weekly writing and grammar lessons, the most important lessons chosen from our school year class. Students will also write an essay and receive feedback on their rough draft and final draft.

At the end of the class, students will take the placement test. A passing placement test score will allow them to join the next level for the upcoming school year.

*Students will only be permitted to join the sections for which they are registered. Instructional videos or class visitations will not be permitted should a student miss class.



[CLICK HERE FOR AN INFORMATION VIDEO!](#)

Rising Grade:	Rising 5 th Grade	Rising 6 th Grade	Rising 7 th Grade
Online *For online courses, materials are provided through the Google Classroom and are printed from home by the students.	Tuesdays 6:30pm – 8:30pm <i>Eastern Standard Time</i> 6/20 - 8/15 \$475 15 student CAP **Due to the holiday on 7/4, this class will be extended one week**	Wednesdays 6:30pm – 8:30pm <i>Eastern Standard Time</i> 6/21 - 8/9 \$475 15 student CAP	Mondays 6:30pm – 8:30pm <i>Eastern Standard Time</i> 6/19 - 8/7 \$475 15 student CAP
South Riding Center	Tuesdays 6:30pm – 8:30pm <i>Eastern Standard Time</i> 6/20 - 8/15 \$525 15 student CAP **Due to the holiday on 7/4, this class will be extended one week**	Wednesdays 6:30pm – 8:30pm <i>Eastern Standard Time</i> 6/21 - 8/9 \$525 15 student CAP	Mondays 6:30pm – 8:30pm <i>Eastern Standard Time</i> 6/19 - 8/7 \$525 15 student CAP

There will be a **\$100 discount from the total price for any student simultaneously enrolled for both this course and the **Bridge Math** course**

Important Notes:

- Taking this class does not guarantee that students will be able to join the next level for the following school year; this depends on the student’s performance in the class and on the placement test.
- If you are contemplating joining both Bridge English and Bridge Math, consider the time requirement. Each class requires an estimated 2-3 hours of homework outside the class. This is a large commitment for students and parents alike.
- Rising third and fourth graders are welcome to join the Nonfiction class; this should help them prepare for the next school year.



[CLICK HERE FOR THE BRIDGE ENGLISH ENROLLMENT FORM](#)



Nonfiction English Reading and Writing: (For Rising Grades 3–7)

Total Classroom
Teaching Hours:
10.5

This **seven-week** course focuses on strategies of reading nonfiction material. Students will read nonfiction books and articles and participate in discussions, activities, and written work about the material read. They will also write an essay and receive weekly feedback on their writing from their teacher. This class is highly recommended to improve reading comprehension skills, which is very important for academic success. This course will also help students in writing essays on diversified topics. (Knowledge of diversified nonfiction topics is crucial for success in many academic subjects as well as the TJ/AOS admission process.) **Students will only be permitted to attend the sections for which they are registered. Instructional videos or class visitations will not be permitted should a student miss class.*

[**CLICK HERE FOR AN INFORMATION VIDEO!**](#)

This course will require the purchase of two nonfiction books. Please see the links below for details. Once you have registered, an email will be sent to you listing the books that you will need to purchase.

Rising Grade:	Rising 3 rd Grade	Rising 4 th Grade	Rising 5 th Grade	Rising 6 th Grade	Rising 7 th Grade
Online *For online courses, materials are provided through the Google Classroom and are printed from home by the students.	Thursdays 6:30pm – 7:30pm <i>Eastern Standard Time</i> 6/29 - 8/10 ----- \$215 (7 teaching hours) <i>10 student CAP</i>	Wednesdays 6:00pm – 7:30pm <i>Eastern Standard Time</i> 6/28 - 8/9 ----- \$325 (10.5 teaching hours) <i>15 student CAP</i>	Tuesdays 6:00pm – 7:30pm <i>Eastern Standard Time</i> 6/27 - 8/15 **Due to the holiday on 7/4, this class will be extended one week** ----- \$325 (10.5 teaching hours) <i>15 student CAP</i>	Wednesdays 7:30pm – 9:00pm <i>Eastern Standard Time</i> 6/28 - 8/9 ----- \$325 (10.5 teaching hours) <i>15 student CAP</i>	Mondays 7:30pm – 9:00pm <i>Eastern Standard Time</i> 6/26 - 8/7 ----- \$325 (10.5 teaching hours) <i>15 student CAP</i>
South Riding Center	Tuesdays 6:00pm – 7:00pm <i>Eastern Standard Time</i> 6/27 - 8/15 **Due to the holiday on 7/4, this class will be extended one week** ----- \$265 (7 teaching hours) <i>10 student CAP</i> <i>South Riding Center</i>	Mondays 6:00pm – 7:30pm <i>Eastern Standard Time</i> 6/26 - 8/7 ----- \$375 (10.5 teaching hours) <i>15 student CAP</i> <i>South Riding Center</i>	Thursdays 6:00pm – 7:30pm <i>Eastern Standard Time</i> 6/29 - 8/10 ----- \$375 (10.5 teaching hours) <i>15 student CAP</i> <i>South Riding Center</i>	Mondays 7:30pm – 9:00pm <i>Eastern Standard Time</i> 6/26 - 8/7 ----- \$375 (10.5 teaching hours) <i>15 student CAP</i> <i>South Riding Center</i>	Wednesdays 7:30pm – 9:00pm <i>Eastern Standard Time</i> 6/28 - 8/9 ----- \$375 (10.5 teaching hours) <i>15 student CAP</i> <i>South Riding Center</i>

