



## 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

1166 total; 422 students in the Upper School; 101 students in the Class of 2020.

### 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 74 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 124 faculty members; 76 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 16 years of teaching experience.

### Financial Aid

For the 2019-20 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, 21 Pembroke Hill students are enrolled in 17 different GOA classes online, in subjects such as Gender Studies, Bioethics, Genocide & Human Rights, International Relations, Prisons & the Criminal Law, Medical Problem Solving, Filmmaking, Neuropsychology and Fiction Writing.

## 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

### 23 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  
 Physics C: Mechanics, E&M  
 Environmental Science  
 U.S. History  
 Economics (Macro and Micro)  
 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 levels 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, 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 2019 was: "*I Too Have Found My Grail!: The Mystery of the American Musical*"

### Community Service

All Pembroke Hill students complete at least 60 hours of service in the community over four years in order to graduate. 92 percent of the Class of 2019 exceeded this requirement, with 40% earning over 100 hours.

### January Interim

January Interim (Jan-term) promotes interdisciplinary learning, independent study, and provides opportunities for community service and travel. The primary purpose of Jan-term is to enrich students' learning experiences by giving them opportunities to study in areas and in ways not available in the regular curriculum. Examples include: Big Questions, Federation of Ethics, Integrative Medicine, Aerial Silks, and New York on Film.

### 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 (2005-2006); Girls' Golf (2003-2007); Girls' Tennis (2005, 2014, 2017); Boys' Golf (2006, 2011, 2014, 2015, 2019); Boys' Lacrosse (2009); Boys' Soccer (2005); Boys' Tennis (2005-2006, 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 among 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

15 percent of students sing in the Upper School choirs; instrumental music includes approximately 15 students. 80 Upper School students have declared a Performing Arts focus; 35 have declared a Visual Arts focus.

### S.T.E.M.

*Science Olympiad*: National Qualifier (1<sup>st</sup> or 2<sup>nd</sup> in the state) 28 out of the last 30 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), North American Championship 1<sup>st</sup> place (2012, 2015), 2<sup>nd</sup> place (2018), 4<sup>th</sup> place (2007).

*Mathleague.org*: 5<sup>th</sup> place in Nationals (2019), First place in Midwest regional (2012), Second place in Missouri (2012, 2017, 2019.)

KC Regional Participant in *FIRST Robotics* competition since 2008 and *FIRST Tech Challenge* since 2019.



# Standardized Test Scores Class of 2019

## SAT Scores

51% of the Class of 2019 took the SAT

SAT	Middle 50%
SAT EBRW	660-750
SAT Math	640-780
SAT Writing	33-38
SAT Total	1300-1520

## ACT Scores

87% of the Class of 2019 took the ACT

ACT	Middle 50%
English	29-35
Math	26-33
Reading	30-35
Science	26-33
Composite	28-33

## National Merit Scholarship Competition

Class	Class Size	Semi-Finalists	Commended	Recognition
2016	89	13	7	22%
2017	111	6	12	16%
2018	106	12	16	26%
2019	104	15	5	19%
2020	101	16	8	24%

## 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 2020 Grade Distribution

For Select Courses Taken in the 2018-19 Academic Year

Subject	A+	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F	Total
Amer. Civ. English*	7	28	16	13	12	9	3	4	2	1	1	0	0	96
AP U.S. History	9	26	14	12	3	5	1	0	0	0	0	0	0	70
Amer. Civ. History*	0	0	2	4	8	5	5	1	0	1	0	0	0	26
AP Calculus BC	3	5	3	1	2	0	0	1	0	0	0	0	0	15
AP Calculus AB	0	1	4	2	3	0	0	0	0	0	0	0	0	10
Calculus	0	1	1	0	1	0	0	0	0	0	0	0	0	3
Pre-Calculus Acc.	5	6	6	4	5	2	1	0	0	0	0	0	0	29
Pre-Calculus	0	1	7	4	4	2	2	3	2	0	1	0	0	26
Algebra II	0	1	0	1	2	0	1	1	0	0	0	0	0	6
Diff. Equations +	3	1	0	0	0	0	0	0	0	0	0	0	0	4
Multivariable Calc +	2	2	0	0	0	0	0	0	0	0	0	0	0	4
AP Computer Sci.	2	1	0	0	0	0	0	0	0	0	0	0	0	3
Python Prog. +	1	2	0	0	0	0	0	0	0	1	0	0	0	4
Intro to Java +	1	1	0	0	0	0	0	0	0	0	0	0	0	2
AP Physics I	2	7	5	5	10	3	0	0	0	0	0	0	0	32
Physics	6	9	6	8	10	4	0	2	2	0	0	0	0	47
AP Chemistry	2	0	0	1	0	0	0	0	0	0	0	0	0	3
Chemistry Acc.	1	0	0	1	0	0	0	0	0	0	0	0	0	2
AP Biology	0	1	0	0	1	0	0	0	0	0	0	0	0	2
Human Physiology +	8	6	4	1	2	3	0	2	1	0	0	0	0	27
AP Enviro. Science	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Science & Society +	0	2	3	0	0	0	0	0	0	0	0	0	0	5
Neuro & Cognition	1	0	0	1	0	0	0	0	0	0	0	0	0	2
AP French	1	0	1	0	0	0	0	0	0	0	0	0	0	2
French IV	0	0	4	1	1	0	0	0	0	0	0	0	0	6
French I	1	0	0	2	0	0	0	0	0	0	0	0	0	3
Latin IV	4	1	3	1	1	0	0	0	0	0	0	0	0	10
AP Spanish	2	1	3	2	2	0	0	1	0	0	0	0	0	11
Spanish IV Acc.	0	4	1	1	2	0	0	0	0	0	0	0	0	8
Spanish IV	0	0	0	1	2	1	0	1	0	0	0	0	0	5
Spanish III	0	3	0	1	3	1	0	0	1	0	0	0	0	9
Mandarin Chin. IV	1	2	0	1	0	1	0	0	0	0	0	0	0	5
Mandarin Chin. III	1	1	0	0	0	2	0	0	0	0	0	0	0	4
Mandarin Chinese I	1	5	2	3	1	2	1	0	0	1	1	1	0	18
AP Art History	0	1	0	0	0	0	0	0	0	0	0	0	0	1
AP Studio Art	0	1	1	1	0	0	0	0	0	0	0	0	0	3
Photography	0	0	2	0	0	0	0	0	0	0	0	0	0	2
Debate II	3	0	0	0	1	0	0	0	0	0	0	0	0	4
Advanced Debate	16	2	0	0	0	0	0	0	0	0	0	0	0	18
Chorale	0	9	0	0	0	0	0	0	0	0	0	0	0	9
Painting +	0	1	1	0	0	1	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

