

RIVERSIDE HIGH SCHOOL

"Home of the Rams"

19019 Upper Belmont Place

Leesburg, VA 20176

Phone: 703-554-8907

Fax: 703-858-7911

CEEB/ACT: 470-064

www.lcps.org/rvhs

Principal: Doug Anderson

Director of School Counseling: Luke Mason



School Counseling Staff

Luke Mason	A - BI
Amanda Johnson	Bo-Doc
Cassandra Asekhauno	Dod-Har
Lexi Vaughn	Has-Laj
Kimberley Harris	Lak-Mor
Dan Harris	Mos-Reh
Tyler Wagner	Rei-Sup
Tracy Wood	Sur-Z

Kathleen Jackson, Registrar
Susan Gorman, Administrative Assistant

SCHOOL/COMMUNITY INFORMATION

Riverside High School is a comprehensive high school located in a suburban community 35 miles northwest of Washington, D.C. Opened in 2015, this public high school includes grades 9-12 and is located in Loudoun County, one of the country's and Virginia's fastest growing counties. This 2022-2023 school year Riverside High School's enrollment is 1818 with 470 seniors representing the class of 2023. Riverside High School is accredited by AdvancED and the Virginia Board of Education. Riverside High School is a member of the National Association of College Admission counselors and complies with the NACAC Statement of Principles and Good Practice.

COVID

Loudoun County Public Schools closed on March 12, 2020 during the 3rd quarter due to the COVID-19 pandemic. Beginning April 15, 2020, teachers began teaching new content for 4th quarter through synchronous and asynchronous virtual learning opportunities. Students were given the option to select a final grade of Pass (P) or their calculated grade (A+ through D-).

CLASS OF 2022 STATISTICS POST HIGH SCHOOL PLANS

4-year college.....	80.8%
2-year college.....	11.7%
Other education, military.....	2.2%
Work or other.....	5.3%

SAT MEAN SCORES (CLASS OF 2022)

	English	Math
State	572	552
LCPS	595	583
RVHS	586	578

ACT AVERAGE SCORES (CLASS OF 2022)

	Composite Score
State	25.5
LCPS	26.1
RVHS	24.2

VIRGINIA/LCPS GRADUATION REQUIREMENTS

Advanced Studies Diploma	<i>Required Units</i>
English	4
Math	4
Social Studies	4
Laboratory Science.....	4
World Language	3
Health and Physical Education.....	2
Fine Art or CTE.....	1
Economics & Personal Finance.....	1
Electives.....	3

Total Credits (5 Verified Units of Credit)..... 26

Standard Diploma	<i>Required Units</i>
English	4
Math	3
Social Studies	3
Laboratory Science.....	3
Health and Physical Education.....	2
World Language, Fine Art or CTE	2
Economics & Personal Finance.....	1
Electives.....	4

Total Credits (5 Verified Units of Credit)..... 22

CLASS RANK

- Seniors pursuing a Standard or Advanced Studies Diploma are ranked.
- Class Rank is reported on the student's transcript.
- Non-graded and Pass/Fail classes are excluded from rank.
- AP and Dual Enrollment courses receive 1.0 weighting.
- AOS, AET, and Honors courses receive .5 weighting.

CURRICULUM INFORMATION

The following are the highest-level courses offered in:

English: AP English Literature and Composition, AP English Language and Composition, DE English 12

Math: AP Computer Science A, AP Computer Science Principles, AP Calculus AB, AP Calculus BC, AP Statistics

Social Studies: AP US & Comparative Government, AP U.S. History, AP Psychology, AP World History, AP Macro & Micro Economics, AP Human Geography, DE US History, DE US & VA Government

Science: AP/DE Biology, AP Chemistry, AP Physics C, DE Independent Science Research, AP Environmental Science, DE Geospatial Science

World Languages: AP French Language, AP German Language, AP Latin, AP Spanish Language, AP Spanish Literature

Fine Arts: AP Drawing, AP 3D Art & Design, AP 2D Art & Design

Other: AP Seminar, AP Research, Teacher Cadet DE

SPECIAL CURRICULUM FEATURES

AOS: Academy of Science- a selective LCPS program in which students pursue an intensive scientific curriculum enriched through research and experimentation.

