## 2020-2021 School Profile (CEEB 334440)

## Trinity-Pawling School

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## The School

Trinity-Pawling School, founded in 1907, is an independent college preparatory school for boys from eighth through post-graduate year with boarding starting in eighth grade. The 230 acre campus is situated 65 miles north of New York City, serviced by Metro North Rail.

## Enrollment

Approximately 275: 200 boarders and 75 day students

## Faculty and Student/Faculty Ratio

- 60 faculty members, over $65 \%$ hold advanced degrees
- 5:1 Student/Faculty Ratio


## Accreditations, Organizations and Standardized Tests

N.Y. State Board of Regents • NAIS • NYSAIS • NACAC NYACAC • NEACAC • International Boys' Schools Coalition Test Site for: ACT, AP, PSAT, SSAT, SAT, and TOEFL

## Financial Aid

For those families who are unable to meet the full cost of tuition, financial assistance is available. Trinity-Pawling is committed to enrolling a talented and diverse group of students representing a broad range of backgrounds.

## Academic Calendar

The school year is divided into three academic trimesters: Fall, Winter, and Spring. Each student has 205 minutes per class each week, and classes meet Monday through Friday. Saturday flex schedule allows for testing, community service, lectures, Practicum work and other programming.

Fall, Winter, and Spring grades are available the first week of December, March and the second week of June respectively.

## Graduation Requirements (minimum)

4 Years: English
3 Years: Mathematics, Laboratory Science, and History
2 Years: Foreign Language*
1 Year: The Arts
2/3 Year: Religion and/or Philosophy
Practicum: Winter Project, Global Collaborative Challenge, and Senior Independent Project

* Some students are excused from the foreign language requirement if they are international or in the LEAD Program.


## Courses Offered at AP and Honors

Advanced Placement Classes (16): Biology, Calculus AB, Calculus BC, English Literature \& Composition, English Language \& Composition, Chemistry, Computer Science A, Environmental Science, European History, Macro Economics, Micro Economics, Music, Physics 1, Physics C: E/M, Statistics and U.S. History

Honors Classes (31): Advanced Art 1, 2, and 3, Advanced Pre-Calculus, Advanced Spanish, Advanced Spanish Literature, Advanced Spanish Language, Algebra 2, American Experience History, American Experience Literature, Biology, Calculus, Chemistry, Chinese 3, 4, and 5, Creation Modern World, English 1, 2, and 4, French 3, 4, and 5, Geometry, Modern World, Multi-Variable Calculus, Spanish 2, 3, 4, and 5 and Spanish Language \& Culture.

## Grading System and Distribution

- The transcript is shown as unweighted.
- The last ten valedictorians had a 95 average.
- Trinity-Pawling does not rank students nor calculate a grade point average.
- A grade of 60 is considered a Passing/College recommending grade.

Class of 2021: A (52\%), B (37\%), C (10\%), D (1\%), F (0\%) AVERAGE: 87.9 Rest of School: A (52\%), B (38\%), C (9\%), D (1\%), F (0\%) AVERAGE: 88.0


## Standardized Test Scores

The following mean scores for the AP and SAT Subject tests were compiled from the class of 2007 through 2018 and show the class of 2019's junior year tests both as a mid-50 and mean score. Approximately $50 \%$ of our seniors take an SAT II test.

The school hosts the PSAT, SAT, ACT, AP and TOEFL tests. Students taking AP classes are required to sit for the May AP exam(s). Trinity-Pawling students do not take the New York Regents exams. Our international students take a US based TOEFL.

