



Overview

POLYTECH High School is located in Woodside, Delaware. POLYTECH High School is a public school of choice for students in Kent County, Delaware. Eighth grade students in Kent County are eligible to apply for admission to POLYTECH. High expectations encourage rather than discourage applicants. The school’s 1,177 students are 71 percent white, 23 percent African American and 6 percent other minority students. The school offers 21 technical concentrations, college preparatory courses, performing arts preparation, and workplace training. POLYTECH High School’s motto is “The power of knowledge for work and college.” POLYTECH High School is often said to be the best of both worlds. The rigorous academic and technical programs of study have significantly increased student achievement.

Indicators of Progress

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| <ul style="list-style-type: none"> ➤ Attendance Rate
Students/Staff 96% ➤ Graduation Rate ➤ All Students 96% African American 100% Special Education 100% Low Income 91% ➤ Drop Out Rate <1% | <ul style="list-style-type: none"> ➤ Superior/Commendable High School ➤ Highly Qualified Teachers – 99% ➤ Delaware Superstars in Education – 5 Time Winner ➤ SREB <i>High Schools That Work</i> Gold Award ➤ State Test Scores Above State Average ➤ Achievement Gaps Closed/Narrowing |
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DSTP Test Scores Students Meeting/Exceeding Standards

	1998	2009	% Point Increase	
Reading	57%	87%	+30	Achievement Gap Closed
Writing	33%	93%	+60	Achievement Gap Closed
Math	29%	68%	+39	
	2000	2009		
Science	57%	70%	+13	
Social Studies	28%	54%	+26	

Great Start Ninth Grade

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| <ul style="list-style-type: none"> ➤ Home Visits ➤ Freshmen Orientation ➤ Summer Reading Program ➤ Extensive Summer Program ➤ Freshmen Friday & Family Picnic | <ul style="list-style-type: none"> ➤ Double Dose Math and Reading ➤ Career Exploration Program Technical Rotation Portfolios/Interviews Human Relations |
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Academic/Technical Programs of Study

- All students in College Prep Courses
- Graduation Requirement – 27 credits
- Technical Major – 11.5 credits
- Minors – Academic/Technical
- Implemented 4th Math Course
- Technical Exhibition
- Master of Technology Diploma
- Advanced Placement Courses
(No Pre-requisites Required)

Upgrade C/T Teachers Skills in Integration of Rigorous Academics

- Academy Structure
 - Academy Manager
 - Meetings 3 Days a Week
 - Foster Connections
 - Solve Real World Problems
 - Projects Incorporate all Academic Areas
- Extensive Professional Development
 - SREB's Ten Strategies for Creating Classrooms of High Expectations
 - Higher Order Thinking Skills
 - Reading Across the Curriculum
 - Math in the Shops

Career Pathway Transitions to the World of Work and College

- Partnerships with Business/Industry
- Career Advisory Committees
- Extensive School to Work Program
- Tech Prep Articulations with Nine Post Secondary Institutions
- Dual Enrollment Post Secondary Institutions
- National and State Certifications
 - Auto Technology - Automotive Service Excellence
 - Aviation – FFA Private Pilot's License
 - Eight Microsoft Computer Engineering Certifications
 - Cosmetology – State Board Certification
 - Nursing – Certified Nursing Assistant
 - Dental – Radiology Certification

Positive School Relationships

- Academy Organizational Structure
 - Five Small Learning Communities
 - Addresses Issues Holistically
 - Personalizes Instruction
 - Integration – Academic/Technical
 - Solve Real World Problems
 - Shared Leadership
- POLYTECH Advisement Support System
 - Staff Serves as Advisors
 - Six Year Career Plan
- Continuity of Contact
 - Open House
 - Home Visits
 - Freshmen Orientation
 - Freshmen Friday & Family Picnic
- Extra Help Programs
 - Summer Remediation
 - After School Tutoring
 - Resource Days
 - Academic Teachers Rotate into Technical Areas
 - Credit Recovery

Advantages Gained from HSTW Network

- Provided Catalyst for Change
- Framework for Restructuring
- Resource for Successful Initiatives
- HSTW Evaluations Provide Continuous Reflection
- Data Driven Decision Making Using HSTW Teacher & Student Survey and Senior Exam

POLYTECH SCHOOL DISTRICT

P.O. Box 22, Woodside, DE 19980 - 302-697-2170

Superintendent: Dr. Dianne G. Sole - dsole@polytech.k12.de.us

Principal: Dr. Bruce O. Curry - bcurry@polytech.k12.de.us

www.polytech.k12.de.us