



### Vestal Central School District

Jeffrey J. Ahearn  
Superintendent of Schools  
(607) 757-2241  
www.vestal.k12.ny.us

Dr. Laura M. Lamash  
Assistant Superintendent  
for Instruction  
(607) 757-2221

### Vestal High School

205 Woodlawn Drive  
Vestal, New York 13850

Clifford R. Kasson  
Principal  
(607) 757-2281

### Counseling & Guidance Office

Katy Jablonowski  
Rebecca Martino  
Nina Muto  
Christi Smith  
Judith St. John  
Merryl Wallach  
(607) 757-2214

### IB/Honors Coordinator

Sally Lowenstein

CEEB Code 335730

### Director of Physical Education and Athletics

Michael Rotondi  
(607) 757-2350



# VESTAL HIGH SCHOOL

An International Baccalaureate World School

## Profile for College and University Admissions 2018-2019

### 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, recognize 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.

### 2018 Achievements

- In the 2018 ranking of the Best High Schools in the nation by "U.S. News & World Report," Vestal High School received a Silver Medal designation as a school ranking among the top 10 percent of 20,500 public high schools in the country reviewed
- New York State has named Vestal High School a "High Performing Reward School" for the fourth time in the past six years
- Vestal offers second-language study in Spanish, French, German, and Mandarin Chinese
- Vestal maintains award-winning programs in Visual Arts, Music, and Writing, featuring two Silver Key Scholastic Art award winners and two Scholastic writing Silver Key winners in 2017, along with being named a Best Community in Music Education by NAMM for the second year in a row
- 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
- 88% of the class of 2018 are enrolled in college
- Vestal offers 23 International Baccalaureate courses, 7 Advanced Placement courses, and 5 courses in the Project Lead the Way pre-engineering program
- 12 Vestal graduates earned full International Baccalaureate diplomas and 33 Vestal seniors earned AP Scholar designation, including nine at the *Scholar with Distinction* level
- Vestal had three National Merit Finalists and five Commended Scholars in the Class of 2018
- 60 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
- 370 student athletes earned Scholar Athlete Awards with an average GPA of 94.00 for the 2017-2018 school year
- The District sponsors a total of 51 sports teams, including an All-American boys soccer player as well as an All-American Girls lacrosse player as well as State Champions in Boy's Soccer
- The average ACT Composite Score for the Class of 2017 was 24.9, compared to a nationwide average of 21.0 and a statewide average of 24.2
- 335 student athletes earned Scholar Athlete Awards with an average GPA of 94.133 for the 2017-2018 school year
- Mean SAT Reasoning Test Score - Class of 2017 - 1159 points
- Vestal High School also was proud to send a team to the Odyssey of the Mind World Finals this Spring. The seven team members of the Div. 3, Problem 3 tied for third place overall, and received first place in the category of Spontaneous Performance!



## 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, Davis College, Elmira College, Ithaca College, Syracuse University, 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 3250 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 869 schools in the US and 2683 schools 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, Health/Medicine and Energy Technology.

## 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, Environmental Club, French Club, Future Business Leaders of America, Gay-Straight Alliance, German American Partnership Program, German Club, High School Musical, Jazz Band, Jazz Choir, Lighthouse Leadership Team, Marching Band, Mathletes, Student Mentoring Program, Mock Trial, National Honor Society, Odyssey of the Mind, Peace Club, Principal's Student Advisory Committee, Rotary Interact Club, SADD, Science Club (Chemistry Magic Show), Science Olympiad, Ski Club, Spanish Club, Student Government, Student Store, Tech Club, Tigertronics, Varsity Club, Winterguard, Yearbook, YesLeads, Youth Police Academy.