|  |  |  |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2007 | -2020 |  |  | 2021 |  |  |  |  |
| TEST | $\mathbf{5}$ | $\mathbf{4}$ | $\mathbf{3}$ | TOTAL | $\mathbf{5}$ | $\mathbf{4}$ | $\mathbf{3}$ | TOTAL |  |
| Biology | $7 \%$ | $20 \%$ | $28 \%$ | 124 |  | $50 \%$ | $50 \%$ | 4 |  |
| Calculus AB | $24 \%$ | $17 \%$ | $16 \%$ | 250 | $31 \%$ | $7 \%$ | $15 \%$ | 13 |  |
| Calculus BC | $41 \%$ | $13 \%$ | $19 \%$ | 145 | $80 \%$ |  | $20 \%$ | 5 |  |
| Cal: AB Sub | $46 \%$ | $23 \%$ | $9 \%$ | 128 |  | CANCELLED COVID |  |  |  |
| Chemistry | $22 \%$ | $19 \%$ | $18 \%$ | 97 |  | $21 \%$ | $7 \%$ | $29 \%$ | 14 |
| Comp Sci A | $13 \%$ | $12 \%$ | $10 \%$ | 67 |  | $75 \%$ |  |  | 4 |
| Eng Lang | $13 \%$ | $23 \%$ | $39 \%$ | 148 | $20 \%$ | $5 \%$ | $40 \%$ | 20 |  |
| Macro | $9 \%$ | $21 \%$ | $29 \%$ | 257 | $75 \%$ | $25 \%$ |  | 4 |  |
| Micro | $8 \%$ | $18 \%$ | $55 \%$ | 281 | $33 \%$ | $25 \%$ |  | 12 |  |
| Phy C Mech | $25 \%$ | $19 \%$ | $15 \%$ | 107 | $40 \%$ | $60 \%$ |  | 5 |  |
| US History | $5 \%$ | $18 \%$ | $42 \%$ |  |  | $20 \%$ | $36 \%$ | 25 |  |
| TOTAL | $\mathbf{1 4 \%}$ | $\mathbf{1 7 \%}$ | $\mathbf{2 2 \%}$ | $\mathbf{2 3 8 5}$ | $\mathbf{2 3 \%}$ | $\mathbf{1 6 \%}$ | $\mathbf{2 5 \%}$ | $\mathbf{1 2 5}$ |  |

## ACT Summary

(Thru June, 2020)

$$
2016 \text { - } 2020 \text { ( } 276 \text { tests) }
$$

2021 (53)

|  | Middle 50\% | Mean | Middle 50\% | Mean |
| :---: | :---: | :---: | :---: | :---: |
| ELA | 15-23 | 17.7 | 0-21 | 11.8 |
| English | 17-25 | 21.5 | 15-24 | 20.0 |
| Math | 17-27 | 22.9 | 16-25 | 20.6 |
| Reading | 18-28 | 22.7 | 17-24 | 21.7 |
| Science | 19-26 | 22.9 | 18-24 | 21.2 |
| STEM | 18-26 | 22.4 | 17-45 | 20.5 |
| Writing | 5-20 | 11.4 | 0-7 | 4.3 |
| Composite | - 19-25 | 22.4 | 17-24 | 21.0 |

## SAT Summary

(Thru June, 2020)

|  | $2016-2020(303$ tests) | 2021 (61) |  |  |
| :--- | ---: | :---: | ---: | ---: | ---: |
|  |  |  |  |  |
|  | Middle 50\% | Mean | Middle 50\% | Mean |
|  |  |  |  |  |
| Evidence R/W | $500-630$ | 563 | $465-615$ | 547 |
| Math | $25-33$ | 29 | $24-31$ | 27 |
| Mathematics | $500-650$ | 580 | $480-620$ | 547 |
| Reading | $25-31$ | 28 | $24-31$ | 28 |
| Writing | $25-32$ | 28 | $23-32$ | 27 |

Total $\quad 1000-1280 \quad 1143 \quad 970-12001094$

## SAT Subject Test Summary

(Thru June, 2020)

|  | $2016-2020$ |  |  | 2021 |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Middle 50\% | Mean \# | Middle 50\% |  | Mean \# |  |
|  |  |  |  |  |  |  |
| Biology - E | $500-630$ | 572 | 25 |  |  |  |
| Chemistry | $490-760$ | 630 | 39 | $690-780$ | 741 | 7 |
| English Lit. | $470-570$ | 531 | 22 | $550-550$ | 550 | 1 |
| Math Level I | $510-640$ | 567 | 30 | $760-760$ | 760 | 1 |
| Math Level II | $630-800$ | 700 | 71 | $790-800$ | 750 | 6 |
| Physics | $550-750$ | 643 | 23 |  |  |  |
| US History | $490-620$ | 560 | 51 |  |  |  |