AET: Academy of Engineering and Technology -integrated program with a strong STEM focus.

MATA: Monroe Advanced Technology Academy- advanced technical training to LCPS students, including industry-standard certifications and licensure, as well as college credit through articulation agreements.

DE: Dual Enrollment - students may select from classes at Riverside High School, Northern Virginia Community College, or other area colleges to earn both college and high school credits.

V: Virtual High School- courses that are taken online.

AP: Advanced Placement - contains at least first-year college level work.

H: Honors - most rigorous, exceeds grade level norms.

A: Academic - demanding, often exceeds grade level norms.

LCPS GRADING SCALE:

A+ 98-100=4.3	B 83-86=3.0	C 70-72=1.7	F 0-59=0.0
A 93-97=4.0	B- 80-82=2.7	D+ 67-69=1.3	WP=Withdraw Pass
A- 90-92=3.7	C+ 77-79=2.3	D 63-66=1.0	WF=Withdraw Fail
B+ 87-89=3.3	C 73-76=2.0	D- 60-62=0.7	P=Pass

LOUDOUN COUNTY PUBLIC SCHOOLS NOTICE OF CONFIDENTIALITY OF RELEASED STUDENT RECORDS: The attached scholastic records are released to you under allowable provisions of Public Law 93-380 Section 438 on the condition that you will not permit any other party to have access to these records or will not release the information contained therein in personally identifiable form to any other party without written consent of the student (if 18 years of age or older or attending an institution of post-secondary education) or the parents of the student (if under 18 years of age and not attending an institution of post-secondary education).



Loudoun County Public Schools

School Counseling Services
21000 Education Court
Ashburn, VA 20148
571-252-2048

School Counseling Supervisor

Heather L. Ross M.Ed.

School Counseling Specialist

Dr. Madiha Jamil

Loudoun County, located in the Commonwealth of Virginia, boasts a population of approximately 437,586 making it Virginia's third-most populous county. Loudoun County is part of the Washington–Arlington–Alexandria, DC–VA–MD–WV Metropolitan Statistical Area. Loudoun County is home to Dulles International Airport and numerous technology companies, as 70% of the world's internet traffic flows through the county's 520 square miles.

Geographically, it is bounded on the north by the Potomac River; the south by Prince William and Fauquier Counties, on the west by the Blue Ridge Mountains; and on the east, by Fairfax County. It is the home of seven colleges and universities.

Loudoun County Public Schools serves over 83,039 students within 96 schools and four educational centers, the Academies of Loudoun, The North Star, K-12 Distance Learning Program and a 6-12 Virtual Loudoun option. Currently, the division consists of 18 high, 17 middle and 61 elementary schools (including two charter schools) utilizing a K-5, 6-8, 9-12 grade-level configuration. In addition, it services Pre-Kindergarten and adult education programs. The student body is culturally diverse with a population that is 41.7% White, 26% Asian, 18.6% Hispanic, 7.1% African American, and 5.8% Multi-Racial, 0.1% Pacific Islander with 22.2% Economically Disadvantaged, 12.2% English Learners, and 10.9% students with disabilities. Students in Loudoun County Public Schools come from 142 countries and speak 160 different languages.

Curriculum

Loudoun County Public Schools offers a robust selection of courses including regular, honors, advanced placement, dual enrollment, special education and courses for English Learners. The Academies of Loudoun offers courses through the following programs: Academy of Science, Academy of Engineering and Technology and Monroe Advanced Technical Academy. Please see the [2022-2023 Program of Studies](#) for more information.