There will be a **\$100 discount from the total price for any student simultaneously enrolled for both this course and the **Continuing Math** or **Bridge Math** course**

Click the hyperlinks below for the Amazon link:

***You may also use the ISBN to search for the books using other sites**

RISING 3: [Who Was Walt Disney?](#) AND [Moto and Me: My Year as a Wildcat's Foster Mom](#)

RISING 4: [Producers, Consumers, and Decomposers](#) AND [It's Been a While, River Nile](#)

RISING 5: [John Adams: Young Revolutionary](#)

RISING 6: [A Long Walk to Water](#) AND [What a Waste! Where Does the Garbage Go?](#)

RISING 7: [Red Scarf Girl](#)



[**CLICK HERE FOR THE NONFICTION READING ENROLLMENT FORM**](#)



Writing College Application Essays

For Rising Grades 10–12

(Part I of Writing for College and Career Preparation, which is offered during the school year)

An **eight-week** course providing intensive instruction and practice in writing the Common Application essays

Minimum capsizes: 5 / Maximum capsizes: 8

[CLICK HERE FOR AN INFORMATION VIDEO!](#)

Students will write and polish several of the Common Application essays, which are used in many universities' application processes. They are also welcome to bring in other essays they are writing for specific universities. Students will improve their essays through weekly feedback from the teacher and their peers.

This is a small-group class, structured similarly to a writing group. Students are expected to bring their writing assignment each week to share with the class. They are expected to give and accept feedback from the teacher and their peers. This small-group class structure provides an ideal environment for writing improvement.

Why Join Writing College Application Essays?

- Students receive personalized feedback on their writing every week from an experienced writing teacher!
- Students will prepare and polish several essays that they can use to apply for college, potentially leading to greater rates of college acceptance and scholarships.
- Students will receive advice that will make the college application process easier to navigate.
- The writing skills learned will give students a head start on high school and college writing assignments.
- Students may improve their grades in English and writing classes, and other classes as well, since almost every class involves writing!
- Students get a chance to discuss writing and ask questions in an interactive, small-group learning environment, a more effective way to learn writing than in a large class.

\$395

Online: Mondays 7:45pm – 8:45pm (EST) from June 19th - August 7th



[CLICK HERE FOR THE WRITING COLLEGE APPLICATION ESSAYS ENROLLMENT FORM](#)



Persuasive Writing Fundamentals

For Rising Grades 9–12

(Part I of High School Writing Fundamentals, which is offered during the school year)

An **eight-week** course providing intensive instruction and practice in persuasive essays (five-paragraph argumentative essays)

Minimum capsizes: 5 / Maximum capsizes: 8

[**CLICK HERE FOR AN INFORMATION VIDEO!**](#)

Mastering persuasive writing skills is crucial for student success in English classes in high school and college. Students will improve their persuasive essay through weekly feedback from the teacher and their peers.

This is a small-group class, structured similarly to a writing group. Students are expected to bring their writing assignment each week to share with the class. They are expected to give and accept feedback from the teacher and their peers. This small-group class structure provides an ideal environment for writing improvement.

Why Join Persuasive Writing Fundamentals?

- Students receive personalized feedback on their writing every week from an experienced writing teacher!
- The writing skills learned will give students a head start on high school and college writing assignments.
- Students may improve their grades in English and writing classes, and other classes as well, since almost every class involves writing!
- Students get a chance to discuss writing and ask questions in an interactive, small-group learning environment, a more effective way to learn writing than in a large class.