## Strength of Program for the Class of 2021

The parameters for the "Strength of Program" are derived from the 84 members of the class of 2019 and their senior year AP classes. Please note that this does not recognize honors classes nor sophomore and/or junior AP courses.

| Most Demanding | Very Demanding | Demanding | Traditional College Prep |
| :---: | :---: | :---: | :---: |
| 14 students $(17 \%)$ | 13 students $(16 \%)$ | 22 students (27\%) | 33 students (40\%) |
| $\geq 4$ AP classes | 3 AP classes | 1 or 2 AP class(es) | No AP class |

Junior year grades, Class of 2020 (Classes with 3 or more students)

|  | $00^{00}$ | $9 a^{x^{9}}$ | $90^{93}$ | (90) | $8 x^{906}$ | $80^{0^{3}}$ | $\hat{0}$ | $\sqrt{x^{16}}$ | $10^{0^{3}}$ | $0^{\circ} 0^{\circ}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Algebra 2 | 1 | 3 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 0 |
| Algebra 2 Honors | 0 | 1 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 |
| Anatomy | 0 | 1 | 1 | 1 | 2 | 0 | 0 | 1 | 1 | 0 |
| Biology | 0 | 0 | 1 | 2 | 3 | 1 | 0 | 0 | 1 | 0 |
| Biology Honors | 0 | 3 | 9 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| Calculus AB AP | 1 | 3 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| Calculus BC AP | 3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Calculus Honors | 2 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 |
| Chemistry | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |
| Chemistry AP | 0 | 1 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 0 |
| Chinese 2 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Economics | 1 | 1 | 1 | 4 | 3 | 3 | 1 | 0 | 0 | 0 |
| English Lang AP | 1 | 2 | 8 | 1 | 5 | 0 | 0 | 0 | 0 | 0 |
| English 3 | 0 | 3 | 12 | 0 | 6 | 4 | 2 | 1 | 3 | 1 |
| English 4 | 0 | 0 | 3 | 3 | 6 | 3 | 2 | 0 | 1 | 0 |
| French 1 | 0 | 4 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| French 4 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Funct Analysis \& Trig | 0 | 0 | 4 | 0 | 0 | 0 | 1 | 1 | 1 | 0 |
| Instr Music | 1 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Macroeconomics AP | 1 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 1 | 0 |
| Microeconomics AP | 1 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 1 | 0 |
| Photography | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Physics | 2 | 1 | 1 | 0 | 2 | 2 | 0 | 0 | 0 | 0 |
| Physics C AP | 1 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Physics 1 AP | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Precal Hon Adv | 0 | 4 | 1 | 0 | 3 | 3 | 1 | 0 | 0 | 0 |
| Precalculus | 2 | 4 | 1 | 2 | 1 | 1 | 1 | 0 | 3 | 0 |
| Spanish 1 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Spanish 3 | 0 | 1 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Spanish Lang \& Cult | 0 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Studio Art | 0 | 0 | 4 | 0 | 1 | 3 | 0 | 0 | 0 | 0 |
| Trininitones (A Capella) | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| US History | 1 | 0 | 7 | 0 | 4 | 7 | 3 | 1 | 1 | 1 |
| US History AP | 0 | 5 | 9 | 1 | 7 | 1 | 0 | 0 | 0 | 0 |
| Video Production | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| World Geography | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 |

## College Matriculation for the Class of 2020

American University Babson College<br>Bellarmine University<br>Bentley University<br>Boston University<br>Bowdoin College<br>Brown University<br>Bucknell University<br>Castleton University<br>Central Connecticut State U.<br>Cornell University<br>Curry College<br>Denison University<br>East Tennessee State U.<br>Franklin Pierce University<br>Gettysburg College<br>Hartwick College<br>High Point University<br>Hobart William Smith<br>Hofstra University<br>Ithaca College<br>Jacksonville University<br>Johnson \& Wales University, RI<br>Lafayette College<br>Lynn University - 3<br>Manhattan College<br>Medaille College<br>Merrimack College<br>Miami University-Oxford<br>Michigan State University<br>New York University<br>Nichols College<br>Oberlin College<br>Pennsylvania College of Technology<br>Pennsylvania State University<br>Pepperdine University - 2<br>Quinnipiac University<br>Rensselaer Polytechnic Institute<br>Rochester Institute of Technology - 2<br>Roger Williams University