Grading Scale

A+	98-100	4.3	C	73-76	2.0
A	93-97	4.0	C-	70-72	1.7
A-	90-92	3.7	D+	67-69	1.3
B+	87-89	3.3	D	63-66	1.0
B	83-86	3.0	D-	60-62	0.7
B-	80-82	2.7	F	0-59	0.0
C+	77-79	2.3			

X = Exempt, G = Ungraded, P = Passed, N = Not Passed, I = Incomplete, WP = Withdrawn Passing, WF = Withdrawn Failing

GPA Calculation and Class Rank

Grade point average and class rank include all classes for which high school credit bearing courses was earned or could have been earned. Advanced Placement classes are given a weight at 1.0. High school Honors classes are weighted at 0.5. Dual Enrollment classes are weighted at 1.0.

Post High School Graduation Class of 2022

4-year college	65%
2-year college	17%
Other education	2%
Military	1%
Employment/Gap Year	12%

SAT/ACT MEAN SCORES, Class of 2022

	<u>ERW</u>	<u>Math</u>	<u>ACT Composite Score</u>
National	529	521	20.3
Virginia	572	552	25.5
LCPS	595	583	26.1

*ACT Scores reflect the class of 2021. Scores for the class of 2022 will be available late October.

Graduation Requirements for students who entered 9th grade through 2017-2018

Advanced Studies Diploma	Required Units
English	4
Math	4
Social Sciences	4
Laboratory Science	4
World Language	3
Health and Physical Education	2
Fine Art or CTE	1
Economics & Personal Finance	1
<u>Electives</u>	<u>3</u>
Total Credits (9 verified units of credit)	26

*Students entering 9th grade in the 2018-2019 school year and beyond will need to earn 5 verified units of credit)

Standard Diploma	Required Units
English	4
Math	3
Social Science	3
Laboratory Science	3
Health and Physical Education	2
World Language, Fine Art or CTE	2
Economics & Personal Finance	1
<u>Electives</u>	<u>4</u>

Total Credits (6 verified units of credit) 22

*Students entering 9th grade in the 2018-2019 school year and beyond will need to earn 5 verified units of credit.

Diplomas Awarded, Class of 2022

Advanced Studies	76%
Standard and Other Diplomas	20%
GED, Certificates and Other Non-Grads	0.4%

Class of 2022 Scholarship Information

Total amount offered: \$71,753,219

Total amount accepted: \$78,486,755

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September 30, 2022



The Academies of Loudoun opened for the 2018-19 academic year, serving students in the Loudoun County Public School Division. Located in Leesburg, Virginia, 33 miles northwest of Washington, D.C., The Academies of Loudoun merged three LCPS STEM programs into one school: The Academy of Engineering and Technology, the Academy of Science, and Monroe Advanced Technical Academy (MATA). LCPS high schools are accredited by the Southern Association of Colleges and Secondary Schools and the Virginia Board of Education. The Academies of Loudoun is a member of the National Association of College Admission Counselors (NACAC) and complies with the NACAC Guide to Ethical Practice in College Admission. The Academies of Loudoun is also a member of the National Consortium of Secondary STEM Schools (NCSSS).

STUDENT POPULATION 2021-2022

9th Grade	273
10th Grade	305
11th Grade	770
12th Grade	756
Total	2104

POST-HIGH SCHOOL EDUCATION PLANS CLASS OF 2020

	AOS	MATA	AET
4-year College	97%	60%	97%
2-year College		19%	1%
Other Education		5%	1.5%
Military Work		2.4%	5%

SAT MEAN SCORES 2020

	Total	ERW	Math
National	1060	533	528
State	1151	584	567
AET	1436	698	738
AOS	1496	734	762
MATA	1178	598	579

ACT MEAN SCORES 2020

	Composite Score		
National			
State			
AET			
AOS			
MATA			

ENROLLMENT BY ETHNICITY/RACE 2021

Asian	48%	Multiracial	3%
Black/African-American	4%	White	34%
Hispanic	9%	Other	<1%

ECONOMICALLY DISADVANTAGED

Yes	3%	No	97%
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ADMISSIONS

Students are offered admissions through a highly competitive process. Students and their parents/guardians must be residents of Loudoun County at the time of their application. Students are selected on the basis of a review of their application, test scores, transcripts, teacher recommendations, and admissions assessments. Student motivation and a passion for STEM are some of most valuable characteristics of successful applicants. Highly motivated students who are consistent, dedicated learners have the greatest chance of success.

