



## The Pembroke Hill School

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College Board/ACT Code: 261715

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<http://www.globalonlineacademy.org>

### General Information

#### History

The Pembroke Hill School is an independent, coeducational, college preparatory day school serving students from Early Years (age 2) through 12th grade. Pembroke Hill was created in 1984 through the merger of the all-girls Sunset Hill School (founded in 1913) and the all-boys Pembroke-Country Day School (founded in 1910).

**Mission** “Together, cultivating the best in each, for the benefit of all.”

**Accreditation** Independent Schools Association of the Central States (ISACS)

#### Memberships

Association of College Counselors in Independent Schools (ACCIS) – Founding Member, National Association of Independent Schools (NAIS), National Association of College Admissions Counseling (NACAC), The College Board

#### Enrollment

1164 total; 418 students in the Upper School; 104 students in the Class of 2019.

#### Location

The Wornall campus, adjacent to Kansas City’s Country Club Plaza district, is the home for students in Early Years through fifth grades, while the Ward Parkway campus houses sixth through 12th grades.

#### Community

Students from seven surrounding counties and 78 different zip codes, in both Kansas and Missouri, travel to Pembroke Hill each day. These students represent a variety of socioeconomic, religious, ethnic and racial backgrounds; students of color represent 29 percent of the school population.

#### Faculty

The school has 121 faculty members; 73 have master’s degrees and seven hold doctorates. The student-faculty ratio is 11:1 in the Lower School, 15:1 in the Middle and Upper School. The average Pembroke Hill faculty member has 18 years of teaching experience.

#### Financial Aid

For the 2018-19 school year, \$3 million in need-based financial aid has been awarded to approximately 25 percent of the student body.

#### Global Online Academy

Pembroke Hill is a member of Global Online Academy (GOA), a consortium of the world’s leading independent schools whose mission is to translate into online classrooms the intellectually rigorous programs and excellent teaching that are hallmarks of its member schools. Currently, 23 Pembroke Hill students are enrolled in 16 different GOA classes online, in subjects such as Gender Studies, Bioethics, Creative Nonfiction, Comparative Politics, Genocide & Human Rights and Global Health.

## Curriculum Notes

### 11 Accelerated/Honors courses offered:

Algebra II Accelerated  
 Geometry Accelerated  
 Pre-Calculus Accelerated  
 Advanced Math, Multivariable Calculus III\*  
 Advanced Math, Differential Equations\*  
 Advanced Math, Number Theory\*  
 Chemistry Accelerated  
 Spanish Level IV/Accelerated  
 Hispanic Culture and Film\*  
 Spanish Through Technology\*  
 French Conversation  
 \* = Semester Course

### 20 Advanced Placement (AP) courses offered:

English Literature  
 Studio Art (2-D, 3-D and Drawing)  
 Art History  
 Computer Science A  
 Chinese  
 French  
 Latin  
 Spanish  
 Calculus AB and BC  
 Statistics  
 Biology  
 Chemistry  
 Physics 1 & C  
 Environmental Science  
 U.S. History  
 Economics (Macro and Micro)  
 Psychology  
 U.S. Government and Politics

All year-long Pembroke Hill science courses include a laboratory

## Graduation Requirements

Discipline	Units	Minimum Requirements
English	4	Capstone Project
Mathematics	3	Algebra II
Science	3	Biology and Chemistry
Social Studies	3	World to 1500, World Since 1500, and American Civilization History
Foreign Language	3	At least two consecutive units of the same language
Electives	2	
Fine Arts	2	
Physical Education	1.5	
<b>Total</b>	<b>21.5</b>	

## Life at Pembroke Hill

### Senior Capstone Projects

In the span of their final year at Pembroke Hill, senior students select a topic of interest, complete an in-depth study, produce a significant written document, and deliver a comprehensive oral presentation. The award winning presentation from the Class of 2018 was: *"The Volga Germans in Kansas: Roots and Legacies."*

### Community Service

All Pembroke Hill students must volunteer at least 60 hours in the community in order to graduate. 99 percent of the Class of 2018 exceeded this requirement. 48 students earned the Presidential Community Service Award (over 100 hours of community service in a single school year.)

