
SCOTCH PLAINS - FANWOOD HIGH SCHOOL

Profile 2022-2023

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COMMUNITY Scotch Plains-Fanwood High School serves the suburban residential communities of Scotch Plains and Fanwood. These two high income communities, twenty-six miles west of Manhattan have a combined population of about 30,000.

SCHOOL Scotch Plains-Fanwood High School, with an enrollment of 1500 students, is a four-year comprehensive public high school operating under a single curriculum. Five elementary schools and two middle schools feed directly into the district's only high school. Each student's program, through individualized scheduling and ability grouping, is tailored to his/her particular aptitudes and interests.

ACCREDITATION Scotch Plains-Fanwood High School is accredited by the Middle States Association of Colleges and Secondary Schools and the New Jersey Department of Education.

FACULTY The professional staff includes 125 teachers, counselors, and librarians/media specialists. There are seven full-time counselors and one student assistance counselor, who counsel students in academic, career and personal matters. The counseling staff is supported by a district supervisor of counseling and the director of special services.

STUDENTS Scotch Plains-Fanwood students actively participate in school life on a broad academic and co-curricular level:

- More than 50 co-curricular activities are offered in addition to 21 varsity athletic teams. There are an additional 25 junior varsity or freshman level athletic teams.
- Students produce a yearbook, literary magazine, television programs, and a monthly student-run newspaper.
- The annual yearbook wins numerous awards for presentation and content.
- High quality vocal and instrumental programs have enabled students to participate in multiple and varied all-state choirs, national, state, and regional competitions.
- An active Student Government Association works with administration to plan and implement school activities and to discuss school climate.

ADVANCED EDUCATION **Class of 2022**

Four-Year Colleges.....	83.8%
Two-Year Colleges.....	5.7%
Specialized Schools.....	1.7%
Total Pursuing Further Education.....	91.2%

GRADUATION REQUIREMENTS

The Scotch Plains-Fanwood High School, Class of 2023, must accumulate a total of 120 credits and successfully complete the following requirements to qualify for a diploma:

- Four credit years of English
- Three credit years of math
- Three credit years of natural or physical science
- Three credit years of social studies
- Two credit years of world language (must be same language)
- One credit year of physical education & health for each year of enrollment
- One credit year of practical arts
- One credit year of visual and performing arts
- One half credit year of financial literacy integrated within the curriculum
- Technology integrated throughout curriculum
- Meet New Jersey State standardized testing requirements

LEVELS OF INSTRUCTION

The Scotch Plains-Fanwood High School offers the following levels of instruction for all students:

- Accel - Accelerated & Advanced Placement - Students with a superior background
- Acad - Academic - Students with an excellent background

NATIONAL MERIT SCHOLARSHIP PROGRAM

Class of 2022

National Merit Commended.....	9
National Merit Semi Finalists	0
National Achievement Outstanding Participant.....	0
National Achievement Finalists	2
National Hispanic Recognition Program.....	5
National African American Recognition Program.....	3
National Indigenous Recognition Program.....	1

GRADE POINT AVERAGE

Quality points are used to compute both the **All Course GPA** and **Academic GPA**. Academic GPA is calculated on a weighted scale where only **academic subjects are included (English, Social Studies, World Language, Mathematics, and Science, as indicated on the last page)**. **Advanced Placement and Accelerated subjects receive additional weight**. All Course GPA is calculated on an un-weighted scale in which every subject is granted equal weight. Both grade point averages will appear on a student’s transcript.

