



# VESTAL HIGH SCHOOL

An International Baccalaureate World School

## Profile for College and University Admissions 2023-2024

### Vestal Central School District

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### Vestal High School

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### Mission Statement

The Vestal Central School District believes each student is unique and can learn. The District's mission is to provide instruction, programs, strategies and challenges in a caring, positive learning environment. Each student will become a critical thinker, a lifelong learner and a responsible, contributing citizen in a changing global society. The Board of Education, staff, parents, students and community share a commitment to this mission.

### IB Learner Profile

The aim of all IB programs is to develop internationally minded people who, recognizing their common humanity and shared guardianship of the planet, help to create a better and more peaceful world. IB learners strive to be inquirers, knowledgeable, thinkers, communicators, principled, open-minded, caring, risk-takers, balanced and reflective.

### 2023 Achievements

- Vestal offers second-language study in Spanish, French, and German.
- Vestal's Music Department was selected for the 7th consecutive year as one of the NAMM Foundation's Best Communities for Music Education in 2023.
- The district works in partnership with Binghamton University, Rochester Institute of Technology, SUNY College of Environmental Science and Forestry, and SUNY Broome to advance student achievement.
- Vestal offers 23 International Baccalaureate courses, 7 Advanced Placement courses, and 5 courses in the Project Lead the Way pre-engineering program.
- 4 Vestal graduates earned full International Baccalaureate diplomas.
- Vestal had 2 National Merit Finalist and 8 Commended Scholars in the Class of 2023.
- 46 graduates received the Vestal Scholar Certificate which requires students to complete at least six IB or AP level courses over their four years in high school.
- The district sponsors a total of 54 sports teams. Field Hockey was named 2022 NYS Public High School Athletic Association State Champions. Vestal also had a 2023 NYSPHSAA State Champion in the 400 Intermediate Hurdles on the Men's Track and Field Team.
- Over 461 student athletes earned Scholar Athlete Awards with an average GPA of 90% for the 2022-2023 school year.
- 1 Vestal High school student writers won a Silver Key Award in the Regional Scholastic Writing Award with another 2 students winning Honorable Mention.
- Vestal High Schools had 3 of their Odyssey of the Mind teams advance to the World Finals.
- 5 Vestal schools identified as New York State Recognition Schools.
- Vestal Central School District is proud to share that 23 of its faculty have been designated as New York State Master Teachers.
- Vestal's Music Department had 2 students selected to All-State ensembles and over 40 students were selected for participation in NYSSMA Ensembles.
- 2 seniors have been accepted into the Future Business Leaders of America's National Honor Society. Eight students placed on the national level where 1 Vestal student was the overall champion receiving 1st place in Computer Game and Simulation.
- 22 Seniors in the Class of 2023 received the NYS Seal of Biliteracy which recognizes graduates who have attained a high level of proficiency in English and one or more world languages.
- Three Vestal High School student won awards in the 19th District Congressional Art competition. Student's work will be on display in the U.S. Capitol for up to one year.
- 149 seniors earned the Seal of Civic Readiness which is in its 2nd year of inception at Vestal High School.



## The Community

The Town of Vestal, located near the major highways of Interstates 88 and 81 and Route 17, is nestled in the rolling hills of Broome County in the Southern Tier of New York. It covers about 53 square miles and is an area just west of Binghamton with a population of about 27,000.

Vestal and its neighboring communities offer a wide range of cultural, athletic and educational activities including the Roberson Museum, the Discovery Center, the Kopernik Observatory, the Cider Mill Playhouse, youth and adult symphonies, theater groups, and the Tri-Cities Opera. Binghamton University is located in Vestal and SUNY Broome is nearby, both offering many cultural and educational experiences. Cornell University, Elmira College, Ithaca College, Syracuse University, and the State Universities at Cortland and Oneonta are all within a 60-mile radius of Vestal.

## The District

Vestal Central School District is made up of five elementary schools, a middle school, and a high school. The District enrollment of 3399 students is served by a faculty of 300 and a support staff of 160. The District sustains a strong program of professional development focusing on the core competencies of the Common Core Standards and current advancements in curriculum and instruction. Teams of teacher leaders in the areas of technology, literacy, and math promote responsive learning environments that challenge and engage students. Innovations in technology integration are supported by teacher leaders in each building who model the use of technology as a tool for learning, expression, and community engagement.