\$395

Online: Mondays 6:30pm – 7:30pm (EST) from **June 19th - August 7th**



[**CLICK HERE FOR THE PERSUASIVE WRITING FUNDAMENTALS ENROLLMENT FORM**](#)



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MATH COURSES

Summer Bridge Math Program

This **eight-week** course is recommended for **students who are new to our program** or who would like the “bridge the gap” between levels during the summer months. For those who plan to join our program for the upcoming year, this will give the student a boost for the upcoming school year. This is good for new students who are only interested in a summer program in order to continue learning and practicing math skills. **The curriculum used for this course includes units that are taught in our program for the previous school year; for example, an advanced rising 6th grade student will be taught most of our Level 5 curriculum for this course and will be on track to take our Level 6 program in the fall.**

The teaching will be conducted in a small group setting according to grade level. Students will be given videos and homework after every session which will need to be done before the next class. Parental support will be needed to help monitor the homework and parents will be given answer keys in order to provide the student with the immediate feedback necessary.



[CLICK HERE FOR AN INFORMATION VIDEO and CURRICULUM LISTS!](#)

Rising Grade:	Rising Level 2 (Our Level 1 Curriculum)	Rising Level 3 (Our Level 2 Curriculum)	Rising Level 4 (Our Level 3 Curriculum)	Rising Level 5 (Our Level 4 Curriculum)	Rising Level 6 (Our Level 5 Curriculum)
Online *For online courses, materials are provided through the Google Classroom and are printed from home by the students.	Mondays and Wednesdays 6:30pm – 8:00pm 6/19 - 8/9 ----- \$725 (24 teaching hours) 8 student CAP	Mondays and Wednesdays 6:00pm – 7:30pm 6/19 - 8/9 ----- \$725 (24 teaching hours) 10 student CAP	Tuesdays and Thursdays 6:00pm – 7:30pm 6/20 - 8/15 **Due to the holiday on 7/4, this class will be extended until the 15th** ----- \$725 (24 teaching hours) 15 student CAP	Mondays and Wednesdays 7:30pm – 9:00pm 6/19 - 8/9 ----- \$725 (24 teaching hours) 20 student CAP	Tuesdays and Thursdays 7:30pm – 9:00pm 6/20 - 8/15 **Due to the holiday on 7/4, this class will be extended until the 15th** ----- \$725 (24 teaching hours) 25 student CAP
South Riding Center	Mondays and Wednesdays 6:30pm – 8:00pm 6/19 - 8/9 ----- \$775 (24 teaching hours) 8 student CAP	Mondays and Wednesdays 6:00pm – 7:30pm 6/19 - 8/9 ----- \$775 (24 teaching hours) 10 student CAP	Tuesdays and Thursdays 6:00pm – 7:30pm 6/20 - 8/15 **Due to the holiday on 7/4, this class will be extended until the 15th** ----- \$775 (24 teaching hours) 15 student CAP	Mondays and Wednesdays 7:30pm – 9:00pm 6/19 - 8/9 ----- \$775 (24 teaching hours) 20 student CAP	Tuesdays and Thursdays 7:30pm – 9:00pm 6/20 - 8/15 **Due to the holiday on 7/4, this class will be extended until the 15th** ----- \$775 (24 teaching hours) 25 student CAP

****There will be a \$100 discount on the total price for any student enrolled for both this course and a Non Fiction Reading & Writing or Bridge English course****

Important Notes:

- Taking this class does not guarantee that students will be able to join the next level for the following school year; this depends on the student’s performance in the class and on the placement test.
- If you are contemplating joining both Bridge English and Bridge Math, consider the time requirement. Each class requires an estimated 2-3 hours of homework outside the class. This is a large commitment for students and parents alike.
- The Bridge Program for Rising 7th Graders is the **Algebra 1 Course**



[CLICK HERE FOR THE BRIDGE MATH ENROLLMENT FORM](#)



Continuing Math Program (For Continuing Curie Learning Students ONLY)

Total
Teaching Hours: **7**
+ Online Videos

This **seven-week** instructional course continues the concepts taught during the previous academic school year. One extra unit will be taught per level.

This class is strictly intended for students who have been attending through the previous school year. One additional unit will be taught as a continuation of our regular academic program.

