



Vestal Central School District

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VESTAL HIGH SCHOOL

An International Baccalaureate World School

Profile for College and University Admissions 2021-2022

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.

2021 Achievements

- Vestal offers second-language study in Spanish, French, and German
- Vestal's Music Department was selected as one of the 2021 Best Communities for Music Education. This is the fifth 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
- 8 Vestal graduates earned full International Baccalaureate diplomas and 19 Vestal seniors earned AP Scholar designation, including 14 at the *Scholar with Distinction* level
- Vestal had 4 National Merit Finalist and 5 Commended Scholars in the Class of 2021
- 49 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
- Over 300 student athletes earned Scholar Athlete Awards with an average GPA of 90% for the 2020-2021 school year.
- A Vestal High School student writer won a Gold Key award in the Regional Scholastic Writing Award, with another receiving a Silver Key.
- Vestal High and Middle Schools each saw one 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 22 of its faculty have been designated as New York State Master Teachers.
- Vestal's Music Department had 1 student was selected to All-National ensembles, 1 student was selected to All-Eastern ensembles, and 3 students were selected to All-State ensembles
- Vestal's Future Business Leaders of America team had 10 out of 679 students who placed first through fifth in the New York State Competition. Six of these students qualified for the National competition.
- 15 Seniors in the Class of 2021 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



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 1,207 schools in the US and over 5,500 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 |
| Total | 22 |

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, 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, 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 Chemistry, IB French, IB Spanish
 Rochester Institute of Technology: Project Lead the Way Coursework

61% of seniors and 62% of juniors took at least one AP or IB Course in 2020-2021
 50% of juniors and seniors were enrolled and granted college credits through SUNY Broome's Fast Forward program
 Over 75% participation rate on the Algebra, Earth Science, ELA, and Living Environment Regents exams in June 2021

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 |

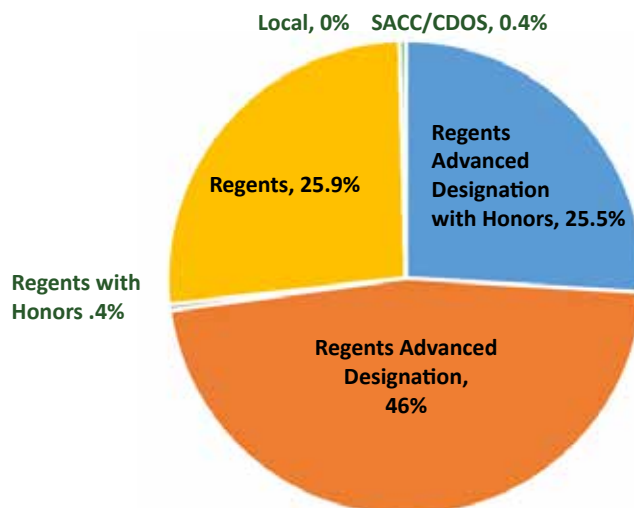
GPA Distribution Class of 2021 (272 Students)

| GPA | % of Class | # of Students |
|------------|------------|---------------|
| 100-106 | 11% | 24 |
| 95<100 | 20% | 55 |
| 90<95 | 21% | 56 |
| 85<90 | 20% | 54 |
| 80<85 | 13% | 35 |
| 75<80 | 10% | 28 |
| <75 | 5% | 15 |
| Not ranked | 2% | 5 |

Mean SAT Reasoning Scores Class of 2021

| | Evidence Based | | Total |
|----------|-------------------|------|-------|
| | Reading & Writing | Math | |
| Vestal | 580 | 600 | 1180 |
| NYS | 563 | 573 | 1136 |
| National | 565 | 568 | 1133 |

VESTAL CLASS OF 2021 DIPLOMA TYPES



ACT College Readiness Measures 2021

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

| | English | Mathematics | Reading | Science |
|----------|---------|-------------|---------|---------|
| Vestal | 100% | 82% | 91% | 73% |
| NYS | 88% | 76% | 77% | 73% |
| National | 56% | 36% | 44% | 35% |