## International Baccalaureate, Advanced Placement, Honors

### IB

IB English, HL  
 IB Spanish, SL & HL  
 IB French, SL & HL  
 IB German, SL & HL  
 IB Hist. of Americas, HL  
 IB Economics, SL  
 IB Psychology, SL  
 IB Biology SL  
 IB Chemistry, SL & HL  
 IB Computer Science, SL  
 IB Physics, SL & HL  
 IB Environmental Sys., SL  
 IB Mathematics, SL & HL  
 IB Math Studies, SL  
 IB Visual Arts, SL & HL  
 IB Music, SL & HL  
 IB Theory of Knowledge

### AP

AP U.S. History  
 AP European History  
 AP Chemistry  
 AP Biology  
 AP Physics  
 AP Calculus  
 AP Computer Science

### HONORS

Pre-IB English 9, 10  
 Common Core Algebra  
 Common Core Geometry  
 Common Core Algebra 2

## 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 French and IB Spanish, Graphic Design, Programming in C++, College Writing, Computer Science (JAVA), Photography 1 & 2, Physics, Algebra and Trig for Calculus, Calculus 1

**Rochester Institute of Technology:** Project Lead the Way Coursework

**62% of seniors and 60% of juniors took at least one AP or IB Course in 2017-2018**

**46% of juniors and seniors were enrolled and granted college credits through SUNY Broome's Fast Forward program**

**90% or higher passing rate on Algebra 1, Geometry, Algebra 2, ELA, Living Environment, Earth Science, US History and Global Studies Regents Exams**

## 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 2018 (276 Students)

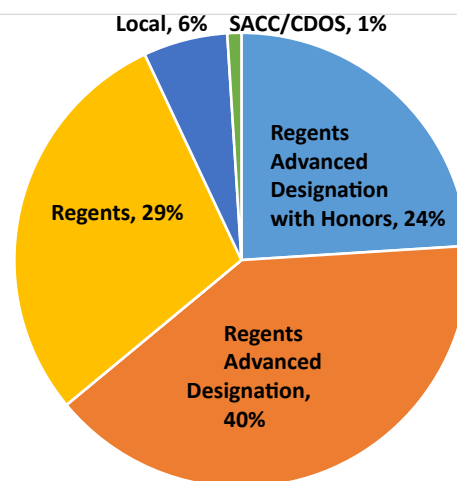
GPA	% of Class	# of Students
100-106	6%	18
95-<100	16%	43
90-<95	22%	61
85-<90	17%	44
80-<85	18%	49
75-<80	14%	39
<75	4%	11
Not ranked	3%	8

## Mean SAT Reasoning Scores Class of 2018

### Evidenced Based

	Reading & Writing	Math
Vestal	598	609
NYS	534	534
National	536	531

## VESTAL CLASS OF 2018 DIPLOMA TYPES



## ACT College Readiness Measures 2018

(Percent of Students who Meet or Exceed Benchmarks for Success at College-Level Coursework)

	English	Mathematics	Reading	Science	Meeting All Four
Vestal	93%	73%	80%	70%	52%
NYS	83%	67%	68%	62%	49%
National	60%	46%	40%	36%	27%