Advanced Placement and Accelerated Subjects/Quality Points:

Grade	Quality Points	Grade	Quality Points	Grade	Quality Points	Grade	Quality Points	Grade	Quality Points
A+	4.8	B+	3.8	C+	2.8	D+	1.8	E	0.0
A	4.5	B	3.5	C	2.5	D	1.5		
A-	4.2	B-	3.2	C-	2.2	D-	1.2		

Regular Academic Subjects/Quality Points:

Grade	Quality Points	Grade	Quality Points	Grade	Quality Points	Grade	Quality Points	Grade	Quality Points
A+	4.3	B+	3.3	C+	2.3	D+	1.3	E	0.0
A	4.0	B	3.0	C	2.0	D	1.0		
A-	3.7	B-	2.7	C-	1.7	D-	0.7		

Numerical Equivalents:

A+ (97-100)	B+ (87-89)	C+ (77-79)	D+ (67-69)	E (Below 60)
A (93-96)	B (83-86)	C (73-76)	D+ (63-66)	
A- (90-92)	B- (80-82)	C- (70-72)	D- (60-62)	
I = Incomplete	P = Passed	GL = Dropped a Level	G = Subject Dropped	
WP = Withdrawn Passing (No Credit)	WF = Withdrawn Failing	H = Medical Excuse in PE		

RANK IN CLASS The Scotch Plains-Fanwood Board of Education has eliminated the reporting of specific rank in class. Instead, Scotch Plains-Fanwood High School is providing intervals of grade point average that indicate the number and percentage of students within each interval.

INTERVALS OF GRADE POINT AVERAGES

Intervals of Academic (Weighted) Grade Point Average For the Class of 2022 at the end of Junior Year-SAT							
Grade Point Average	Number Of Students	Percent	EBRW	Mathematics	Reading Test	Math Test	Writing Test
4.50+	50	15.6	684	719	33	36	36
4.00-4.49	94	29.3	614	636	31	32	31
3.50-3.99	70	21.8	553	564	28	28	28
3.00-3.49	49	15.3	528	524	27	26	26
2.50-2.99	24	7.5	515	518	26	26	26
2.00-2.49	18	5.6	431	431	22	22	21
1.50-1.99	9	2.8	454	432	24	22	22
1.00-1.49	4	1.2	415	458	22	23	20
Less than 1.00	3	.9	413	433	20	22	22
Total	321	100					

Intervals of Academic (Weighted) Grade Point Average For the Class of 2022 at the end of Junior Year-ACT							
Grade Point Average	Number Of Students	Percent	Composite	English	Mathematics	Reading	Science
4.50+	12	22.6	30.3	31	30.5	30.8	29.5
4.00-4.49	21	39.6	26	25.8	25.8	26.6	26.1
3.50-3.99	10	18.9	20.7	19.8	20.6	22.2	20.5
3.00-3.49	7	13.2	36	24.1	25.9	27.3	26.9
2.50-2.99	3	5.7	19.3	17	19.3	20.7	20.7
2.00-2.49	0						
1.50-1.99	0						
1.00-1.49	0						
Less than 1.00	0						
Total	53	100					

CURRICULUM Scotch Plains-Fanwood High School offers a comprehensive program for students with a strong focus on college preparatory courses. More than 150 courses are offered during the eight-period day, including courses in business, fine arts, music, practical arts, as well as the core curriculum centered on language arts, mathematics, science, social studies, and world languages. Scotch Plains-Fanwood High School offers nineteen distinct Advanced Placement courses, as well as accelerated courses offered in each of the core disciplines. The needs of all students are addressed through programs in practical arts, computer science, performing and visual arts, and business education. Additionally, interested students are able to attend Union County Career and Technical Institute on a shared-time basis.

ACCELERATED AND ADVANCED PLACEMENT Scotch Plains-Fanwood High School offers 20 Advanced Placement courses. Advanced Placement courses are typically taken during the junior and senior years due to state graduation requirements and district prerequisites for admission. All Advanced Placement courses related to science have class limits of 24 students, due to physical plant limitations, as well as limits to the teaching staff. In the spring of 2022, 396 students were administered 756 Advanced Placement exams; 73% of the students who took AP exams scored a “3” or higher.

