



## 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

1177 total; 428 students in the Upper School; 104 students in the Class of 2021

### 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 82 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 30 percent of the school population.

### Faculty

The school has 122 faculty members; 74 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 2020-21 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, 11 Pembroke Hill students are enrolled in 12 different GOA classes online, in subjects such as Bioethics, Abnormal Psychology, Medical Problem Solving, Arabic, Japanese and Entrepreneurship.

## 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  
 2 Spanish Electives \*  
 French Conversation  
 \* = Semester Course

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

English Literature  
 Art & Design (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 2020 was: *The Merits of Pretense: Playing in a World of Work* which explored the importance of play in the adult world despite the bias against it.

### Community Service

All Pembroke Hill students complete at least 60 hours of service in the community over four years in order to graduate. This year, as a result of COVID-19, we relaxed the requirement for those who had not yet met 60 hours and required students to devise one final project to satisfy the spirit of the expectation. Despite the COVID restrictions, 84 percent of the Class of 2020 exceeded the sixty hour requirement, with 40% earning over 100 hours.

### January Interim

JanTerm is an interim week dedicated to alternative and experimental course offerings, which provides non-traditional learning opportunities. The purpose of JanTerm is to promote interdisciplinary learning, independent study and provide opportunities for community service and travel. Past courses have included: Mystical Writings of the World's Greatest Physicists, The Normandy Experience, From Singing in the Rain to La La Land: the Golden Age of Hollywood Musicals, Prison Perspectives on Punishment, Black Movie and Spy School.

### 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

20 percent of students sing in the Upper School choirs; instrumental music includes approximately 20 students. 70+ students are involved in theater productions. 80+ students join the Speech and Debate program, which has been in the Top 50 NSDA programs for the last 5 years. All students take a minimum of 4 semesters of art, music or performing arts classes.

### 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.)

3 teams compete in the FIRST Tech Challenge annually. Winner of Collins Aerospace Innovate Award (2019).

# Standardized Test Scores Class of 2020

## SAT Scores

54% of the Class of 2020 took the SAT

SAT	Middle 50%
SAT EBRW	630-740
SAT Math	610-720
SAT Total	1250-1450

## ACT Scores

82% of the Class of 2020 took the ACT

ACT	Middle 50%
English	26-35
Math	25-32
Reading	28-35
Science	24-34
Composite	26-33

## National Merit Scholarship Competition

Class	Class Size	Semi-Finalists	Commended	Recognition
2021	104	8	5	13%
2020	101	16	8	24%
2019	104	15	5	19%
2018	106	12	16	26%
2017	111	6	12	16%

## 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 2021 Grade Distribution

For Select Courses Taken in the 2019-20 Academic Year

**Impact of Covid-19:** Fourth quarter started fully online on March 30<sup>th</sup> with a modified schedule and full instruction. Students continued to be graded and those enrolled in AP classes were expected to sit for the AP exams in May 2020. All student activities and spring sports were cancelled.

Subject	A+	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F	Total
AP US History/Amer. Civ. History*	13	17	36	10	13	9	5	0	0	0	0	0	0	103
Amer. Civ. English*	12	37	36	7	5	1	2	0	2	0	0	1	0	103
AP Calculus BC	0	3	4	2	6	0	0	1	0	0	0	0	0	16
AP Calculus AB	6	2	3	1	0	0	0	0	0	0	0	0	0	12
Calculus	0	1	0	1	0	0	0	0	0	0	0	0	0	2
Pre-Calculus Acc.	8	11	12	6	1	3	0	0	0	0	0	0	0	41
Pre-Calculus	2	7	3	0	2	2	1	2	0	0	0	0	0	19
Algebra II	1	1	2	2	1	1	1	0	0	0	0	0	0	9
Diff. Equations + Multivariable Calc +	3	2	1	0	0	0	0	0	0	0	0	0	0	6
AP Computer Sci. Intro to Java +	0	1	0	0	0	0	0	0	0	0	0	0	0	1
3D Print. Design	5	0	2	0	1	0	0	0	0	0	0	0	0	8
AP Physics I	3	2	0	0	0	0	0	0	0	0	0	0	0	5
Physics	3	7	5	8	8	0	1	0	0	0	0	0	0	32
AP Chemistry	8	13	14	7	7	3	0	1	1	0	0	0	0	54
Chemistry Acc.	2	3	1	0	0	0	0	0	0	0	0	0	0	6
Chemistry	0	0	0	0	1	0	0	0	0	0	0	0	0	1
AP Biology	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Human Physiology +	0	1	3	0	0	0	0	0	0	0	0	0	0	4
AP Enviro. Science	2	0	4	7	0	1	1	1	0	0	0	0	0	16
Science & Society +	0	0	1	1	0	0	0	0	0	0	0	0	0	2
AP French	0	1	0	0	0	0	0	0	0	0	0	0	0	1
French IV	1	1	0	0	0	0	0	0	0	0	0	0	0	2
French III	0	0	1	1	0	1	0	0	0	0	0	0	0	3
French I	0	1	1	0	0	2	1	0	0	0	0	0	0	5
French Conversation	1	1	5	1	0	1	0	0	0	0	0	0	0	9
Latin IV	0	2	0	1	0	0	0	1	0	0	0	0	0	4
AP Spanish	3	2	2	1	0	0	1	0	0	0	0	0	0	9
Spanish IV Acc.	2	5	1	6	0	0	0	0	0	0	0	0	0	14
Spanish III	1	7	6	1	1	0	0	0	0	0	0	0	0	16
Spanish I	0	0	0	1	4	0	0	0	0	0	0	0	0	5
Spanish Elective	1	0	5	2	0	0	0	0	0	0	0	0	0	8
Mandarin Chin. IV	0	3	0	0	1	0	0	0	0	0	0	0	0	4
Mandarin Chinese I	0	4	5	1	2	0	0	0	0	0	0	0	0	12
AP Art History	1	0	1	0	1	0	1	0	0	0	0	0	0	4
AP Art & Design	3	2	2	0	1	0	0	0	0	0	0	0	0	8
Making Comics	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Yearbook	0	2	4	0	0	0	0	0	0	0	0	0	0	6
Advanced Debate	0	5	0	0	0	0	0	0	0	0	0	0	0	5
Chorale	3	7	0	0	0	0	0	0	0	0	0	0	0	10
Madrigals	6	6	0	0	0	0	0	0	0	0	0	0	0	12
Acting	5	7	0	0	0	0	0	0	0	0	0	0	0	12
	9	4	0	0	0	0	0	0	0	0	0	0	0	13
	0	3	1	0	0	0	0	0	0	0	0	0	0	4

