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# SCOTCH PLAINS - FANWOOD HIGH SCHOOL

Profile 2020-2021

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Principal

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**CEEB Code: 311360**



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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 individual students, as well as groups, 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 2020**  
Four-Year Colleges..... 78.8%  
Two-Year Colleges..... 14.5%  
Specialized Schools ..... 1.3%  
Total Pursuing Further Education.....94.6%

**GRADUATION REQUIREMENTS**

The Scotch Plains-Fanwood High School, Class of 2021, must accumulate a total of 120 credits, pass the New Jersey High School Proficiency Test 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

**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
- St - Standard - Students with an average background

**NATIONAL MERIT SCHOLARSHIP PROGRAM**

**Class of 2020**

National Merit Commended.....	9
National Merit Semi Finalists .....	0
National Achievement Outstanding Participant.....	0
National Achievement Finalists .....	1
National Hispanic Recognition Program:.....	0

**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 2020 at the end of Junior Year-SAT							
Grade Point Average	Number Of Students	Percent	EBRW	Mathematics	Reading Test	Math Test	Writing Test
4.50+	20	6.10	700	740	35	37	37
4.00-4.49	76	23.19	650	680	32	34	33
3.50-3.99	108	32.92	600	610	30	30	30
3.00-3.49	59	17.98	560	570	28	28	28
2.50-2.99	35	10.67	520	530	26	27	27
2.00-2.49	19	5.79	470	490	24	24	22
1.50-1.99	9	2.74	460	450	26	28	21
1.00-1.49	2	.61	515	490	26	25	26
Less than 1.00	0	0	0	0	0	0	0
Total	328	100					

Intervals of Academic (Weighted) Grade Point Average For the Class of 2020 at the end of Junior Year-ACT							
Grade Point Average	Number Of Students	Percent	Composite	English	Mathematics	Reading	Science
4.50+	6	5.18	33	33.8	32.5	34.2	32
4.00-4.49	33	28.45	27.2	27.2	27.8	27.4	27
3.50-3.99	46	39.66	25.5	25.6	25.5	26.3	25.7
3.00-3.49	16	13.79	20.7	20.9	20.3	22.	20.4
2.50-2.99	11	9.48	19.7	19.4	21.1	20.4	19.1
2.00-2.49	2	1.72	19	18	20.5	17	19.5
1.50-1.99	2	1.72	16	15	18	15	16.5
1.00-1.49	0	0					
Less than 1.00	0	0					
Total	116	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 nineteen 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 2020, 383 students were administered 683 Advanced Placement exams; 83.8% of AP students earned a “3” or higher.

**ADVANCED PLACEMENT MEAN SCORES (2020)**

Art History	3.27	Biology	3.39
Calculus AB	3.29	Calculus BC	3.57
Chemistry	3.06	Computer Science A	3.00
Computer Science Principles	3.17	English Language & Composition	3.66
English Literature & Composition	2.80	Environmental Science	3.71
European History	2.93	French Language & Culture	3.00
Italian Language & Culture	3.33	Macroeconomics	3.13
Microeconomics	3.39	Physics C: Mechanics	3.96
Spanish Language & Culture	3.68	U.S. Government & Politics	3.63
Statistics	3.48	U.S. History	3.00

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## DEPARTMENT COURSE OFFERINGS

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\* 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

Airbrush I, II  
Ceramics  
Computer Aided Graphics (CAG)  
Digital Photography  
Advanced Digital Photography  
Drawing I, II  
Figure Drawing  
Painting I, II  
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  
Living With Children

### HEALTH & PHYSICAL EDUCATION

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

### INDUSTRIAL & TECHNICAL EDUCATION

Auto. Tech. I, II, III, IV, V, VI  
CADD I, II, IV  
CADD-Solid & Surface Modeling  
CADD-Product Design  
Engineering Technology  
Woodworking I, II, III, IV

### LANGUAGE ARTS

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

### LANGUAGE ARTS (continued)

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  
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  
Mobile Application Development  
Pre-Calculus  
**Statistics (AP)**  
Web Development

### MUSIC

Concert Band  
Concert Band - Choir  
Concert Choir  
Instrumental Music Techniques  
Las Cantadores  
Mens Choir  
Moonglowers  
Music Theory  
Select Chorus  
SPF Jazz Band

### MUSIC (continued)

Vocal Techniques  
Wind Ensemble  
Piano  
Bach to Rock

### 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