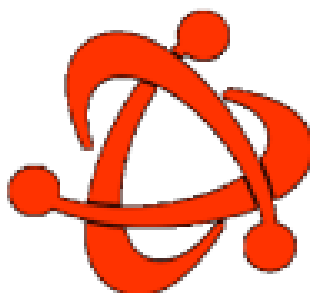
[CLICK HERE FOR AN INFORMATION VIDEO AND CURRICULUM LISTS!](#)

Rising Grade:	Continuing Level 2 (Rising Level 3) Measurement Unit	Continuing Level 3 (Rising Level 4) Pre-Algebra Unit	Continuing Level 4 (Rising Level 5) Geometry Unit	Continuing Level 5 (Rising Level 6) Probability Unit	Continuing Level 6 (Rising Level 7) Geometry Unit
Online *For online courses, materials are provided through the Google Classroom and are printed from home by the students.	Thursdays 7:30pm – 8:30pm 6/29 - 8/10 ----- \$285 (7 teaching hours) 10 student CAP	Wednesdays 7:30pm – 8:30pm 6/28 - 8/9 ----- \$285 (7 teaching hours) 15 student CAP	Tuesdays 7:30pm – 8:30pm 6/27 - 8/15 **Due to the holiday on 7/4, this class will be extended until the 15th** ----- \$285 (7 teaching hours) 20 student CAP	Wednesdays 6:30pm – 7:30pm 6/28 - 8/9 ----- \$285 (7 teaching hours) 25 student CAP	Mondays 6:30pm – 7:30pm 6/26 - 8/7 ----- \$285 (7 teaching hours) 30 student CAP
South Riding Center	Tuesdays 7:00pm – 8:00pm 6/27 - 8/15 **Due to the holiday on 7/4, this class will be extended one week** ----- \$335 (7 teaching hours) 10 student CAP South Riding Center	Mondays 7:30pm – 8:30pm 6/26 - 8/7 ----- \$335 (7 teaching hours) 15 student CAP South Riding Center	Thursdays 7:30pm – 8:30pm 6/29 - 8/10 ----- \$335 (7 teaching hours) 20 student CAP South Riding Center	Mondays 6:30pm – 7:30pm 6/26 - 8/7 ----- \$335 (7 teaching hours) 25 student CAP South Riding Center	Wednesdays 6:30pm – 7:30pm 6/28 - 8/9 ----- \$335 (7 teaching hours) 30 student CAP South Riding Center

****There will be a \$100 discount on the total price for any student enrolled for both this course and a Non Fiction Reading & Writing course****



[CLICK HERE FOR THE CONTINUING MATH ENROLLMENT FORM](#)



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Algebra 1

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). Not only will we give the students a head start with the concepts taught in any Algebra 1 course, we will help 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 later on.

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

[CLICK HERE FOR AN INFORMATION VIDEO AND CURRICULUM LIST](#)

\$750

*Online—
Tuesdays & Thursdays
from 6:30 – 8:30 pm (EST)
[6/20 – 8/15]*

\$795

*South Riding Center—
Tuesdays & Thursdays
from 6:30 – 8:30 pm (EST)
[6/20 – 8/15]*

This class will meet twice per week for two-hour sessions for a total of 16 sessions.
*No classes will be held on July 4th due to the Independence Day holiday.

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

High School Geometry

This **eight-week** course is intended to prepare students for taking high school Geometry during the upcoming academic year. In the day schools, Geometry is the class that follows Algebra 1 the previous year. Whether students are taking Geometry as a middle school or high school student, our program will help prepare them for this high-school-credit math class (which affects their high school GPA). Not only will we give the students a head start with the concepts taught in any Geometry course, we will help them to transition into an advanced Geometry course by expecting a certain degree of rigor and independent learning skills. Also, gaining a thorough understanding of Geometry concepts is necessary for scoring well on the SAT/ACT later on.

[CLICK HERE FOR THE CURRICULUM LIST](#)

\$750

ONLINE ONLY: TO BE ANNOUNCED

This class will meet twice per week for two-hour sessions.
The course will run through the week of 6/19 through 8/15.
*No classes will be held on July 4th due to the Independence Day holiday.

