



## HIGHLAND SPRINGS HIGH SCHOOL

15 S. Oak Ave. Highland Springs, VA 23075

804-328-4000 Fax: 804-328-4018

CEEB Code 471-070

<http://schools.henrico.k12.va.us/highlandspringshs/>

**Principal** Pam B. Bell

**School Counseling Director** M. Denell Gegenheimer

**School Counselors** Stephanie Cooke, Sherita Dance, Michael Otley, Lisa Smith and Loretta Speller

**College and Career Advisor** Syble Pemberton

### SCHOOL AND COMMUNITY PROFILE

Highland Springs High School is one of nine high schools in Henrico County. The school is located in eastern Henrico County in the unincorporated town of Highland Springs. The school serves about 1,700 students and has a faculty and staff of 160. Highland Springs High School is home to the Center for Engineering specialty center and the Advance College Academy for Business Administration (ACA). Highland Springs High School also shares a campus with the Advanced Career Education Center at Highland Springs, one of two technical centers within Henrico County Public Schools. HSHS students have opportunities available to them at these two advanced career technical centers.

### ACADEMIC CHARACTERISTICS

The school year is divided into two semesters. A semester is 18 weeks with two nine-week reporting periods. Seven classes meet every Monday for 45 minutes and for 90 minutes on alternating days. In addition to the seven classes, there is a 30-minute study/activity period on alternating days. The curriculum offers a variety of college-prep, Advanced Placement and honors courses as well as a variety of electives in business, marketing, family and consumer sciences, technology education, fine arts and the general academic areas.

#### AP Curriculum

English Language	English Literature	Biology	Calculus AB	Calculus BC	Computer Science Principles
Chemistry	Environmental Science	U.S. History	U.S. Government	Psychology	European History
World History	Physics C	Physics I	Computer Science	Statistics	

#### Honors Curriculum

English 9, 10	Algebra II	Geometry	Math Analysis/Trig	Biology
Chemistry	Spanish IV	Spanish V	French IV	French V
Art IV	Theater Arts IV	Marching Band	Specialty Center Courses	World History & Geography I, II

#### Specialty Center: Center for Engineering

The Center for Engineering is a rigorous pre-engineering program founded in advanced studies of mathematics and science. Strong academic preparation emphasizes the study of engineering, architecture and design as applied to aeronautics, mass transit and other public or private transportation.

#### ACA Specialty Center: Advance College Academy in Business Administration

The ACA provides the opportunity for students to earn both an advanced studies diploma and an Associate of Science degree in Business Administration from Reynolds Community College. All 61 credits are eligible for transfer to a four-year college or university.

### GPA and CLASS RANKING

Class rank and grade point average are determined by the levels of courses taken and the grades earned in those courses. Grades earned in courses completed in middle school that were awarded a high school credit will not be computed as part of the high school cumulative GPA. High school courses completed during the summer before entering ninth grade will be included in the GPA. Students are ranked numerically in ascending order, according to GPA, at the end of the junior year and at the end of first semester of the senior year. Students who are earning either a Standard or an Advanced Studies diploma are included in class rank. Beginning with the class of 2017, total grade points include an additional 0.5 quality point for any honors and a 1.0 quality point for any AP/dual-enrollment class taken.

## Grading Scale (effective Sept. 2, 2014)

Letter Grade	Percent Grade	4.0 Scale
A+	97-100	4.0
A	93-96	4.0
A-	90-92	3.7
B+	87-89	3.3
B	83-86	3.0
B-	80-82	2.7
C+	77-79	2.3
C	73-76	2.0
C-	70-72	1.7
D+	67-69	1.3
D	65-66	1.0
F	Below 65	0.0

$$\text{Cumulative GPA} = \frac{\text{Total Grade Points}}{\text{Total Credits Attempted}}$$

## Grade Distribution 2016\* (344 students ranked)

Upper Quintile	5.06-3.88
Second Quintile	3.87-3.179
Third Quintile	3.17-2.754
Fourth Quintile	2.75-2.223
Fifth Quintile	2.22-0.97

\*Students in the class of 2016 and earlier earned 0.17 weighted credit added to their final GPA for each honors/AP/dual-enrollment credit. This grade distribution does not reflect the changes beginning with the class of 2017 (0.5 quality point for any honors and a 1.0 quality point for any AP/dual-enrollment courses).

## TESTING RESULTS

### ACT 2016 (67 students participated)

	Highland Springs	Virginia	National
English	15.2	22.9	20.1
Math	16.9	22.9	20.6
Reading	17.4	24.0	21.3
Science	17.4	23.1	20.8
<b>Composite</b>	<b>16.9</b>	<b>23.3</b>	<b>20.8</b>

### SAT 2016 (58 students participated)

	Highland Springs	Virginia	National
ERW	487	572	551
Math	466	554	549
<b>Total Score</b>	<b>954</b>	<b>1126</b>	<b>1100</b>

## GRADUATION REQUIREMENTS

### STANDARD DIPLOMA

	CREDIT	VERIFIED
English	4	2
Math	3	1
Lab Science	3	1
Social Studies	3	1
Health & P.E.	2	
Fine Arts, CTE, or World Language	2	
Econ & Personal Finance	1	
Electives	4	
Choice		1
<b>Total</b>	<b>22</b>	<b>6</b>

### ADVANCED STUDIES DIPLOMA

	CREDIT	VERIFIED
English	4	2
Math	4	2
Lab Science	4	2
Social Studies	4	2
Health & P.E.	2	
Fine Arts or CTE	1	
Econ & Personal Finance	1	
World Languages	3	
Electives	3	
Choice		1
<b>Total</b>	<b>26</b>	<b>9</b>

### APPLIED STUDIES DIPLOMA

This diploma is available to students with disabilities who complete the requirements of their Individualized Education Program (IEP) and who do not meet the requirements for other diplomas.

### CLASS OF 2016 GRADUATE INTENTIONS

4-Yr College=29.2 percent  
 2-Yr College=37.3 percent  
 Work/Military/Other= 23.3 percent  
 \*Results from HSHS Class of 2016 Senior Survey