Santa Clara University
School of Visual Arts
Sewanee: The University of the South
St. John Fisher College
Stevens Institute of Technology
SUNY College at Brockport
The University of Utah Asia Campus Trinity College - 2
Union College - Schenectady - 3
University of California-Irvine
University of California-Los Angeles
University of California-Santa Barbara
University of Detroit Mercy
Wilkes University
Wofford College
Worcester Polytechnic Institute
University of Florida
University of Maine
University of Maryland-College Park
University of Michigan-Ann Arbor

University of New Haven
University of Pennsylvania
University of Richmond
University of Rochester
University of Sydney
University of Toronto
University of Vermont - 2
Utica College
Vanderbilt University
Vassar College
Villanova University
Vincennes University
Washington College
Wentworth Inst. of Technology - 2
Wesleyan University - 2
Wilkes University
Wofford College
Worcester Polytechnic Institute

- Junior Hockey (7)


## College Matriculation for the Classes of 2009 to 2020

## College Matriculation 10 plus

Boston University - 13
Drexel University - 11
Elon University - 12
Emory University - 12
George Washington University - 12
Gettysburg College - 11
Hobart and William Smith Colleges - 31
Marist College - 11
Pennsylvania State University - 15
Rensselaer Polytechnic Institute - 12
Roger Williams University - 10
Sacred Heart University - 13
St. Lawrence University - 15
Syracuse University - 19
Trinity College - 18
University of Vermont - 23

## 6 to 9

Assumption College - 6
Boston College - 7
Bucknell University - 6
College of Holy Cross - 6
Cornell University - 9
Denison University - 8
Fordham University - 6
Franklin and Marshall College - 7
Hamilton College - 6
Hartwick College - 6
High Point University - 8
Hofstra University - 9
Ithaca College - 9
Johns Hopkins University - 6
Manhattanville - 6
Merrimack College - 9
Michigan State University - 8
Military Academies - 9
Nichols College - 6
Quinnipiac University - 6
Rochester Institute of Technology - 6

Siena College - 6
St. John's University - 7
SUNY Albany - 6
University of Arizona - 6
University of Hartford - 9
University of Massachusetts, Amherst - 6
University of Rochester - 8

## 3 to 5

American University - 3
American International College - 5
Bowdoin College - 4
Carnegie Mellon University - 5
Catholic University - 5
Central Connecticut University - 4
Colby College - 3
College of Charleston - 5
Concordia University (Canada) - 5
Dickinson College - 5
Drexel-3
Elmira College - 3
Fairfield University - 3
Florida Southern University - 3
Hartwick College - 4
Indiana University at Bloomington - 5
Lasell College - 3
Lehigh University - 4
Loyola University Maryland - 3
Louisiana State University - 3
Lynn University - 4
Mercyhurts - 3
Miami University, Oxford - 4
Monmouth - 4
New York University - 5
Nichols - 5
Northeastern University - 5
Northwestern University - 4
Pace University - New York - 3
Providence College - 5
Purdue University - 6

Queens University of Charlotte - 5
Roanoke College - 3
Rutgers University - 5
Saint Anselm College - 4
Saint Joseph's University - 3
Salve Regina - 3
Santa Clara University - 3
Seton Hall University- 3
Sewanee: The University of the South - 5
Skidmore College - 4
SUNY Geneseo - 3
Suffolk University - 3
Tufts University - 3
Tulane University - 3
Union College - 4
University of California, Berkeley - 4
University of California, LA - 5
University of California, San Diego - 6
University of Connecticut - 5
University of Delaware - 3
University of Illinois at Urbana - Champaign - 5
University of Lynchburg - 3
University of Massachusetts, Boston - 3
University of Miami (FL) - 3
University of Michigan - 3
University of Mississippi - 4
University of Rhode Island - 3
University of Richmond - 3
University of Scranton - 3
University of Southern California - 3
University of Tampa - 3
University of Wisconsin, Madison - 3
Virginia Tech - 3
Wesleyan University - 4
Whittier College - 5
Wofford College - 4

## Effort System

Trinity-Pawling is known for the Effort System, where the school's belief in effort is an ethos; the way we think and how we live. All great accomplishments begin with perseverance in the face of challenges. Effort is one important way we measure our students, not only in the classroom, but also as athletes, brothers, and school-citizens. Every six weeks, each student receives new effort grades. The faculty considers all aspects of each student's work: academics, dorm life, athletics, extracurricular involvement, campus service, and more. Students are then placed in Group 1 (highest) through Group 5 (lowest), depending on the commitment shown by a student to his peers, teachers, coaches, and most important, to himself.