+ 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	670	2
Chemistry	678	9
English Literature	652	26
French	732	4
Math Level I	720	7
Math Level II	715	44
Physics	697	14
Spanish	682	9
U.S. History	664	21
Latin	610	6

## AP Scores - May 2020

2020 AP exams were abridged and administered online due to Covid-19. While all PHS students had access to technology to take online AP exams, many experienced technical glitches during the exams. PHS still required all students enrolled in AP courses to sit for the exam, with the exception of AP English Literature. Overall, there were some unexpected results due to the abridged format, pivot to online learning, new testing format and timing, and incongruencies in grading methodology.

- 86% of students received a score 3 or above in at least one AP exam.
- 84% of seniors received a score 3 or above in at least one AP exam.
- 73% of scores were 3 or above.
- 46% of scores were 4 or 5.
- 100% of the Class of 2020 took at least one AP course.

Exam	5	4	3	2	1	#
Art History	9	6	3	2	0	20
Biology	5	11	10	3	0	29
Calculus AB	2	12	8	6	4	32
Calculus BC	7	4	7	12	0	30
Chemistry	3	0	4	5	0	12
Chinese Lng	2	0	2	0	1	5
Comp. Sci.	1	0	3	1	0	5
English Lng	11	16	26	20	5	78
English Lit	2	7	7	8	9	33
Env. Science	7	13	3	3	6	32
French Lng	3	2	0	0	0	5
Latin	2	1	7	0	0	10
Macro	8	7	2	10	4	31
Micro	7	7	7	8	2	31
Physics 1	7	9	14	2	3	35
Physics C Mechanics	8	12	8	1	0	29
Physics C E&M	3	3	1	1	0	8
Spanish Lng	6	9	4	2	0	21
Statistics	2	5	11	6	2	26
Art 2D Dsgn	1	2	0	0	0	3
Art Drawing	2	2	0	0	0	4
Art 3D	0	1	1	0	0	2
US Gov&Pol	7	6	11	10	6	40
US History	18	24	30	17	6	95

## College Matriculations

### Classes of 2016-2020

For the classes of 2016-2020 (average class size is 102), *two* or more students have matriculated at the following:

American University	3	Rhodes College	2
Amherst College	2	Rice University	2
Arizona State University	4	Santa Clara University	4
Barnard College	3	Scripps College	3
Baylor University	2	Sewanee: U of the South	2
Boston College	8	Southern Methodist University	10
Boston University	3	Stanford University	5
Bowdoin College	5	Stevens Inst of Technology	3
Brown University	5	Swarthmore College	2
Carleton College	4	Syracuse University	3
Carnegie Mellon University	6	Texas Christian University	9
Case Western Reserve U	2	Tufts University	5
Chapman University	3	Tulane University	7
College of Charleston	2	US Military Academy - Army	2
Colorado College	2	University of Alabama	3
Columbia College (Chicago)	2	University of Arkansas	2
Columbia University	6	U of California, Berkeley	2
Cornell University	6	U of California, Davis	2
Creighton University	2	University of Chicago	5
Dartmouth College	6	U of Colorado Boulder	4
Denison University	2	University of Denver	6
Duke University	4	University of Georgia	2
Emory University	6	University of Kansas	46
Georgetown University	3	University of Miami	2
Harvard University	2	University of Michigan	6
Harvey Mudd College	3	University of Mississippi	2
Indiana University	3	U of Missouri, Columbia	15
Iowa State University	2	U of Missouri, Kansas City	9
Johns Hopkins University	3	University of Nebraska	2
Kansas City Art Institute	2	University of Notre Dame	6
Kansas State University	3	University of Pennsylvania	4
Lake Forest College	2	University of Richmond	4
Lehigh University	2	University of San Diego	4
Loyola Marymount University	6	University of San Francisco	2
Loyola University Chicago	5	U of Southern California	13
Massachusetts Inst. of Tech	2	University of St. Andrews	5
Miami University, Oxford	4	University of Virginia	3
Middlebury College	4	U of Wisconsin, Madison	3
New York University	2	Vanderbilt University	4
Northeastern University	3	Vassar College	2
Northwestern University	3	Villanova University	2
Occidental College	2	Wake Forest University	2
Pomona College	4	Washington and Lee University	3
Princeton University	3	Washington University St. Louis	13
Purdue University	3	Wesleyan University	4
Reed College	2	Yale University	5