	Mean	Students Tested
Biology - M	725	2
Chemistry	740	7
English Literature	680	27
French	610	6
Math Level I	695	6
Math Level II	740	28
Physics	713	12
Spanish	678	8
U.S. History	638	21
World History	652	5

## AP Scores - May 2019

- 82% of students received a score 3 or above in at least one AP exam.
- 92% of seniors received a score 3 or above in at least one AP exam.
- 75% of scores were 3 or above.
- 52% 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.

Exam	5	4	3	2	1	#
Art History	3	5	1	1	0	10
Biology	4	10	6	1	0	21
Calculus AB	0	8	11	14	1	34
Calculus BC	15	10	11	3	0	39
Chemistry	3	2	10	6	1	22
Chinese Lng	2	2	3	1	0	8
Comp. Sci.	7	4	1	2	0	14
English Lng	28	19	15	12	5	79
English Lit	5	11	5	7	2	30
Env. Science	3	7	6	8	2	26
French Lng	2	5	1	0	0	8
Latin	1	2	2	0	0	5
Macro	10	10	10	15	4	49
Micro	8	16	11	3	10	48
Physics 1	11	13	10	4	0	38
Physics C Mechanics	8	1	1	1	0	11
Physics C E&M	9	0	0	1	1	11
Psychology	2	7	6	1	0	16
Spanish Lng	7	9	4	0	0	20
Statistics	4	7	6	5	4	26
Art 2D Dsgn	1	1	2	0	0	4
Art Drawing	0	2	2	0	0	4
US Gov&Pol	5	9	8	11	4	37
US History	23	18	20	11	13	85

## College Matriculations

### Classes of 2015-2019

For the classes of 2015-2019 (average class size is 100), *two* or more students have matriculated at the following:

The University of Alabama	2	Middlebury College	2
American University	4	University of Mississippi	2
Amherst College	3	U of Missouri Columbia	18
Arizona State University	2	U of Missouri Kansas City	9
University of Arkansas	4	New York University	2
Auburn University	2	UNC Chapel Hill	2
Barnard College	3	Northeastern University	4
Baylor University	3	Northwestern University	4
Boston College	7	University of Notre Dame	7
Boston University	3	University of Pennsylvania	5
Bowdoin College	5	Pomona College	5
Brown University	3	Princeton University	2
U of California, Berkeley	2	University of Puget Sound	2
U of California, Davis	2	Purdue University	2
U of California, Santa Barbara	2	Reed College	2
Carleton College	5	Rensselaer Polytechnic Institute	2
Carnegie Mellon University	6	Rhodes College	3
Case Western Reserve U	2	Rice University	2
Chapman University	3	University of Richmond	4
University of Chicago	3	University of San Diego	4
U of Colorado at Boulder	3	University of San Francisco	2
Colorado College	2	Santa Clara University	5
Colorado State University	3	Scripps College	2
Columbia University	7	U of Southern California	12
Cornell University	6	Southern Methodist University	10
Creighton University	3	University of St. Andrews	3
Dartmouth College	5	St. Olaf College	2
Denison University	2	Stanford University	7
University of Denver	10	Stevens Inst of Technology	4
DePaul University	2	Syracuse University	4
Duke University	6	Texas Christian University	6
University of Edinburgh	2	University of Texas, Austin	3
Emory University	6	Tufts University	5
Georgetown University	4	Tulane University	6
University of Georgia	2	University of Tulsa	2
Harvard College	2	US Military Academy - Army	2
Harvey Mudd College	3	Vanderbilt University	6
Indiana U at Bloomington	4	Vassar College	2
Ithaca College	2	University of Virginia	2
Johns Hopkins University	3	Wake Forest University	4
Kansas City Art Institute	2	Washington and Lee University	2
Kansas State University	4	Washington University St. Louis	12
University of Kansas	42	Wesleyan University	4
Lehigh University	3	William Jewell College	2
Loyola Marymount University	4	Williams College	2
Massachusetts Inst. of Tech	3	U of Wisconsin, Madison	4
Miami University, Oxford	5	Yale University	4
University of Michigan	6		