AP COURSES OFFERED 2021-2022

Mathematics	Calculus AB, Calculus BC, Computer Science, Statistics
Science	Biology, Chemistry, Physics, Environmental Science

DUAL ENROLLMENT COURSES OFFERED 2021-2022

AET	Entrepreneurship II
AOS	Multivariable Calculus
MATA	Intro to Health & Medical Science
	Medical Lab Technology I, II
	Radiology Technology I
	Pharmacy Technology I
	Environmental Plant Science I, II
	CISCO I, II, III, IV
	Computer Integrated Engineering and Design I
	Cybersecurity I, II
	Welding I, II, III

HONORS COURSES OFFERED 2020-2021

All AET and AOS courses are Honors level unless designated AP or DE.
 MATA Honors Courses: Administration of Justice I, II, Computer & Digital Animation I, Emergency Medical Technician, Computer Integrated Engineering and Design II, Pharmacy II, Radiology II

SPECIAL CURRICULUM FEATURES

- History & Mission** - The mission of the Academies of Loudoun is to empower students to explore, research, collaborate, innovate, and to make meaningful contributions to the world in the fields of science, technology, engineering and mathematics.
- The **Academy of Engineering & Technology (AET)** program (established in 2016) strives to provide academic STEM (Science, Technology, Engineering and Mathematics) pathways for students to engage in the study of engineering, information technology, and entrepreneurship. Students in the AET program will develop their creative and enterprising capacities, engage in engineering and research projects.
 - The **Academy of Science (AOS)** program (established in 2005) strives to provide students the opportunity to deeply engage in mathematics, science, and research, to promote creativity and innovation through problem solving and collaboration.
 - The **Monroe Advanced Technical Academy (MATA)** program, a Virginia Governor's STEM Academy, (originally established in 1978) strives to provide significant and relevant learning in Career & Technical Education (CTE) which allows students to explore and innovate while preparing for 21st century college and careers. Many of these courses are dual enrolled with Northern Virginia Community College, and all courses involve industry certification or credential exams.

Advanced Placement (AP) – Contains at least first year college level work. Students may receive college credit from post-secondary institutions through completion of AP exams. AP courses receive a weight of 1.0.
Dual Enrollment (DE) – Students may select from classes at Northern Virginia Community College or other colleges to earn both college and high school credits. Dual Enrollment courses receive a weight of 1.0.

TOP COLLEGES ATTENDED BY 2021 GRADUATES

AOS	MATA	AET
University of Virginia	Northern Virginia CC	University of Virginia
Georgia Tech	George Mason	Virginia Tech
Virginia Commonwealth	Virginia Tech	George Mason University
Duke University	Virginia Commonwealth	Georgia Tech
Purdue University	James Madison Univ	Virginia Commonwealth
University of Pittsburgh	Penn State University	University of Maryland
UC Berkeley	William & Mary	Purdue
Virginia Tech	Christopher Newport	Cornell
University of Maryland	George Washington Univ	Penn State
University of Pennsylvania	University of Virginia	University of Pittsburgh

AWARDS AND DISTINCTIONS

National Merit Semi-Finalists 2020	30	
National Merit Commended		
Merit Based Scholarship	Academies of Loudoun	\$11,330,653
Industry Certifications/Credentials 2021	2,016	Certifications/103 disciplines

COUNSELORS

- Mr. Anthony Bauer, Director of School Counseling
- Ms. Amy Burgess, Counselor
- Ms. Anna Rizzo, Counselor
- Mr. Andrew Tafaro, Counselor
- Ms. Michelle Trudel, Counselor

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