



### Vestal Central School District

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# VESTAL HIGH SCHOOL

An International Baccalaureate World School

## Profile for College and University Admissions 2020-2021

### 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.

### 2020 Achievements

- Vestal offers second-language study in Spanish, French, and German
- Vestal's Music Department was selected as one of the 2020 Best Communities for Music Education. This is the fourth year in a row that the District's music program has received this designation by the NAMM Foundation.
- 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
- 11 Vestal graduates earned full International Baccalaureate diplomas and 34 Vestal seniors earned AP Scholar designation, including seven at the *Scholar with Distinction* level
- Vestal had 1 National Merit Finalist and 7 Commended Scholars in the Class of 2020
- 52 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 51 sports teams, including 5 All-American soccer teams, 2 in Cheerleading, 2 in Boys Lacrosse and 1 in Girls Soccer
- The average ACT Composite Score for the Class of 2019 was 25.7 compared to a nationwide average of 20.7 and a statewide average of 24.5
- 228 student athletes earned Scholar Athlete Awards with an average GPA of 93.99 for the 2019-2020 school year. Due to COVID-19, spring sports were cancelled.
- Mean SAT Reasoning Test Score - Class of 2019 - 1183 points
- 10 VHS Art students awarded 24 regional Scholastic Art Awards, including four Gold Keys and eight Silver Keys.
- 3 VHS and one VMS students were awarded regional Scholastic Writing Awards, including two Gold Keys and two Silver Keys.
- African Road Elementary designated as a 2019 National Blue Ribbon School by the United States Department of Education.
- 5 Vestal schools identified as New York State Recognition Schools
- Vestal Central School District is proud to share that 22 of its faculty have been designated as New York State Master Teachers.



## 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 3285 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 942 schools in the US and 5284 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, 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, 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, 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, Visions Bank, Winterguard, Yearbook, YesLeads, 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 European History
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	Pre-IB English 9, 10
IB Environmental Sys., SL	Common Core Algebra
IB Math, A & A, SL & HL	Common Core Geometry
IB Math, A & I, SL	Common Core Algebra 2
IB Visual Arts, SL & HL	
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 French and IB Spanish, Graphic Design, Programming in C++, Photography 1 & 2, and Physics  
 Rochester Institute of Technology: Project Lead the Way Coursework

63% of seniors and 59% of juniors took at least one AP or IB Course in 2019-2020  
 45% 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, US History and Global Studies Regents Exams in June 2019

## 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 2020 (247 Students)

GPA	% of Class	# of Students
100-106.....	5% .....	13
95<100.....	22% .....	55
90<95.....	25% .....	62
85<90.....	21% .....	52
80<85.....	11% .....	28
75<80.....	10% .....	24
<75.....	4% .....	10
Not ranked .....	1% .....	3

**COVID 19 Response – Vestal School District turned to emergency remote learning during the COVID-19 pandemic from March 2020–June 2020. Students completed classwork virtually through programs such as Edgenuity, Google Classroom, Zoom and online assignments for all their assigned courses. Students were “graded with grace,” meaning that their final average was computed by using the highest combination of scores of either Marking Periods 1-3 or Marking Periods 1-4. New York State cancelled all Regents Exams and Vestal High School cancelled all final exams. A student’s transcript will be marked with an EX for those exams in which a COVID-19 Regents Exemption was made.**

**With the beginning of the Fall 2020 semester, Vestal High School students have the option of hybrid or remote instruction. All classes are being offered through Google Classroom and Zoom meetings. Students will have several synchronous class meetings per week. Wednesdays are reserved for extra help sessions for all students. Students will be expected to participate and complete all work assigned and will be graded accordingly.**

## Mean SAT Reasoning Scores Class of 2019

<u>Evidence Based</u>		
<u>Reading &amp; Writing</u> .....	<u>Math</u>	<u>Total</u>
Vestal..... 584 .....	599	1183
NYS..... 531 .....	533	1064
National..... 531 .....	528	1059

## ACT College Readiness Measures 2019 (Percent of Students who Meet or Exceed Benchmarks for Success at College-Level Coursework)

	English	Mathematics	Reading	Science	Meeting All Four	
Vestal	84%	79%	77%	72%	53%	
NYS	81%	67%	69%	63%	50%	
National	59%	45%	39%	36%	26%	



