



## The Pembroke Hill School

5121 State Line Road, Kansas City, Missouri 64112

(816) 936-1200 phone • (816) 936-1429 fax

[www.pembrokehill.org](http://www.pembrokehill.org)

College Board/ACT Code: 261715

2021-22

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### School Contacts

#### David Burke

*Director of College Counseling*

(816) 936-1438

[dburke@pembrokehill.org](mailto:dburke@pembrokehill.org)

#### Tom Medlock

*College Counselor*

(816) 936-1458

[tmedlock@pembrokehill.org](mailto:tmedlock@pembrokehill.org)

#### Tammy Pottenger

*College Counselor*

(816) 936-1471

[tpottenger@pembrokehill.org](mailto:tpottenger@pembrokehill.org)

#### Lydia Dagenais

*College Counselor*

*Director of Testing*

(816) 936-1437

[ldagenais@pembrokehill.org](mailto:ldagenais@pembrokehill.org)

#### Oya Nuzumlali Schooley

*College Counselor*

(816) 936-1432

[oschooley@pembrokehill.org](mailto:oschooley@pembrokehill.org)

#### Brad Shelley

*Head of School*

#### Mike Hill

*Upper School Principal*



<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

1165 total; 411 students in the Upper School; 110 students in the Class of 2022.

### 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 81 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; our Black, Indigenous and People of Color student population is 31 percent.

### Faculty

The school has 121 faculty members; 72 have master's degrees and eight 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 17 years of teaching experience.

### Financial Aid

For the 2021-22 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, 19 Pembroke Hill students are enrolled in 18 different GOA classes online, in subjects such as Entrepreneurship, Introduction to Psychology, Business Problem Solving, Linear Algebra, Architecture, Japanese and Introduction to Legal Thinking.

## 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

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

English Literature  
 Art & Design (not offered in 21/22)  
 Art History  
 Computer Science A  
 Chinese  
 French  
 Latin  
 Spanish  
 Calculus AB and BC  
 Statistics  
 Biology  
 Chemistry  
 Physics 1  
 Physics 2  
 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 2021 was "Reconstructing the CIA", which examined the history and the intended objective of the CIA.

### Community Service

All Pembroke Hill students complete at least 60 hours of service in the community over four years in order to graduate. Despite the Covid restrictions, 63 percent of the Class of 2021 exceeded the sixty-hour requirement, and the entire class amassed a total of 11,331 community service 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 24 varsity sports – 11 for boys and 13 for girls; 80 percent of all students participate in interscholastic sports. Nonbinary and gender-fluid students are also encouraged to compete in school athletics. The school has a total of 64 state championships. The following teams have earned their spot in the MSHSAA history books: Girls Basketball - 4 state championships; Girls Golf - 5 state championships and 11 Final Four appearances; Girls Tennis - 9 state championships and 25 Final Four appearances; Boys Soccer - 2005 State Champion and 16 Final Four appearances; Boys Golf - 9 state championships and 22 Final Four appearances; Boys Tennis - 21 State championships and 41 Final Four appearances.

### 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 35 students. 50+ 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 (2017).  
*Mathleague.org*: 5<sup>th</sup> place in Nationals (2019), 1<sup>st</sup> place in Midwest regional (2012), 2<sup>nd</sup> place in Missouri (2012, 2017, 2019).

*Robotics*: 3 teams compete in the FIRST Tech Challenge annually. Winner of Collins Aerospace Innovate Award (2019, 2020); Northwest League Championship 2<sup>nd</sup> place (2020), qualified for Missouri State Championship (2020).

# Standardized Test Scores Class of 2021

## SAT Scores

44% of the Class of 2021 took the SAT

SAT	Middle 50%
SAT EBRW	630-730
SAT Math	610-750
SAT Total	1260-1490

## ACT Scores

84% of the Class of 2021 took the ACT

ACT	Middle 50%
English	27-35
Math	27-33
Reading	27-35
Science	25-33
Composite	27-33

## College Board National Merit Scholarship Competition

Class	Class Size	Semi-Finalists	Commended	Recognition
2022	110	10	9	17%
2021	104	8	5	13%
2020	101	16	8	24%
2019	104	15	5	19%
2018	106	12	16	26%