## Headmaster's List

Trinity-Pawling recognizes its students who achieve excellent academic results coupled with outstanding citizenship as quantified by the Effort System. A student who achieves a term academic average of greater than 90 and an academic effort average of 1.99 or better earns a spot on the Headmaster's List. This list is the equivalent of a Dean's List and is compiled at the end of each term.

## PRACTICUM: Winter Projects, Global Collaborative Challenge, and the Senior Independent Project

The "Practicum" consists of three elements and is a graduation requirement. Trinity-Pawling wants her students to learn how to think using a multi-disciplined approach to problem-solving. Working collaboratively to understand an issue, learning how to give an oral presentation both as part of a group and as an individual, as well as learning how to ask the right questions when confronted with a challenge are critical $21_{\text {st }}$ century skills. Starting in 2015 Trinity-Pawling introduced a three-pronged, multi-dimensional practicum which engages every student in these learning skills.

## - Senior Independent Project

The Senior Independent Project gives students an opportunity to explore a passion that will be the subject of deeper study. In the spring of their junior year, each student is paired with a faculty member who works with him to identify an area of personal interest, and he is also paired with a graduate or friend of the School who has direct experience with the chosen area of interest. These relationships are designed to facilitate and guide a student's independent research on his chosen area of interest. Throughout the summer between his junior and senior year, the student is responsible for completing tasks that he and his faculty mentor identified during their work in the spring. During the fall term of senior year, each student creates a product that reflects his learning and engagement in his chosen area of interest. All students must present their products to two faculty members during the fall of their senior year. Inherent in this exercise is the challenge for each student to figure out how to creatively share his learning with an audience. The Senior Independent Project is graded as Pass or Fail.

Students may also choose to pursue a "Diploma with Distinction." Students who choose this route present to the entire school in the winter, building upon their presentation and making improvements based on input they receive from faculty following their fall presentation. Successful completion of the "Diploma with Distinction" will be reflected by a grade of High Pass on their transcript.

- Winter Project (See list below for course descriptions and departments teaching each class)

Students select from a broad range of course offerings which link two academic disciplines. Each project has two teachers and each student implements the tools from both teachers' disciplines to create a product that reflects his learning on the chosen topic. A student who does not find a course offering he likes is encouraged to create their own projects with the guidance of two teachers from different disciplines. Juniors are exempt from the Winter Project.

Each year's Winter Project is reported on the student's transcript as a number grade and given two academic credits. A Winter Project does not count towards distributional requirements needed to graduate.

## - Global Collaborative Challenge (See list below for 2018-19 topics)

In the winter term, the entire junior class and all new members of the senior class are placed into random groups of five. Each group selects a topic of national or global interest and using Design Thinking offers a solution through a twelve-minute collaborative presentation to an audience composed of faculty members and students. The group defends its position and is assessed on its ability to address the enormity of the global topic, the depth of research, the quality of the presentation, the collaborative nature of the presentation, and the group's defense of its presentation.

The Global Collaborative Challenge is graded as High Pass, Pass, Low Pass or Fail. This Practicum is reported on the student's transcript as HP, P, LP or F and given two academic credits if a High Pass, Pass or Low Pass.