The Vestal Central School District fully commits all resources to fulfilling its mission for each student to become ... “a critical thinker, a lifelong learner and a responsible, contributing citizen in a changing global society.” To this end, the District recognizes the importance of civic engagement to a full academic program. Character education in the areas of student leadership, community service, and diversity are developed throughout our K-12 program. The District invests in an extensive arts program. Musical productions and performances begin in the elementary schools and lead to formal productions at the middle school and high school level. Art education advances our students’ awareness of diversity,

global culture, and self-expression. Co-curricular offerings and athletics are other opportunities for students to engage with their peers and contribute to our dynamic culture of engaged learning.

## The School

Vestal High School annually receives international, national, and state recognition for excellence in education. Ninth through twelfth graders attend this four-year comprehensive school, choosing from over 100 course offerings. The high school also offers numerous opportunities for students in athletics, band, vocal music, orchestra, and the visual arts. Additionally, there are numerous student leadership opportunities and extracurricular activities accommodating a wide range of student interests. The school community maintains a strong commitment to service and volunteerism.

Vestal High School also offers the International Baccalaureate Diploma Programme. The IB Diploma is a two-year program that challenges students with college-level coursework in a wide variety of subject areas. The courses emphasize critical thinking, analyzing different perspectives, enhancing students’ awareness of international issues, and improving writing skills. Students are encouraged to take advantage of the wide variety of IB courses depending on their interests and future goals, whether they are pursuing the full IB Diploma or not. Should they choose to work towards the full Diploma, students need to complete six IB courses in their junior and senior years, a two-semester course called Theory of Knowledge, a program of extracurricular activities and community service, and an independent research project.

## The Curriculum

Vestal High School offers a wide array of curricular options beyond New York State Regents and Advanced Regents coursework. Vestal is one of 1,915 schools in the US and over 5,700 schools in 159 countries world-wide who are authorized to offer the International Baccalaureate Diploma Programme, a rigorous program of study across all areas of the curriculum. Additionally, Vestal students may participate in Project Lead the Way, a pre-engineering course of study administered by the Rochester Institute of Technology, and New Visions, a program through our local BOCES that provides Vestal seniors with real-world experience in Business, Engineering, Education and Human Development, Law and Government, and Health/Medicine.

## Graduation Requirements

To become a graduate of a New York State public high school, a minimum of 22 units of credit is required, including four units of English, four units of Social Studies, three units of Science, three units of Mathematics, 1/2 unit of Health, one unit of Art or Music, one unit of a World Language and two units of Physical Education along with the New York State Regents Exams or their equivalent.

The Regents Diploma with Advanced Designation requires all of the above, plus two additional years of a world language with two additional Regents exams in math and one additional Regents exam (or equivalent) each in world languages and science.

## Regents Diploma Required Courses

English	4
Social Studies	4
Mathematics	3
Science	3
World Languages	1
Art/Music	1
Health.5	
Physical Education	2
Electives	3.5
<b>Total</b>	<b>22</b>

## Student Leadership and Extracurricular Activities

Extracurricular activities include Art Club, Bear Facts Student Newspaper, Building Planning Team, French Exchange, Club Council, Diversity Club, Environmental Club, French Club, Future Business Leaders of America, Gender and Sexuality Alliance, German American Partnership Program, German Club, High School Musical, Jazz Band, Jazz Choir, Marching Band, Mathletes, Student Mentoring Program, Mock Trial, National Honor Society, Odyssey of the Mind, Principal’s Student Advisory Committee, Robotics, Rotary Interact Club, SADD, Science Olympiad, Ski Club, Spanish Club, Student Government, Student Store, Tech Club, Varsity Club, Visions Bank, Winterguard, Yearbook, Youth Police Academy.



## International Baccalaureate, Advanced Placement, Honors

<u>IB</u>	<u>AP</u>
IB English, HL	AP U.S. History
IB Spanish, SL & HL	AP World History: Modern
IB French, SL & HL	AP Chemistry
IB German, SL & HL	AP Biology
IB Hist. of Americas, HL	AP Physics
IB Economics, SL	AP Calculus
IB Psychology, SL	AP Computer Science
IB Biology SL	
IB Chemistry, SL & HL	
IB Computer Science, SL	<u>HONORS</u>
IB Physics, SL & HL	VHS Pre-IB English 9, 10
IB Environmental Sys., SL	VHS Pre-AP World History: Ancient
IB Math, A & A, SL & HL	Common Core Algebra
IB Math, A & I, SL	Common Core Geometry
IB Visual Arts, SL & HL	Common Core Algebra 2
IB Music, SL & HL	
IB Theory of Knowledge	

## COLLEGE CREDIT THROUGH REGIONAL PARTNERSHIPS

Students may have the option to earn college credit through regional colleges in the following subjects:

SUNY Environmental Science and Forestry: IB Environmental Systems & Societies

SUNY Broome: IB Chemistry, IB French, IB Spanish, Anatomy and Physiology, Graphic Design, Advanced Computer Science, Photography, IB Physics, Math Analysis & Approaches, New Visions English

SUNY Oswego: IB German

Rochester Institute of Technology: Project Lead the Way Coursework

Syracuse University: New Visions Public Policy

50% of junior and seniors took at least one AP or IB Course in 2022-2023

50% of juniors and seniors were enrolled and granted college credits through SUNY Broome's Fast Forward program

Over 95% passing rate on the ELA, Algebra 1, Geometry, Algebra 2, US History and Living Environment exams in June 2023

Over 75% of students taking Project Lead the Way earned college credits in 2022-2023

## Final Cumulative Average

Vestal High School students are graded on a percentage scale of 0-100. The passing grade is 65. Grades received through the junior year and the summer preceding the senior year are used as a basis for computing the high school average. The weighting system described in this section is applied when determining a student's final cumulative average and class rank. The final cumulative average and class rank are determined by adding all of the weighted grades and dividing by the total number of credits. The weighted grade is computed by multiplying the earned grade by the index.

## Index for Weighting:

EARNED GRADE	School Level	Regents Academic Level	Honors	AP/IB/College
	<u>1.0</u>	<u>1.02</u>	<u>1.04</u>	<u>1.06</u>
100	100	102	104	106
99	99	100.98	102.96	104.94
98	98	99.96	101.92	103.88
97	97	98.94	100.88	102.82
96	96	97.92	99.84	101.76
95	95	96.90	98.80	100.70

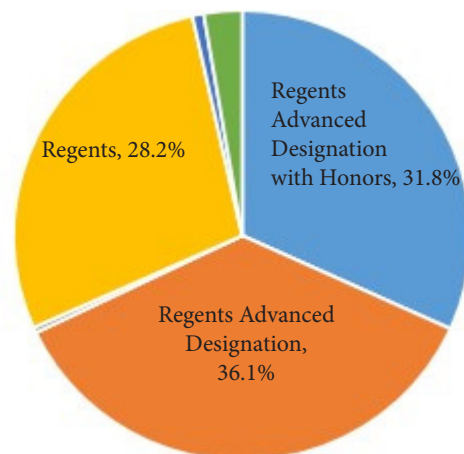
## GPA Distribution Class of 2023 (255 Students)

GPA	% of Class	# of Students
100-106	8%	20
95<100	27%	68
90<95	17%	43
85<90	19%	48
80<85	16%	42
75<80	6%	15
<75	5%	13
Not ranked	2%	6

## VESTAL CLASS OF 2023 DIPLOMA TYPES

Local, .8% SACC/CDOS, 2.7%

Regents with Honors .4%



## Mean SAT Reasoning Scores Class of 2023

	Evidence Based		Total
	Reading & Writing	Math	
Vestal	603	607	1210
NYS	522	516	1039
National	520	508	1028

Over 81% of Vestall High School Advanced Placement test takers scored a 3 or higher in 2023

Over 50% of students taking the following Advanced Placement exams received a score of 4 or 5: Biology, Calculus AB, Chemistry, Chinese Language Culture, Comparative Government and Politics, Computer Science A, English Language Composition, Physics 2, Statistics, World History: Modern