## 2022 College Board National African American Recognition Program Scholars: 2

## 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 2022 Grade Distribution

For Select Courses Taken in the 2020-21 Academic Year

Subject	A+	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F	Total
AP US History/Amer. Civ. History*	24	35	28	6	11	2	0	1	0	0	0	0	0	107
Amer. Civ. English	31	32	22	3	12	6	0	1	0	0	0	0	0	107
AP Calculus BC	17	0	0	1	0	0	0	0	0	0	0	0	0	18
AP Calculus AB	2	0	2	2	0	0	0	0	0	0	0	0	0	6
Calculus	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Pre-Calculus Acc.	9	16	4	0	0	0	0	0	0	0	0	0	0	29
Pre-Calculus	9	10	10	2	3	4	1	0	0	0	0	0	0	39
Algebra II	2	3	1	0	1	1	0	0	1	0	0	0	0	9
Diff. Equations +	1	2	0	0	0	0	0	0	0	0	0	0	0	3
Multivariable Calc +	2	1	0	0	0	0	0	0	0	0	0	0	0	3
AP Computer Sci.	3	1	0	0	0	0	0	0	0	0	0	0	0	4
Intro to Java: Bio +	6	1	0	0	0	0	0	0	0	0	0	0	0	7
Eng. & Robotics +	5	0	0	0	0	0	0	0	0	0	0	0	0	5
3D Print. Design +	2	1	0	0	0	0	0	0	0	0	0	0	0	3
AP Physics I	3	13	5	2	1	0	0	0	0	0	0	0	0	24
Physics	11	9	6	9	9	9	5	0	0	1	0	0	0	59
AP Chemistry	1	1	2	0	0	0	0	0	0	0	0	0	0	4
Chemistry	0	2	0	0	1	0	0	0	0	0	0	0	0	3
AP Biology	1	1	1	1	0	0	0	0	0	0	0	0	0	4
Human Physiology +	2	1	4	3	8	1	3	0	0	0	0	0	0	22
Science & Society +	2	1	0	0	0	0	0	0	0	0	0	0	0	3
Neuroscience +	4	1	1	0	0	0	0	0	0	0	0	0	0	6
AP French	0	3	3	2	0	0	0	0	0	0	0	0	0	8
French IV	1	4	1	0	1	0	0	1	0	0	0	0	0	8
French III	1	1	2	1	0	0	0	0	0	0	0	0	0	5
French II	0	1	0	0	0	0	2	0	0	0	0	0	0	3
French I	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Latin IV	3	2	1	2	0	0	0	0	0	0	0	0	0	8
Latin I	0	1	2	0	2	0	0	0	0	0	0	0	0	5
AP Spanish	0	3	2	3	1	0	0	0	0	0	0	0	0	9
Spanish IV Acc.	0	5	0	2	1	0	0	0	0	0	0	0	0	8
Spanish IV	0	0	0	0	1	2	1	1	0	0	0	0	0	5
Spanish III	3	4	4	0	0	2	0	0	0	0	0	0	0	13
Spanish Electives +	0	3	7	1	0	2	0	0	0	0	0	0	0	13
Mandarin Chin. IV	4	0	2	2	0	1	0	0	0	0	0	0	0	9
Mandarin Chin. III	0	0	1	1	0	1	0	0	0	0	0	0	0	3
Mandarin Chinese I	1	0	2	0	1	1	0	0	0	0	0	0	0	5
AP Art History	1	2	0	0	0	0	0	0	0	0	0	0	0	3
AP Art & Design	4	0	1	0	0	0	0	0	0	0	0	0	0	5
Adv. Photography +	0	4	2	0	0	0	0	0	0	0	0	0	0	6
Yearbook	3	4	0	0	0	0	0	0	0	0	0	0	0	7
Advanced Debate	13	1	0	0	0	0	0	0	0	0	0	0	0	14
Ceramics +	2	4	0	0	0	0	0	0	0	0	0	0	0	6
Madrigals	5	2	0	0	0	0	0	0	0	0	0	0	0	7
Silversmithing +	8	0	0	0	0	0	0	0	0	0	0	0	0	8

\* Students who do the extra work required for the AP US History curriculum are awarded the AP US History designation on their transcripts.

+ One-semester courses

### Impact of Covid-19:

- 21/22: All students are learning in-person (no virtual option) with a regular schedule; extracurriculars are proceeding as normal.
- 20/21: School was open full time with a regular schedule, 95% students were learning in-person (weekly testing and Covid mitigation strategies were in place), extracurriculars took place but were curtailed.

19/20: 4th quarter classes were moved to a virtual format, all extracurriculars were cancelled.