ADVANCED PLACEMENT MEAN SCORES (2022)

Art History	3.73	Biology	2.80
Calculus AB	1.98	Calculus BC	2.69
Chemistry	2.60	Computer Science A	3.70
Computer Science Principles	3.47	English Language & Composition	3.11
English Literature & Composition	3.47	Environmental Science	3.60
European History	2.83	French Language & Culture	3.00
Italian Language & Culture	3.33	Macroeconomics	2.02
Microeconomics	2.08	Music Theory	2.50
Physics C: Mechanics	3.10	Spanish Language & Culture	3.61
Statistics	4.00	U.S. Government & Politics	3.00
U.S. History	2.54		

DEPARTMENT COURSE OFFERINGS

* In addition to the five core subject areas, these electives are calculated in the Academic GPA
** Students taking English IV-World Literature must take one of the English IV elective courses

ART

Art Design Survey
Ceramics
Computer Aided Graphics (CAG)
Digital Photography
Advanced Digital Photography
Drawing I, II
Figure Drawing
Global Art Immersion
Painting I, II
Studio Art
Three-Dimensional Design

BUSINESS EDUCATION

Accounting I, II
Business Law
Business Technology
Consumer Finance
Entrepreneurship
Principles of Marketing I, II
Introduction to Business Management

FAMILY & CONSUMER SCIENCES

Advanced Foods
Introduction to Foods

HEALTH &

PHYSICAL EDUCATION

Comprehensive Health Education
Program, 9, 10, 11, 12
Physical Education 9, 10, 11, 12

INDUSTRIAL & TECHNICAL EDUCATION

Architectural Design
Auto. Tech. I, II, III, IV, V, VI
Drafting & Design
Engineering Technology
Product Design
Robotics
Woodworking I, II, III, IV

LANGUAGE ARTS

English I, II, III
**English III – Language & Composition
(AP)**

LANGUAGE ARTS (continued)

English IV – Literature & Composition (AP)

English IV – World Literature
English IV – The College Portfolio**
English IV – Narrative Nonfiction**
English IV – Debate & Discussion**
English IV – Dystopian Literature**
Advanced Digital Video Production
Creative Writing A, B
Digital Video Production
Dramatic Lit & The Actor
Humanities
Intro to Broadcast Journalism & Studio TV
Journalism, I, II, IIA, IIB
Photo-Journal/Yearbook I, II
Public Speaking
Tomorrow's Teachers
TV News & Broadcast Journalism
Senior Portfolio

MATHEMATICS

Algebra I
Algebra & Analytic Geometry
Algebra & Analytic Geometry II
Algebra II
Calculus
Calculus AB (AP)
Calculus BC (AP)
Computer Programming*
Computer Science A (AP)*
Computer Science Principles (AP)
Functions, Statistics, and Trigonometry
Math Analysis
Pre-Calculus
Statistics (AP)

MUSIC

Concert Band
Concert Band - Choir
Concert Choir
Instrumental Music Techniques
Las Cantadores
Men's Choir
Moonglowers
Music Theory
Music Theory (AP)

MUSIC (continued)

Select Chorus
SPF Jazz Band
Wind Ensemble
Piano

SCIENCE

Astronomy*
Anatomy & Physiology*
Biology I
Biology II (AP)*
Chemistry I
Chemistry II (AP)*
Environmental Science
Environmental Science (AP)*
Forensic Science*
Nutrition Science*
Physics
Physics II (AP)*
Zoology & Animal Behavior*

SOCIAL STUDIES

United States History I, II
Global Perspectives
Art History (AP)*
Economics & Financial Literacy
Economics (AP)*
European History (AP)*
Classical Philosophy
Psychology
Racism, Genocide, The Holocaust
Sociology: The American Society
**United States Government & Politics
(AP)***
United States History (AP)*
You and The Law

WORLD LANGUAGES

French II, III, IV, V
French V (AP)
Italian II, III, IV, V
Italian V (AP)
Mandarin Chinese I, II, III, IV
Spanish I, II, III, IV, V
Spanish V (AP)
Spanish for Heritage Language Speakers
The Spanish Heritage Experience