## College Enrollments - Class of 2023

COLLEGE	#ACCEPTED	#ATTENDING	COLLEGE	#ACCEPTED	#ATTENDING	COLLEGE	#ACCEPTED	#ATTENDING
College	Accepted	Attending						
Adelphi University	1		Lackawanna College	1		Tufts University	1	1
Alfred University	8	5	Lehigh University	1	1	University of Alabama - Birmingham	2	
Albany College of Pharmacy	2		LeMoyn College	27	4	University of Alaska	1	
American University	1	1	LIM College	1	1	University of Cincinnati	2	
Appalachian State University	1		Loyola University of Maryland	1		University of Colorado - Boulder	3	
Arcadia University	2		Lycoming College	1		University of Connecticut	2	1
Auburn University	2		Madonna University	1		University of Delaware	3	1
Augusta University	1		Manhattan College	1		University of Florida	1	
Baylor University	1		Marist College	1		University of Hawaii	1	
Beloit College	1		Marymount Manhattan	1		University of Kansas	1	
Bloomsburg University	1	1	Marywood University	4		University of Kentucky	1	
Boston College	2		Massachusetts College of Art & Design	1		University of Maine	1	
Boston University	3	1	Messiah University	1		University of Massachusetts - Amherst	4	
Bradley University	1		Misericordia University	2	1	University of Michigan	1	
Brandeis University	2		Mississippi State University	1		University of Missouri - Kansas City	1	
Broome Tioga BOCES	1	1	Mount Saint Mary College	1		University of New Hampshire	2	
Brown University	1		Nazareth College	12	1	University of New Haven	1	
Bryant University	1		New Jersey Institute of Technology	2		University of North Carolina - Charlotte	1	
Bucknell University	1	1	Niagara University	2		University of North Carolina - Greensboro	1	
Caldwell College	1		North Carolina State	1		University of North Carolina - Wilmington	1	1
California College of Art & Design	1		Northeastern University	3		University of Oklahoma	1	1
Canisius College	2		Nova Southeastern University	1	1	University of Pennsylvania	1	1
Case Western University	1		Oklahoma State University	1		University of Pittsburgh	2	1
Catawba College	1		Pace University	2		University of Rhode Island	1	
Charlotte University	1		Peabody Institute at Johns Hopkins University	1		University of Rochester	5	
Chicago State University	1		Penn College of Technology	5	3	University of San Francisco	1	
Chowan University	1		Penn State Harrisburg	1		University of Scranton	19	7
Christine Valmy International School for Esthetics	1	1	Penn State Scranton	1		University of Southern California	1	
Clark University	2		Penn State University Park	7		University of South Florida	1	1
Clarkson University	8	2	Pratt Institute	1		University of Tampa	1	
Coastal Carolina University	1		Rochester Institute of Technology	23	5	University of Tennessee	2	
Colgate University	1		Rensselaer Polytechnic Institute	7	2	University of Toronto	1	
College of Charleston	1		Rhode Island College	1	1	University of Vermont	3	1
College of Saint Rose	4	1	Rhode Island School of Design	1	1	Utica College	1	1
Colorado State University	1		Salem University	1		Vassar College	1	1
Cornell University	2		Savannah College of Art & Design	1	1	Vaughn College	1	
Culinary Institute of America	1	1	Seton Hall University	1		Villanova University	1	1
CUNY - City University of New York	1	1	Seton Hill University	1		Virginia Commonwealth	1	
Daemen College	1		Siena College	4		Virginia Tech	3	1
Dayton University	1		Springfield College	2		Wells College	1	
Dean College	1		St. Bonaventure University	10	5	Wentworth Institute of Technology	1	
Dominican University	1		St. John Fisher University	20	1	West Virginia University	2	1
Drexel University	4	1	St. John's University	5		Wheaton College (Massachusetts)	1	1
Duke Kunshan University, China	1		St Joseph's University	1		Wilkes University	1	
Dusquesne University	1		St Louis University	1		Wooster College	2	
East Carolina University	3		SUNY - University at Albany	26	3	Worcester Polytechnic Institute	1	
East Stroudsburg University	1		SUNY - University at Buffalo	37	3	Yale University	1	1
Elizabeth College	1		SUNY- Adirondack	1				
Elmira College	13	4	SUNY - Alfred State College	12	1			
Elon University	1		SUNY - Binghamton University	69	31			
Emory University	1		SUNY Brockport	22	1			
Fairfield University	1		SUNY Broome	72	58			
Farleigh Dickinson College	2	1	SUNY - Buffalo State University	8	1			
Finger Lakes Community College	1	1	SUNY Canton	1				
Florida Atlantic University	1		SUNY Cobleskill	3	1			
Florida Southwestern State College	1	1	SUNY Cortland	20	2			
Furman University	2	1	SUNY Delhi	4	1			
Georgian Court University	1		SUNY Environmental Science & Forestry	6	3			
Greensboro College	1		SUNY Fredonia	8	4			
Hartwick College	2		SUNY Geneseo	22	4			
Harvard University	1	1	SUNY Jefferson Community College	1				
Hobart & William Smith College	4		SUNY Maritime College	1				
Howard University	1		SUNY Morrisville	3				
Indiana University	1		SUNY New Paltz	7				
Indiana University Purdue University - Indianapolis	1		SUNY Old Westbury	1				
Ithaca College	13	3	SUNY Oneonta	19	3			
Jacksonville University	1		SUNY Onondaga Community College	3	2			
James Madison University	4	2	SUNY Oswego	26	6			
Johnson & Wales College	1		SUNY Plattsburgh	3	1			
Kenyon College	1		SUNY Polytechnic Institute	3				
Keuka College	9	1	SUNY Potsdam	5				
Keystone College	2		SUNY Stony Brook	20				
King's College	3		Susquehanna University	3				
			Syracuse University	12	4			
			Temple University	3				
			The Ohio State University	1				

During the 2021-2022 school year, students attended school in person five days a week and grading practices reverted back to our pre-pandemic state. We have continued with this model since that time.