College Enrollments - Class of 2021

| COLLEGE | #ACCEPTED | #ATTENDING | COLLEGE | #ACCEPTED | #ATTENDING | COLLEGE | #ACCEPTED | #ATTENDING |
|--------------------------------------|-----------|------------|---------------------------------------|-----------|------------|--|-----------|------------|
| Alfred University | 2 | 0 | Mount Aloysius College | 1 | 1 | SUNY Monroe Community College | 1 | 1 |
| Albany College of Pharmacy | 1 | 1 | Mount Saint Mary College | 2 | 0 | SUNY Morrisville | 4 | 2 |
| American University | 2 | 0 | Nazareth College | 5 | 3 | SUNY New Paltz | 5 | 3 |
| Amherst College | 1 | 0 | New England Conservatory of Music | 1 | 0 | SUNY Old Westbury | 1 | 0 |
| Arcadia University | 1 | 0 | New Haven University | 1 | 0 | SUNY Oneonta | 14 | 1 |
| Arizona State University | 2 | 0 | New York University | 2 | 1 | SUNY Onondaga Community College | 2 | 1 |
| Bentley University | 1 | 0 | Niagara University | 5 | 0 | SUNY Oswego | 12 | 2 |
| Binghamton University | 56 | 21 | Northeastern University | 5 | 2 | SUNY Plattsburgh | 3 | 1 |
| Bloomsburg University | 4 | 1 | Northwest Lineman College - Florida | 1 | 1 | SUNY Potsdam | 1 | 0 |
| Boston College | 1 | 0 | Occidental College | 1 | 0 | SUNY Purchase | 7 | 3 |
| Boston University | 3 | 1 | Pace University | 4 | 0 | SUNY Polytechnic Institute | 1 | 0 |
| Broome-Tioga BOCES | 2 | 2 | Paul Smith's College | 1 | 0 | SUNY Schenectady Community College | 1 | 0 |
| Bucknell University | 1 | 0 | Pennsylvania College of Technology | 1 | 0 | SUNY Stony Brook | 11 | 1 |
| Butler University | 2 | 0 | Penn State University - Scranton | 2 | 1 | SUNY - Sullivan County Community College | 1 | 0 |
| Carnegie Mellon University | 1 | 0 | Penn State - University Park | 11 | 0 | Susquehanna University | 1 | 0 |
| Case Western Reserve | 1 | 0 | Pfizer College | 1 | 0 | Swarthmore College | 1 | 1 |
| Cazenovia College | 1 | 0 | Pomona College | 1 | 1 | Syracuse University | 16 | 2 |
| Claremont McKenna College | 1 | 0 | Providence College | 1 | 0 | Temple University | 2 | 0 |
| Clarkson University | 5 | 0 | Roberts Wesleyan College | 2 | 0 | Tompkins Cortland Community College | 1 | 0 |
| Clarks Summit University | 1 | 0 | Rochester Institute of Technology | 23 | 6 | Tufts University | 1 | 0 |
| Clemson University | 2 | 0 | Rensselaer Polytechnic Institute | 3 | 0 | University of Alabama | 1 | 0 |
| Coastal Carolina University | 1 | 1 | Russell Sage College | 1 | 1 | University of Central Florida | 2 | 0 |
| Colgate University | 3 | 1 | Rutgers University | 3 | 0 | University of Connecticut | 1 | 0 |
| Connecticut College | 1 | 0 | Ryerson University | 1 | 0 | University of the Cumberland | 1 | 1 |
| Cornell University | 4 | 3 | Sacred Heart University | 2 | 0 | University of Delaware | 2 | 1 |
| Daemen College | 3 | 1 | Santa Clara University | 1 | 0 | University of Hawaii - Manoa | 1 | 0 |
| Dartmouth College | 1 | 1 | Seton Hill University | 5 | 3 | University of Maryland | 1 | 0 |
| Dickinson College | 1 | 0 | Siena College | 3 | 3 | University of Miami | 2 | 1 |
| Dominican College | 1 | 0 | St. Bonaventure University | 3 | 0 | University of Michigan - Dearborn | 1 | 0 |
| Duquesne University | 1 | 0 | St. John Fisher College | 16 | 4 | University of North Dakota | 1 | 0 |
| D'Youville University | 2 | 1 | St. John's University | 3 | 0 | University of Notre Dame | 1 | 1 |
| East Carolina University | 1 | 1 | St Joseph's University | 1 | 0 | University of Pittsburgh | 1 | 0 |
| Eastman School of Music | 1 | 1 | St Lawrence University | 1 | 0 | University of Rochester | 8 | 1 |