## 2017-18 Winter Projects

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Aeneid: Writing and Recording an Aeneid Soundtrack - LANGUAGE/MUSIC
Art of Sketching: Telling a Story through Sketches - ART/ENGLISH
Artist: "Who Were These Artists Anyway?" - ART/ENGLISH
Chocolate Chip: Science Behind the Chocolate Chip Cookie - MATH/SCIENCE
Custom: Student Creates a Project with Two Faculty Members
Fisheries: Sustainable New England Fisheries - HISTORY/SCIENCE
Frisbee Golf Course: Frisbee Golf Course Design and Build around Campus - ART/MATH
Golf Course Design: Steps in Designing a Golf Course - ENGLISH/HISTORY
HeForShe: Sexuality in the 21st Century - ENGLISH/ETHICS
Hockey Broadcast: Producing and Webcasting Hockey Games - DIGITAL MEDIA/ENGLISH
Home: Home Through Travel, Sharing our culture - ENGLISH/THEOLOGY
Knitting for Charity: Knitting Preemie Hats for Charity - ETHICS/LANGUAGE
Mandarin Video: Video Showing a Football Playbook Narrated in Mandarin - HISTORY/LANGUAGE
Moneyball Football: A Fantasy Football Study - ECONOMICS/MATH
Negotiating: Negotiating, Persuading and Helping the School Community - ECONOMICS/MATH
Now: This is How you Get in the Now - ENGLISH/PHILOSOPHY
Pizza Oven: Building for the Community a Pizza Oven Next to the Pond- ART/LANGUAGE
PSA Creation: Multimedia Messaging to Build a Better Community - DIGITAL MEDIA/ENGLISH
Sketching Naturalist: Telling a Story through Sketches - ART/ENGLISH
Solar System: Building a Model - MATH/SCIENCE
Strategy Game Design: Chess to Catan, How to Create, Design and Make a Board Game - MATH/SCIENCE
South Africa: South Africa Service Trip - ENGLISH/HISTORY
Virtual Tour: Building a Virtual Computer Campus Tour for Website- COMPUTER SCIENCE/ENGLISH
War Planes: Comparison of Air Warfare between WWI and WWII
Williamsburg: Examining Colonial Williamsburg's Architectural History - ART/HISTORY
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## 2018-19 Winter Projects

Admissions Video: Admissions Video/Lip Dub Over Song for the School's Website - DIGITAL MEDIA/ENGLISH
Bookbinding: Designing a Cover and then Making a Book - HISTORY/LANGUAGE
Bridges: How to Build Them so They Do Not Fall Down - MATH/SCIENCE
Card Game: Creature Chaos Card Game - ART/MATH
Chinese Mythology: Chinese Mythology - ENGLISH/LANGUAGE
Code of Conduct: Writing for Athletes and Coaches a Code of Conduct Handbook - ETHICS/SCIENCE
Cost-Benefit: Fiscal Analysis of the Future of School's Athletic Fields - ECONOMICS/MATH
Custom: Student Creates a Project with Two Faculty Members
Dominican Republic: Dominican Republic Service Trip - LANGUAGE/THEOLOGY
Earth Day: Organizing an All-School Service Event - SCIENCE/THEOLOGY
Fly Rod: Building and Learning How to Use a Fly Rod - HISTORY/SCIENCE
Gym User Video: Instructional Safety Video Showing How the New Gym Equipment Works - DIGITAL MEDIA/ENGLISH
Knitting for Charity: Knitting Preemie Hats for Charity - ETHICS/LANGUAGE
Literary Magazine: Literary Magazine: Writing and Publishing - ART/ENGLISH
Math as Art: The Perfect Form of Art - MATH/SCIENCE
Memory Project: Portraits Made for Children Living as War Refugees - ART/THEOLOGY
Motherboard: Motherboard Construction: Dive into Raspberry Pi - COMPUTER SCIENCE/HISTORY
Music Battle: Socioeconomic Competition: Country Versus Rap - ENGLISH/HISTORY
Music Video: Writing, Producing and Showing a Video - DIGITAL MEDIA/MUSIC
Nuclear Power: How Do You Close Indian Point - HISTORY/SCIENCE
Science Fiction: Illustrating "Fantastic Beasts" and Writing a Short Story about the Creature - ART/ENGLISH
Solar System: Building a Model - HISTORY/MATH
Surf Board: Building a Surf Board - ART/ENGLISH
Yearbook: Photography, Layout and Writing for the Yearbook - ENGLISH/PHOTOGRAPHY