### January Interim

Promotes interdisciplinary learning, independent study, community service and educational travel opportunities. Examples include: Surrealist Cinema, Aerial Skills, Model UN Prep, Introduction to Woodworking, International Trips.

### Athletics

Pembroke Hill offers 23 varsity sports – 11 for boys and 12 for girls; 75 percent of all students participate in interscholastic sports. Since 2005, the following teams have won Missouri State Championships: Girls' Basketball (2005-6); Girls' Golf (2003-7); Girls' Tennis (2005, 2014, 2018); Boys' Golf (2006, 2011, 2014, 2015); Boys' Lacrosse (2009); Boys' Soccer (2005); Boys' Tennis (2005-6, 2009-2012, 2017).

### Languages

All students take Spanish language classes from Early Years through 5<sup>th</sup> grade. Beginning in 6<sup>th</sup> grade, students choose between Spanish, French, Chinese or Latin, and continue with the same language through 8<sup>th</sup> grade. 3 years of a language, including two consecutive levels in the same language, are required in the Upper School. Students are fortunate to learn from native speakers and bilingual instructors in all modern languages.

### Fine Arts

18 percent of students sing in the Upper School choirs. PHS instrumental music includes approximately 49 students. 126 Upper School students have declared a Performing Arts focus; 32 have declared a Visual Arts focus.

### S.T.E.M.

*Science Olympiad*: National Qualifier (1<sup>st</sup> and 2<sup>nd</sup> in the state) 25 out of 27 years, ranking nationally as high as 3<sup>rd</sup>, 6<sup>th</sup>, 10<sup>th</sup>, and 11<sup>th</sup>.

*Science Knowledge Bowl*: Regional Champions 10 times, Regional Runner Up 6 times, ranking as high as 4<sup>th</sup> nationally.

*Envirothon*: 10 Consecutive Missouri State Championships (2009-2018), 2 North American Championships (2012 and 2015), 4<sup>th</sup> place at the 2017 North American Competition in Maryland, 2<sup>nd</sup> place at the 2018 North American Competition in Idaho.

*Mathleague.org*: Second place in Missouri (2012, 2017), First place in Midwest regional (2012).

*FIRST Robotics*: Kansas City Regional Participant 2008-2017.



## Standardized Test Scores Class of 2018

### SAT Scores

62% of the Class of 2018 took the SAT

SAT	Middle 50%
SAT EBRW	640-730
SAT Math	630-760
SAT Writing	33-37
SAT Total	1260-1490

### ACT Scores

85% of the Class of 2018 took the ACT

ACT	Middle 50%
English	29-35
Math	28-33
Reading	29-34
Science	27-33
Composite	28-33

## National Merit Scholarship Competition

Class	Class Size	Semi-Finalists	Commended	Recognition
2015	93	13	10	25%
2016	89	13	7	22%
2017	111	6	12	16%
2018	106	12	16	26%
2019	104	15	5	19%

## Grading System

A+ (97-100)	B- (80-82)	D (63-66)
A (93-96)	C+ (77-79)	D- (60-62)
A- (90-92)	C (73-76)	F (59 and below)
B+ (87-89)	C- (70-72)	
B (83-86)	D+ (67-69)	