 [CLICK HERE FOR THE GEOMETRY ENROLLMENT FORM](#) 



Algebra 2

This **eight-week** course is intended to prepare students for taking high school Algebra 2 during the upcoming academic year. In the day schools, the progression of math courses is the following order: first Algebra 1, then Geometry, then Algebra 2; Algebra 2 is a course required for a high school diploma and which most students take as 8th, 9th, or 10th graders (depending upon their level). Our program will help prepare students for this high-school-credit math class (which affects their high school GPA). Not only will we give the students a head-start with the concepts taught in any Algebra 2 course, we will help them to transition into an advanced Algebra 2 course by expecting a certain degree of rigor and independent learning skills. Also, gaining a thorough understanding of Algebra 2 concepts is necessary for scoring well in SAT/ACT later on. High SAT/ACT scores are required for getting admission into good colleges.

[CLICK HERE FOR THE CURRICULUM LIST](#)

\$750

ONLINE AND IN-PERSON OPTIONS AVAILABLE: *SCHEDULE TO BE ANNOUNCED*

This class will meet twice per week for two-hour sessions.

The course will run through the week of 6/19 through 8/15.

*No classes will be held on July 4th due to the Independence Day holiday.

 [CLICK HERE FOR THE ALGEBRA 2 ENROLLMENT FORM](#) 

Pre-Calculus

This **eight-week** course is intended to prepare students for taking high school Pre-Calculus during the upcoming academic year. In the day schools, students have the option to take Pre-Calculus after completing Algebra 2. Our program will help prepare students for this high-school-credit math class (which affects their high school GPA). Not only will we give the students a head start with the concepts taught in any Pre-Calculus course, we will help them to transition into an advanced Pre-Calculus course by expecting a certain degree of rigor and independent learning skills. Also, gaining a thorough understanding of Pre-Calculus concepts is necessary to prepare for higher level math courses like AP Calculus, Calculus AB/BC, and AP Statistics.

[CLICK HERE FOR THE CURRICULUM LIST](#)



\$750

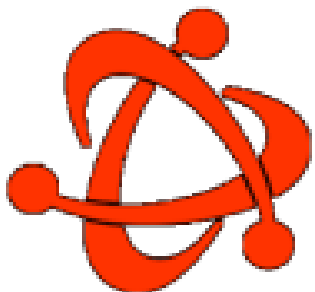
ONLINE AND IN-PERSON OPTIONS AVAILABLE: *SCHEDULE TO BE ANNOUNCED*

This class will meet twice per week for two-hour sessions.

The course will run through the week of 6/19 through 8/15.

*No classes will be held on July 4th due to the Independence Day holiday.

 [CLICK HERE FOR THE PRECALCULUS ENROLLMENT FORM](#) 



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Calculus AB

This **eight-week** course is intended to prepare students for taking AP Calculus AB/BC course in the coming academic year. Most of the topics in AP Calculus BC are included in AP Calculus AB. Preparing for the AP course is a great idea not only for scoring a high grade in the course, but also for scoring well in the AP Exam at the end of the academic year. Many colleges require an AP Exam score of 4 or 5 to transfer the course for college credit. Subject SAT (SAT II) exams have been removed by the College Board and colleges will be highly focused on the AP subject scores in the admission process.

[CLICK HERE FOR THE CURRICULUM LIST](#)

\$750

ONLINE ONLY: TO BE ANNOUNCED

This class will meet twice per week for two-hour sessions.

The course will run through the week of 6/19 through 8/15.

*No classes will be held on July 4th due to the Independence Day holiday.



[CLICK HERE FOR THE CALCULUS AB ENROLLMENT FORM](#)



AET Freshman Math

If a student will be joining the AET Freshman course for the upcoming school year, it is recommended that the student register for our **Algebra 2** course. This is the material that will best prepare students for the AET Freshman Math program.

Please see the information for the Algebra 2 Course



[CLICK HERE FOR THE ALGEBRA 2 ENROLLMENT FORM](#)



SCIENCE COURSES

Honors (High School) Biology

This **eight-week** instruction-based course is intended to prepare students who will be taking a General or Honors biology course during the upcoming school year. In this instruction-based course, we cover all the general material taught in any high school biology course plus the higher-level concepts taught in the Honors & AP courses.

For students who are taking AP Biology during the upcoming school year, it is recommended that the student join our AP Test Preparation course during the school year; it is in the AP Test Preparation course that we focus on the upcoming AP Exam.

[CLICK HERE FOR THE CURRICULUM LIST](#)

\$750

ONLINE ONLY: TO BE ANNOUNCED

This class will meet twice per week for two-hour sessions.

The course will run through the week of 6/19 through 8/15.

*No classes will be held on July 4th due to the Independence Day holiday.