## AP Scores - May 2021

- 75% of students received a score 3 or above in at least one AP exam.
- 95% of seniors received a score 3 or above in at least one AP exam during high school.
- 67% of scores were 3 or above.
- 42% of scores were 4 or 5.
- 100% of the Class of 2021 took at least one AP course.

Exam	5	4	3	2	1	#
Art History	1	2	6	5	0	14
Biology	4	8	15	2	0	29
Calculus AB	3	4	6	14	12	39
Calculus BC	13	7	8	4	0	32
Chemistry	1	2	6	9	2	20
Chinese Lng	4	0	1	1	1	7
Comp. Sci. A	5	4	0	1	1	11
English Lng	10	25	18	12	6	71
English Lit	0	5	11	15	7	38
Env. Science	1	5	10	15	3	34
French Lng	8	1	1	0	0	10
Latin	0	3	1	0	0	4
Macro	4	3	6	9	12	34
Micro	4	9	11	7	2	33
Physics 1	9	12	5	4	0	30
Physics C Mechanics	6	12	3	1	1	23
Physics C E&M	2	4	0	1	0	7
Spanish Lng	6	6	4	0	0	16
Statistics	4	7	11	7	2	31
Art 2D Dsgn	2	2	1	0	0	5
Art Drawing	0	1	0	1	0	2
Art 3D	1	0	0	0	0	1
US Gov&Pol	2	3	9	6	7	27
US History	16	26	22	16	17	97

### Notes about the AP program:

*Discontinued in 21/22:* AP Physics C: Mechanics, AP Physics C: E&M, and AP Art & Design (2D, 3D, Drawing)

*New AP course offering in 21/22:* AP Physics 2

AP Physics 1 covers the content of AP Physics C: Mechanics and students have the option to take the AP Physics C: Mechanics exam.

AP Physics 2 is a new course offering in 21/22. This class covers the content of the Physics C: E&M course and students have the option to take the AP Physics C: E&M exam.

AP Economics is a full year course and a combination of AP Macroeconomics and AP Microeconomics courses. Students are required to take both exams at the end of the year.

PHS requires students enrolled in AP courses to sit for the exam, with a few exceptions made for AP English Literature and AP Environmental Science.

## College Matriculations

### Classes of 2017-2021

For the classes of 2017-2021 (average class size is 104), *two* or more students have matriculated at the following:

American University	3	Reed College	3
Amherst College	3	Rhodes College	2
Arizona State University	5	Rice University	3
Barnard College	3	Rockhurst University	3
Baylor University	2	Santa Clara University	6
Boston College	9	Scripps College	3
Boston University	3	Sewanee: University of the South	2
Bowdoin College	3	Southern Methodist University	9
Brown University	6	Stanford University	6
Carleton College	5	Stevens Institute of Technology	3
Carnegie Mellon University	6	Swarthmore College	2
Case Western Reserve University	3	Syracuse University	3
Chapman University	3	Texas Christian University	9
Colorado College	2	The University of Alabama	3
Columbia College - Chicago	2	The University of Texas at Austin	3
Columbia University	4	Tufts University	5
Cornell University	6	Tulane University	7
Creighton University	5	University of Arizona	2
Dartmouth College	8	University of Arkansas	4
Denison University	4	University of California - Davis	2
Duke University	3	University of Chicago	4
Elon University	2	University of Colorado - Boulder	3
Emory University	5	University of Denver	6
George Washington University	2	University of Kansas	41
Georgetown University	3	University of Miami	6
Harvard University	2	University of Michigan	7
Harvey Mudd College	3	University of Missouri - Columbia	12
Indiana University - Bloomington	5	University of Missouri - Kansas City	10
Johns Hopkins University	3	University of Nebraska - Lincoln	2
Kansas City Art Institute	3	University of Notre Dame	6
Kansas State University	3	University of Pennsylvania	4
Lehigh University	2	University of Richmond	5
Loyola Marymount University	6	University of San Diego	6
Loyola University Chicago	5	University of San Francisco	2
Massachusetts Ins. of Technology	2	University of Southern California	16
Miami University - Oxford	6	University of St Andrews	4
Middlebury College	3	University of Virginia	2
Missouri University of S & T	2	University of Wisconsin - Madison	3
New York University	3	Vanderbilt University	4
North Carolina State University	2	Vassar College	3
Northeastern University	4	Villanova University	2
Northwestern University	3	Wake Forest University	3
Occidental College	2	Washington and Lee University	4
Pomona College	3	Washington University in St. Louis	9
Princeton University	3	Wesleyan University	2
Purdue University	3	Yale University	7