## Class of 2019 Grade Distribution

For Select Courses Taken in the 2017-18 Academic Year

Subject	A+	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F	Total
Amer. Civ. English*	7	28	20	18	10	5	5	7	0	1	0	2	0	103
AP U.S. History	17	29	21	3	9	0	0	2	0	0	0	0	0	81
Amer. Civ. History*	0	5	5	4	4	3	0	0	1	0	1	0	0	23
AP Calculus BC	3	1	3	1	1	1	0	0	0	0	0	0	0	10
AP Calculus AB	0	8	5	0	1	0	0	0	0	0	0	0	0	14
Calculus	0	1	1	0	0	0	0	0	0	0	0	0	0	2
Pre-Calculus Acc.	4	9	8	5	5	6	1	0	0	0	0	0	0	38
Pre-Calculus	1	3	5	3	4	2	3	4	3	0	0	0	0	27
Algebra II	0	1	0	1	2	0	1	0	0	0	0	0	0	5
Diff. Equations +	4	0	0	0	0	0	0	0	0	0	0	0	0	4
Multivariable Calc +	4	0	0	0	0	0	0	0	0	0	0	0	0	4
AP Physics I	3	6	4	11	7	3	1	0	0	0	0	0	0	35
Physics	4	8	11	8	10	8	2	3	1	0	0	0	0	55
AP Chemistry	4	1	1	1	0	0	0	0	0	0	0	0	0	7
Chemistry Acc.	1	2	0	0	1	0	0	0	0	0	0	0	0	4
AP Biology	0	2	1	0	0	0	0	0	0	0	0	0	0	3
Human Physiology +	7	10	6	2	1	1	0	0	0	0	0	0	0	27
AP Enviro. Science	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Science & Society +	0	0	1	0	0	1	0	0	0	0	0	0	0	2
AP French	0	1	0	1	0	0	0	0	0	0	0	0	0	2
French IV	0	0	1	4	1	4	0	1	0	0	0	0	0	11
French I	2	0	0	1	0	0	0	0	0	0	0	0	0	3
Latin IV	2	1	1	1	1	1	2	0	0	0	0	0	0	9
Latin III	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Latin I	0	1	0	1	0	0	0	0	0	0	0	0	0	2
AP Spanish	2	6	4	2	0	1	0	0	0	0	0	0	0	15
Spanish IV Acc.	0	3	7	0	1	0	0	0	0	0	0	0	0	11
Spanish IV	0	1	1	1	0	1	0	0	0	0	0	0	0	4
Spanish III	0	1	2	2	4	2	1	1	1	0	0	0	0	14
Spanish II	0	1	0	1	0	0	1	1	0	0	0	0	0	4
Spanish I	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Mandarin Chin. IV	2	6	2	0	0	0	0	0	0	0	0	0	0	10
Mandarin Chinese II	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Mandarin Chinese I	3	3	1	0	2	3	0	1	0	0	0	1	0	14
AP Art History	1	0	2	0	0	0	0	0	0	0	0	0	0	3
AP Studio Art 2D	1	2	0	1	0	0	0	0	0	0	0	0	0	4
Advanced Debate	11	1	0	0	0	0	0	0	0	0	0	0	0	12
Debate II	2	1	0	0	1	0	0	0	0	0	0	0	0	4
Chorale	0	9	0	0	0	0	0	0	0	0	0	0	0	9
Visual Art +	2	2	1	0	0	0	0	0	0	0	0	0	0	5
Silversmithing +	2	1	1	0	0	0	0	0	0	0	0	0	0	4
Intro to Java +	0	0	4	0	0	0	0	0	0	0	0	0	0	4
3D Print Design +	0	2	1	0	0	0	0	0	0	0	0	0	0	3

+ One-semester courses; \*American Civilization is a team-taught, two-period course combining English 11 and U.S. History



## SAT Subject Test Scores

	<i>Mean</i>	<i>Students Tested</i>
<i>Biology - M</i>	714	5
<i>Chemistry</i>	693	15
<i>English Literature</i>	646	28
<i>French</i>	585	4
<i>Latin</i>	680	3
<i>Math Level I</i>	699	20
<i>Math Level II</i>	713	42
<i>Physics</i>	722	18
<i>Spanish</i>	691	15
<i>U.S. History</i>	640	26

## AP Scores - May 2018

- 90% of students received a score 3 or above in at least one AP exam.
- 79% of scores were 3 or above.
- 55% of scores were 4 or 5.
- 100% of the Class of 2019 took at least one AP course.
- All students enrolled in an AP course are required to take the AP exam, except in AP English Literature.