[CLICK HERE FOR THE HONORS BIOLOGY ENROLLMENT FORM](#)



AP Biology

This **eight-week** course is intended to prepare students for taking the AP Biology course in the coming academic year. Preparing for the AP course is useful, not only for getting a high grade in the course, but also for scoring well in the AP Exam at the end of the academic year. Many colleges require an AP Exam score of 4 or 5 to transfer the course for college credit. Subject SAT (SAT II) exams have been removed by the College Board and colleges will now be more focused on AP subject scores in the admission process.

For students who are taking AP Biology during the upcoming school year, we also recommend that the student join our AP Test Preparation course during the school year; it is in the AP Test Preparation course that we focus on the upcoming AP Exam.

[CLICK HERE FOR THE CURRICULUM LIST](#)

\$750

ONLINE ONLY: TO BE ANNOUNCED

This class will meet twice per week for two-hour sessions.

The course will run through the week of 6/19 through 8/15.

*No classes will be held on July 4th due to the Independence Day holiday.



[CLICK HERE FOR THE AP BIOLOGY ENROLLMENT FORM](#)



Honors Chemistry

This **eight-week** instruction-based course is intended to prepare students for taking an Honors Chemistry course in the coming academic year. Honors chemistry is often considered a more difficult high school course, as it is a college prep. course. It is very mathematically and logically driven. A head-start with these concepts will help in student success when taking the Honors Chemistry course during the school year.

[CLICK HERE FOR THE CURRICULUM LIST](#)

\$750

ONLINE ONLY: TO BE ANNOUNCED

This class will meet twice per week for two-hour sessions.

The course will run through the week of 6/19 through 8/15.

*No classes will be held on July 4th due to the Independence Day holiday.



[CLICK HERE FOR THE HONORS CHEMISTRY ENROLLMENT FORM](#)



AP Chemistry

This **eight-week** course is intended to prepare students for taking the AP Chemistry course in the coming academic year. Preparing for the AP course is a great idea not only for getting a high grade in the course, but also for scoring well in the AP Exam at the end of the academic year. Many colleges require an AP Exam score of 4 or 5 to transfer the course for college credit. Subject SAT (SAT II) exams have been removed by the College Board and colleges from now on will be looking at AP subject scores in the admission process.

For students who are taking AP Chemistry during the upcoming school year, we also recommend that the student join our AP Test Preparation course during the school year; it is in the AP Test Preparation course that we focus on the upcoming AP Exam.

[CLICK HERE FOR THE CURRICULUM LIST](#)

\$750

ONLINE ONLY: TO BE ANNOUNCED

This class will meet twice per week for two-hour sessions.

The course will run through the week of 6/19 through 8/15.

*No classes will be held on July 4th due to the Independence Day holiday.



[CLICK HERE FOR THE AP CHEMISTRY ENROLLMENT FORM](#)



Honors Physics

High School Physics Honors / AP Physics 1 / AP Physics C: Mechanics

This **eight week** course is designed to prepare students to take high school General Physics or Honors Physics during the upcoming academic school year. We teach concepts using algebra; however, the concepts and problem solving strategies behind the methods are similar for all high school physics courses. Our course will provide an excellent head start no matter which of the two physics courses the student is taking during the upcoming school year; we teach the physics concepts as well as problem-solving strategies. We also conduct simulations for experience.

[CLICK HERE FOR THE CURRICULUM LIST](#)

\$750

ONLINE ONLY: TO BE ANNOUNCED

This class will meet twice per week for two-hour sessions.
The course will run through the week of 6/19 through 8/15.

*No classes will be held on July 4th due to the Independence Day holiday.



[CLICK HERE FOR THE HONORS PHYSICS ENROLLMENT FORM](#)



AP Physics

AP Physics 1 / AP Physics C: Mechanics

This **eight week** course is designed to prepare students to take high school AP physics during the upcoming academic school year. The base knowledge one can acquire in AP Physics 1 and AP Physics C (Mechanics) courses is the same except that AP Physics 1 is algebra based and AP Physics C: Mechanics is calculus based. We mainly teach concepts using algebra; however, if time allows, we may introduce some calculus. The concepts and problem-solving strategies behind the methods are similar for all high school physics courses.

Our course will provide an excellent head start no matter which physics course the student is taking during the upcoming school year. After taking our course students may be able to bypass High School Physics Honors and go straight for either AP Physics 1 or AP Physics C: Mechanics. Our course also helps students to decide on taking AP Physics 1 or AP Physics C: Mechanics. Preparing for the course in summer is beneficial because many colleges require an AP Exam score of 4 or 5 to transfer the course for college credit.