| Elmira College | 2 | 0 | Stonehill College | 1 | 0 | University of Scranton | 6 | 2 |
| Embry-Riddle Aeronautical University | 1 | 1 | CUNY - Queens College | 1 | 0 | University of South Carolina-Upstate | 1 | 0 |
| Emory University | 1 | 1 | CUNY - The City College of New York | 1 | 1 | University of Southern Maine | 1 | 1 |
| Fairleigh Dickinson College | 1 | 0 | SUNY - University at Albany | 24 | 5 | University of Tampa | 1 | 0 |
| Finger Lakes Community College | 1 | 0 | SUNY - University at Buffalo | 38 | 9 | University of Texas at Austin | 1 | 0 |
| Fordham University | 3 | 0 | SUNY - Alfred State College | 6 | 4 | University of Texas at Dallas | 2 | 1 |
| Franklin & Marshall College | 1 | 1 | SUNY - Brockport | 6 | 1 | University of Texas at San Antonio | 1 | 0 |
| Gannon University | 2 | 1 | SUNY - Broome Community College | 92 | 73 | University of Toronto | 1 | 1 |
| George Washington University | 2 | 0 | SUNY - Buffalo State College | 4 | 1 | University of Wilmington | 1 | 0 |
| Grinnell College | 1 | 1 | SUNY Canton | 1 | 0 | Utica College | 2 | 0 |
| Grove City College | 1 | 0 | SUNY Cortland | 20 | 6 | Vassar College | 1 | 1 |
| Hartwick College | 4 | 1 | SUNY Corning Community College | 1 | 1 | Villanova University | 1 | 0 |
| Hobart & William Smith Colleges | 2 | 0 | SUNY Delhi | 5 | 2 | Virginia Commonwealth University | 1 | 0 |
| Hofstra University | 3 | 0 | SUNY Environmental Science & Forestry | 6 | 1 | Wellesley College | 1 | 0 |
| Houghton College | 1 | 1 | SUNY Farmingdale | 1 | 0 | West Chester University | 2 | 0 |
| Indiana University at Bloomington | 1 | 0 | SUNY Fredonia | 3 | 1 | Wilkes University | 1 | 0 |
| Ithaca College | 10 | 6 | SUNY Geneseo | 13 | 1 | York College | 1 | 0 |
| Jacksonville University | 1 | 0 | | | | | | |
| Jefferson University | 1 | 0 | | | | | | |
| Kalamazoo College | 1 | 0 | | | | | | |
| Kent State University | 2 | 1 | | | | | | |
| Keuka College | 5 | 2 | | | | | | |
| King's College | 1 | 0 | | | | | | |
| LaGuardia Community College | 1 | 0 | | | | | | |
| Lehigh University | 1 | 1 | | | | | | |
| LeMoyn College | 17 | 1 | | | | | | |
| Liberty University | 1 | 0 | | | | | | |
| Long Island University | 1 | 0 | | | | | | |
| Los Angeles Film School | 1 | 0 | | | | | | |
| Loyola University - Maryland | 1 | 0 | | | | | | |
| Maine College of Art | 1 | 1 | | | | | | |
| Manhattan College | 2 | 1 | | | | | | |
| Mansfield University | 2 | 0 | | | | | | |
| Marist College | 1 | 1 | | | | | | |
| Marywood University | 5 | 2 | | | | | | |
| Mercyhurst College | 1 | 0 | | | | | | |
| Messiah University | 1 | 0 | | | | | | |
| Misericordia University | 2 | 1 | | | | | | |
| Mohawk Valley Community College | 1 | 0 | | | | | | |
| Molloy College | 1 | 0 | | | | | | |
| Monmouth University | 1 | 0 | | | | | | |
| Montclair State University | 2 | 0 | | | | | | |

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.

During the 2020-21 school year, Vestal High School students had the option of either fully remote synchronous instruction, or hybrid instruction consisting of 1-4 days of in-person attendance with the synchronous remote learning on the other days. All classes were offered through Google Classroom and Zoom meetings. Students had several synchronous class meetings per week. Wednesdays were reserved for extra help sessions for all students. Students were expected to fully participate and complete all work assigned and were graded accordingly.

During the 2021-22 school year, we expect that students will attend school in person five days week, and that grading practices will largely revert to their pre-pandemic state.