<i>Exam</i>	<i>5</i>	<i>4</i>	<i>3</i>	<i>2</i>	<i>1</i>	<i>Total</i>
<i>Art History</i>	5	6	0	2	0	13
<i>Biology</i>	2	15	12	3	0	32
<i>Calculus AB</i>	12	12	12	9	0	45
<i>Calculus BC</i>	15	2	10	4	0	31
<i>Chemistry</i>	6	4	0	4	1	15
<i>Chinese Lang</i>	0	0	3	0	0	3
<i>English Lang.</i>	29	25	22	9	1	86
<i>English Lit.</i>	5	7	18	24	1	55
<i>Env. Science</i>	5	3	2	1	1	12
<i>French Lang.</i>	6	2	2	0	0	10
<i>Latin</i>	5	2	5	0	0	12
<i>Macroeconomics</i>	10	10	10	15	4	49
<i>Microeconomics</i>	12	15	10	8	4	49
<i>Physics I</i>	9	21	10	2	0	42
<i>Physics C (Mechanics)</i>	8	8	13	8	2	39
<i>Physics C (Electricity &amp; Magnetism)</i>	12	7	0	1	0	20
<i>Psychology</i>	5	8	4	2	0	19
<i>Spanish Lang</i>	10	9	2	1	0	22
<i>Statistics</i>	3	6	9	1	2	21
<i>Studio Art (2D)</i>	0	1	0	0	0	1
<i>Studio Art (Drawing)</i>	0	2	2	0	0	4
<i>U.S. Government &amp; Politics</i>	9	6	13	11	2	41
<i>U.S. History</i>	17	27	22	17	8	91

## College Matriculations

### Classes of 2014-2018

For the classes of 2014-2018 (average class size is 95), *two* or more students have matriculated at the following:

American University	4	University of Michigan	3
Amherst College	3	Middlebury College	2
University of Arkansas	6	University of Mississippi	3
Barnard College	2	Missouri Univ. of Science & Tech.	2
Baylor University	4	University of Missouri – Columbia	16
Boston College	3	University of Missouri – Kansas City	7
Boston University	4	New York University	2
Bowdoin College	5	Northeastern University	4
Brown University	2	Northwestern University	3
University of California – Berkeley	2	University of Notre Dame	7
University of California – Davis	2	University of Pennsylvania	4
University of California – Los Angeles	3	Pomona College	6
University of California – Santa Barbara	2	Princeton University	3
Carleton College	4	University of Puget Sound	2
Carnegie Mellon University	4	Reed College	3
Case Western Reserve University	2	Rensselaer Polytechnic Institute	2
Chapman University	4	Rhodes College	2
University of Chicago	4	Rice University	2
University of Colorado – Boulder	3	University of Richmond	4
Colorado College	3	Rockhurst University	2
Colorado State University	4	Rollins College	2
Columbia University	7	University of San Diego	2
Cornell University	4	University of San Francisco	2
Creighton University	2	Santa Clara University	3
Dartmouth College	6	Savannah College of Art and Design	2
Denison University	4	Sewanee: The University of the South	2
University of Denver	10	University of Southern California	13
DePaul University	2	Southern Methodist University	12
Duke University	7	Stanford University	8
Elon University	3	Stevens Institute of Technology	4
Emory University	7	Syracuse University	5
The George Washington University	5	Texas Christian University	8
Georgetown University	5	University of Texas – Austin	2
University of Georgia	2	Trinity University	2
Grinnell College	2	Tufts University	6
Harvard University	3	Tulane University	3
Harvey Mudd College	2	University of Tulsa	3
Indiana University	5	University of St. Andrews	2
Ithaca College	2	Vanderbilt University	5
Johnson County Community College	2	Vassar College	2
Kansas City Art Institute	2	Virginia Tech	2
Kansas State University	4	University of Virginia	2
University of Kansas	48	Wake Forest University	3
Lafayette College	2	Washington University (St. Louis)	12
Lake Forest College	2	Wesleyan University	4
Lehigh University	3	William Jewell College	2
Loyola Marymount University	3	University of Wisconsin – Madison	3
Miami University, Oxford	4	Yale University	3