## College Enrollments - Class of 2018

College	#ACCEPTED	#ATTENDING	College	#ACCEPTED	#ATTENDING	College	#ACCEPTED	#ATTENDING
Albany College of Pharmacy	2	1	Long Island University	2		SUNY Oswego	9	
Alfred University	2		Mansfield University	2		SUNY Plattsburgh	1	1
American University	1	1	Maryland Institute-College of Art	1		SUNY Polytechnic	8	
Belmont College	1		Marywood University	6		SUNY Potsdam	4	1
Binghamton University	47	21	Massachusetts School of Art & Design	1		SUNY Purchase	5	1
Bloomsburg University	1		McGill University	2	1	SUNY Stony Brook	9	2
Boston College	1		Misericordia University	3	2	SUNY Upstate Medical	1	
Boston University	2	1	Mohawk Valley Community College	1		Susquehanna University	2	
Brunel-University of London	1	1	Monmouth University	1		Syracuse University	8	
Canisius College	1	1	Monroe Community College	1	1	Temple University	1	
Case Western Reserve	3		Mount Saint Mary	1		The Carroll Center for the Blind	1	1
Castleton College	1		Nazareth College	9	3	The Citadel	1	1
Cayuga Community College	1		New York University	1		The College of Saint Rose	9	
Cazenovia College	2		Northern Michigan University	1		The New School	1	
Central Michigan University	1		Nyack College	1		Tompkins Cortland Community Coll.	1	1
Champlain College	1		NYIT	1		Towson University	1	1
Clarkson University	13	1	Oberlin College	1		UNC-Chapel Hill	1	1
Coastal Carolina	1	1	Onondaga Community College	4	3	UNC-Wilmington	1	
Colgate University	4		Pace University	1		Union College	3	
Colombus College of Art & Design	1		Penn College of Technology	1		Univ. of California Los Angeles	1	1
Cornell University	5	5	Penn State - Behrend	1		Univ. of California Santa Barbara	1	
Corning Community College	1		Penn State - Scranton	2		University at Buffalo	28	5
CUNY City College of NY	1	1	Penn State - University Park	9	2	University of Arizona	1	
CUNY Lehman College	1		Pratt Institute	1		University of Bridgeport	1	1
CUNY Queens College	1	1	Queens University of Charlotte	1		University of British Columbia	1	1
CUNY- Staten Island	1		RIT	15	8	University of Central Florida	1	
Curry College	1		Roberts Wesleyan University	4	1	University of Dayton	1	1
Daemon University	2		RPI	6	2	University of Debrecen (Hungary)	1	1
Drexel University	3		Saginaw County State	1	1	University of Delaware	1	
East Stroudsburg University	1	1	Salisbury University	1		University of Florida	1	
Elmira College	3		Savannah College of Art & Design	1		University of Hartford	1	
Fashion Institute of Technology	2	1	School Craft College	1		University of Maryland	2	
Fordham University	1	1	Seton Hall	3		University of Michigan	1	
Franklin and Marshall College	1		Shippensburg University	1		University of Nevada, Las Vegas	1	
Frostburg State University	1		Siena College	2		University of New Haven	4	1
Gannon University	1		Simmons College	1		University of Ottawa	1	
Hamilton College	3	1	South College of Florida	1	1	University of Pittsburgh-Bradford	1	
Hartwick College	6	2	St John's University	4		University of Rochester	5	
Herkimer County Community College	2	1	St. Bonaventure University	3		University of Scranton	5	2
Hobart and William Smith Colleges	3	1	St. Francis College	1		University of Tampa	2	1
Hofstra University	2		St. John Fisher	4		University of Tennessee-Knoxville	1	
Houghton College	2		St. Lawrence University	2		University of Toronto	1	
Hudson Valley Community College	1		St. Mary's of Maryland	1	1	Utica College	2	1
Humber (Canada)	1		SUNY Albany	11	1	Vassar College	1	1
Indiana University Bloomington	1		SUNY Alfred State	5	1	Villa Maria College	1	1
Iona College	1	1	SUNY Brockport	21	5	Virginia Tech	3	3
Ithaca College	16	6	SUNY Broome	117	92	Wells College	1	
Johns Hopkins University	1	1	SUNY Buffalo	2	1	West Virginia University	2	
Keiser College	1		SUNY Canton	2		Wilkes University	3	
Kenyon College	1		SUNY Cobleskill	1				
Keuka College	3		SUNY Cortland	8	3	Other/Undecided	10	
Keystone College	2		SUNY Delhi	4	2	Military	6	
King's College	4		SUNY ESF	1		Full-Time Employment	15	
Lake Michigan College	1		SUNY Fredonia	10	2			
Lake Superior State University	1		SUNY Geneseo	13	1			
Lehigh University	2		SUNY Morrisville	4	2			
LeMoyne College	21	2	SUNY New Paltz	6	1			
LIM University	3	1	SUNY Oneonta	15	4			
Limestone College	1	1						