[CLICK HERE FOR THE CURRICULUM LIST](#)

NOTE: If there enough of a demand for it, we can add classes for students who would like to be exposed to the calculus-based problems for an extra fee.

\$750

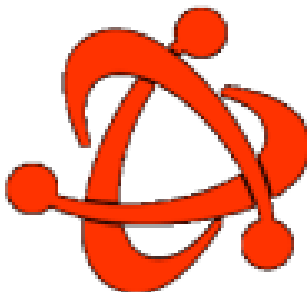
ONLINE ONLY: TO BE ANNOUNCED

This class will meet twice per week for two-hour sessions.
The course will run through the week of 6/19 through 8/15.

*No classes will be held on July 4th due to the Independence Day holiday.



[CLICK HERE FOR THE AP PHYSICS ENROLLMENT FORM](#)



COMPUTER COURSES

Intro to JAVA (ACSL Programming)

Rising 6th Grade and Up

Introduction to Java/ACSL is a fast-paced **three-week-long** course that covers the fundamentals of computer science and programming in Java. The course is the perfect way for 6th-10th graders to take advantage of their summer and improve their skills in computer programming and also work towards the ACSL competition. The course is **project-based**, and emphasizes real-world applications of coding, giving students many opportunities to practice the skills they learn and truly master the content over the course of the week. The class is taught by Aashray Manchanda, a Computer Engineering student at UC Berkeley, and has been taught many times over the past three years, consistently receiving great reviews.

[CLICK HERE FOR THE COURSE SCHEDULE](#)

\$275

ONLINE ONLY: Tuesdays *and* Thursdays (7/11-7/27), 9 AM - 11 AM EST

This class will meet once per week for two-hour sessions.

*No classes will be held on July 4th due to the Independence Day holiday.



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



High School JAVA

(TJ Freshman JAVA)

In this **eight-week** course students will learn to program using JAVA, a widely used general purpose programming language. This course is designed to prepare students to excel in freshman Computer Science course at TJ and Computer Science course at other high schools for rising 9th, 10th, 11th or 12th grade students. Students will have hands-on experience with coding. Classes meet twice a week.

[CLICK HERE FOR THE CURRICULUM LIST](#)

\$575

ONLINE ONLY: TO BE ANNOUNCED

This class will meet twice per week for two-hour sessions.

The course will run through the week of 6/19 through 8/15.

*No classes will be held on July 4th due to the Independence Day holiday.



[CLICK HERE FOR THE INRO TO HIGH SCHOOL JAVA ENROLLMENT FORM](#)



AP Computer Science

This **eight week** course is intended to prepare students for taking the AP Computer Science A course in the coming academic year. Preparing for the AP course is a great idea not only for getting a high grade in the course, but also for scoring well in the AP Exam at the end of the academic year. Many colleges require an AP Exam score of 4 or 5 to transfer the course for college credit. Subject SAT (SAT II) exams have been removed by the College Board, and colleges from now on will be looking at

AP subject scores in the admission process.

[CLICK HERE FOR THE CURRICULUM LIST](#)

\$575

ONLINE ONLY: TO BE ANNOUNCED

This class will meet twice per week for two-hour sessions.

The course will run through the week of 6/19 through 8/15.

*No classes will be held on July 4th due to the Independence Day holiday.



[CLICK HERE FOR THE AP COMPUTER SCIENCE ENROLLMENT FORM](#)



STEM COURSES & CAMPS

Experimental Physics

Rising 6th - 8th Graders

A six-week course that covers an overview of basic physics concepts. This course is intended to generate interest in the Physical Sciences through hands-on laboratory activities in various areas of physics. This course is highly recommended for rising 6th and 7th Graders as it can be used as a strong supporting evidence example in preparing the Student Information Sheet (SIS) during TJ/AOS admission process. This course is also highly recommended for rising 8th Graders who have not participated in enough STEM based activities so far. Physics is the backbone of Engineering, and inspiring young minds early on is the key for their academic success in later years. Classes meet twice a week.

[CLICK HERE FOR THE CAMP ITINERARY](#)

\$375

IN-PERSON ONLY: TO BE ANNOUNCED

This class will meet twice per week for two-hour sessions.

*No classes will be held on July 4th due to the Independence Day holiday.