## College Enrollments - Class of 2020

COLLEGE	#ACCEPTED	#ATTENDING	COLLEGE	#ACCEPTED	#ATTENDING	COLLEGE	#ACCEPTED	#ATTENDING
Adelphia University	1	0	Montclair State University	1	0	SUNY - Canton	2	1
Alamance Community College	1	1	Nazareth College	8	1	SUNY - Cortland	17	4
Albany College of Pharmacy	2	0	New England Conservatory	2	1	SUNY - Geneseo	8	2
Alfred State College	1	0	New Hampshire University	1	0	SUNY - Morrisville	1	0
Alfred University	5	3	New Mexico Institute of Mining & Technology	1	0	SUNY - New Paltz	3	0
Alleghany College	1	0	New York University (NYU)	1	0	SUNY - Oneonta	14	9
American University	2	1	Niagara University	1	0	SUNY - Oswego	9	3
Binghamton University	48	21	North Carolina State University	1	1	SUNY - Potsdam	2	0
Bloomsburg University	1	1	Northeastern University	2	1	SUNY - Stony Brook	7	3
Boston University	2	0	Northwest Railroad Institute	1	1	SUNY - University at Albany	15	1
Broome-Tioga BOCES	2	2	Ohio Technical College	1	0	SUNY - University at Buffalo	39	21
Bryn Mawr College	1	0	Oneonta Job Corps	1	1	SUNY Broome	72	59
Bucknell University	2	1	Other/Undecided		9	SUNY Delhi	4	1
Canisius College	2	2	Pace University	1	0	SUNY Polytechnic Institute	2	0
Cazenovia College	1	0	Peabody Institute of Music	1	0	Syracuse University	9	2
Clarks Summit University	1	1	Penn State University - Harrisburg	1	1	Temple University	1	0
Clarkson University	8	2	Penn State University - Scranton	1	0	The University of Vermont	5	3
Cleveland Institute of Music	1	0	Penn State University - University Park	11	2	University of Colorado - Boulder	1	1
Cleveland State University	1	0	Pratt Institute	1	1	University of Hartford	1	0
College of Saint Rose	2	0	Purdue University	1	0	University of Maryland	1	0
Cornell University	6	4	Rensselaer Polytechnic Institute (RPI)	7	1	University of Michigan - Ann Arbor	1	1
Corning Community College	1	1	Roberts Wesleyan College	1	0	University of Michigan - Dearborn	1	0
CUNY - City College	1	0	Rochester Institute of Technology	18	4	University of New Hampshire	1	1
CUNY - Queens	1	1	Rutgers University	2	0	University of Pittsburgh	1	0
Denison University	1	0	Saint Lawrence University	1	0	University of Rochester	2	1
Doshisha University, Japan	1	1	Saint Vincent's College	1	0	University of Scranton	3	0
Drexel University	1	0	Seton Hall University	1	1	University of Southern California	1	0
Eastern Michigan University	1	0	Siena College	2	0	University of Utah	1	0
Elmira College	1	0	Simmons University	1	0	University of Virginia	1	0
Elon University	1	1	Skidmore College	2	2	Utah State University	1	1
Embry Riddle Aeronautical University - Daytona	1	1	South Plains College	1	1	Vassar College	1	0
Fordham University	1	0	St Bonaventure University	4	2	Villanova University	2	0
Frostburg State University	1	1	St. John Fisher College	6	2	Virginia Commonwealth University	2	0
Full Time Employment		30	SUNY - Brockport	10	0	Virginia Tech	3	0
George Washington University	1	0	SUNY - Buffalo State College	1	0	Webb Institute	1	1
Georgia Institute of Technology	1	0				Wilkes University	1	0
Grove City College	1	0				Winthrop University	1	1
Harvard University	1	1				Word of Life Bible Institute	1	1
Herkimer County Community College	1	1				Yale University	1	1
Houghton College	1	0						
Howard University	1	0						
Ithaca College	10	4						
James Madison University	1	1						
Kent State University	2	0						
Keuka College	1	0						
Lehigh University	2	1						
LeMoyn College	4	1						
Liberty University	1	0						
Lincoln College of Technology	1	1						
Lock Haven University	1	1						
Louisiana State University	1	1						
Loyola University	1	0						
Macalester College	1	0						
Mansfield University	1	1						
Marist College	1	0						
Marywood University	1	0						
Military		6						

### VESTAL CLASS OF 2020 DIPLOMA TYPES