## 2019-20 Winter Projects

(Topic as shown on transcript, Course Description, Two Academic Departments involved)
Board Game: Designing an original board game - ART/MATH
Building an Electric Skateboard: Designing and building a motorized skateboard - ART/SCIENCE
Build a Computer: Building a new computer by assembling old parts - COMPUTER SCIENCE/MATH
Calligraphy: Learning the art of Chinese calligraphy - ART/LANGUAGE
Chinese Mythology: Learning about Chinese Mythology and presenting to the school - ENGLISH/LANGUAGE
Cleaning the Pond: Taking a community poll about possible uses, looking to restock the pond, raise the water level and put in a second aerator - MAINTENANCE /SCIENCE
Droppin' Stuff: Looking at the different properties of different object dropped from five stories using video - ART/MATH
Eighth Army (8тн Army): Doing original research on the 8th Army in WWII - HISTORY/MATH
Moneyball Effect: Looking at the economics of professional baseball - ENGLISH/MATH
Music Video: Writing, arranging and performing an original song and making a video - ART/MUSIC
Organize Rec Sports: Looking at ways to improve the recreational sports program with new activities - ART/MATH
Original Play: Assisting a senior who put on an original production about depression called A TrainTthrough the Dark - DRAMA/ENGLISH
Publishing a Book On-Line: Figuring out how to self-publish with Amazon - ENGLISH/LANGUAGE
Race \& Gender: Looking at the bias in films against minorities and women - ENGLISH/HISTORY
Rhythm: The beat within us. Building meini drum boxes and performing for the school - ECONOMICS/MUSIC
Scotland/Ireland: Reading about and preparing for spring break trip to Scotland and Ireland (cut short for Coronavirus) - ENGLISH/LANGUAGE
Ship Design: Building a model ship from the "log to a cruise" - ART/HISTORY
Warm-Up Am. Project: Knitting caps and quilts for infants at Putnam Hospital - LANGUAGE/READING
Woodworking by Hand: Building cutting boards from milling the wood, planning it and then cutting, sanding and curing a cutting board. ART/LANGUAGE

## 2018-19 Global Collaborative Challenge topics

## (Topic's title as shown on transcript)

\#Me Too: Has the \#MeToo movement gone too far?
Affirmative Action in Education: Should colleges consider race when admitting students?
Athletes' Drug Policy: Should professional athletes who play in states, or nations (Canada), that have legalized marijuana be allowed to use the drug?
Athletes' Legalities: Make a stance and defend a policy for professional athletes addressing off the field legal issues?
FDA: Should the FDA be able to fast track drugs?
Healthcare: Is healthcare a right or privilege?
Immigration: What should the U.S. policy be towards the Central American immigration question?
Kapernick: What is the legacy of Colin Kaepernick's protest?
Mandatory Sentencing: Are mandatory prison sentences good public policy?
Mass Shootings: How would you solve the epidemic of mass shootings in the United States?
Plastic Bags: If you are the executive team of a supermarket in 2018, how would you plan to go "bagless" by 2025 ?
Plastic Pollution: How do we solve the global problem of disposing of plastic?
Polio: How do you eradicate polio?
Rhetoric: Does rhetoric matter?
Snowden: Is Edward Snowden a hero or traitor?
Torture: Is torture ever justified?
United Nations: Does the model of the U.N.'s National Security Council still make sense in 2018?
Voter Turnout: How would you solve the issue of declining voting in recent elections?

## 2019-20 Global Collaborative Challenge topics

\#Me Too: Has the \#MeToo movement gone too far?
Affirmative Action in Education: Should colleges consider race when admitting students?
Climate Change: How does one attack climate change while balancing social inequities
Combat Veterans: How would you improve benefits for veterans?
Disposal of Plastics: How do we solve the global problem of disposing of plastic?
Electoral College: Should we keep, modify or do away with the electoral college?
Equity: How can you achieve equity in Olympic payments for men and women?
Great Garbage Patch: How does the world cleanup and solve the great Pacific garbage patch?
Gun Violence: How would you solve the epidemic of mass shootings in the United States?
Healthcare: Is healthcare a right or privilege?
Immunization: Should immunization be mandatory or voluntary?
Impeachment: nIs impeachment political or judicial?
Jerusalem: Should Jerusalem be the capital of Israel?
Mars: Is it worth exploring or not?
NATO: Has it outlived its usefulness?
NCAA Reconcile with California Law: How can the NCAA operate within the new California law nationwide?
Social Media: Should social media platforms be responsible for content?
Term Limits: Should federal legislators have term limits?
Torture. Is torture ever iustified?