[CLICK HERE FOR THE EXPERIMENTAL PHYSICS ENROLLMENT FORM](#)



Robotics & Arduinos Camp – (In-Person)

Rising 6th to 9th Graders

During this **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 basics of C++ or Arduino programming, and will gain experience with assembling and testing a robot kit.

[CLICK HERE FOR THE CAMP ITINERARY](#)

\$375

IN-PERSON ONLY: TO BE ANNOUNCED



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



Python Programming: an Introductory Course

3-week Course for Rising 6th – 10th Grade Student

Introduction to Python is a fast-paced **three-week-long** course that covers the fundamentals of computer science and programming, taught in Python. The course offers a great introduction to computer programming for anyone new to coding. The course is **project-based**, and emphasizes real-world applications of coding, giving students many opportunities to practice the skills they learn and truly master the content over the course of the week. The class is taught by Aashray Manchanda, a Computer Engineering student at UC Berkeley, and has been taught many times over the past three years, consistently receiving great reviews.

This class meets twice per week for two-hour sessions.

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

\$250

ONLINE ONLY: Mondays and Wednesdays (7/10-7/26), 9 AM - 11 AM EST



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



Introduction to Python Programming Camp

5-Day Camp for Rising 6th – 10th Grade Student

This course covers the exact same content as the one-week course option. With this option being 6-days instead of 5, it is slightly slower-paced and will provide more time to digest the content being learned

Introduction to Python is a fast-paced **one-week-long** course that covers the fundamentals of computer science and programming, taught in Python. The course offers a great introduction to computer programming for anyone new to coding. The course is **project-based**, and emphasizes real-world applications of coding, giving students many opportunities to practice the skills they learn and truly master the content over the course of the week. The class is taught by Aashray Manchanda, a Computer Engineering student at UC Berkeley, and has been taught many times over the past three years, consistently receiving great reviews.

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

\$200

ONLINE ONLY: Monday - Friday (6/26-6/30), 9 AM - 11 AM EST



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



Rocket Design and Construction Camp

Rising 6th to 8th Graders

During this **one-week** camp, students will use hands-on rocketry kits and learn about all the aspects of rocketry from our team of experienced rocketry instructors. Students will first learn about the basics of programming, computer-aided design, chemistry, and physics as well as their implementations in rocket science and design. Students will then have the opportunity to build and launch model rockets with the concepts they have learned. We, Project Caelus, are the first high school team to attempt to build and launch a liquid-fueled rocket, and the first with several successful system-wide water cold flows. This camp will serve as an introduction to the world of rocketry, and will hopefully spark a lifelong passion.

[CLICK HERE FOR THE CAMP ITINERARY](#)

\$275

DETAILS FOR THIS CAMP WILL BE ANNOUNCED AT A LATER DATE

This class will meet twice per week for two-hour sessions.

*No classes will be held on July 4th due to the Independence Day holiday.



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



Quantum Computing Course

Rising 7th to 9th Graders

[CLICK HERE FOR THE COURSE CURRICULUM](#)

DETAILS FOR THIS CAMP WILL BE ANNOUNCED AT A LATER DATE



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



Quantum Physics Course

Rising 7th to 8th Graders

[CLICK HERE FOR THE COURSE CURRICULUM](#)

DETAILS FOR THIS CAMP WILL BE ANNOUNCED AT A LATER DATE



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



Herndon Center:

13505 Dulles Technology
Dr., Suite 1,
Herndon, VA 20171

South Riding Center:

43250 Stonewall Pond St.,
South Riding, VA 20152

Ashburn Center:

20604 Gordon Park Square
#150 Ashburn, VA 20147

DROP BOXES AT THE SOUTH RIDING CENTER

All registration forms must be completed online before a payment is made. There is a drop box on the porch of the South Riding Center. *You may drop off your registration form and/or check into a box any time. Please place your check in an envelope. Please include your child's first and last name and the class for which your child is registered.*

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

**REGISTRATIONS ARE NOT YET COMPLETED UNTIL
THE FULL PAYMENT HAS BEEN ACCEPTED AND PROCESSED.**

Suggested Course / Camps Form

If there are any courses or camps of a particular subject that your student may be interested in taking, but cannot be found on our current schedule, please let us know by filling out details in this form.

** Although your requested course/camp may or may not be held this year, it will be taken into potential consideration for the near future. If the requested course is planned to be offered, we will let you know!

Please fill the following form: <https://forms.gle/9SMM5NEEBMACMAzd9>

