




WEST
VANCOUVER
SCHOOLS

A world of opportunity

- The Advanced Placement Program at Sentinel Secondary School
- January 18th, 2022

History of the AP Program

- The AP Program began in 1951 with a study by three universities
 - Harvard
 - Princeton
 - Yale
 - And three high schools
 - Andover
 - Lawrenceville
 - Exeter
- 
- The background of the slide features several sets of concentric circles in a lighter blue shade, resembling ripples on water. These circles are positioned in the lower right quadrant and are of varying sizes and opacities.

The Three School-Three College Study

- From the Three School-Three College Study the Kenyon Plan evolved.
- It involved the cooperation of 12 colleges and 26 high schools.
 - 1953, faculty members from the schools and colleges outlined the AP courses
 - September 1953, 11 AP subjects were being taught
 - Spring, 1954, the first AP examinations were given
 - Exams were created by faculty committees from the high schools and colleges, aided by consultants from Educational Testing Services in Princeton
- 1956, the College Entrance Examination Board assumed responsibility for the AP Program and the examinations.
- Educational Testing Services was given responsibility for administering the examinations.

AP: A Collaboration Between Universities, Schools, and the College Board

Colleges/Universities

- Provide credit and/or advanced placement
- Participate in the development of the courses and exams

Schools

- Submit course syllabi for College Board audit and authorization to teach AP courses
- Teach the courses
- Administer the exams
- Participate in the development of the courses and exams

The College Board

- Coordinates the development of the courses and exams
- Prints and distributes course materials, administrative materials, and the exams
- Scores the exams
- Reports results to colleges, students, schools, districts, and states
- Provides resources to enable teachers, counsellors, and administrators to provide AP opportunities (example: AP Central web site: professional development materials)

Basic Tenets of the Advanced Placement Program

- “The best place for a schoolboy or schoolgirl is in school.”
- “High-school students were ready and able to undertake the challenge of college-level work.”
- “The best teachers of adolescent boys and girls are to be found in the secondary schools.”

(Kenyon Plan Report, 1956)

College Board's Equity and Access Statement

All students who are willing to accept the challenge of a rigorous academic curriculum should be considered for admission to AP courses.



What does the AP Program do?

The Advanced Placement Program enables students to pursue college/university-level studies while in high school.

Based on the students' performance on rigorous AP examinations, they can earn credit, advanced placement, or both, for college/university.

Benefits of the Advanced Placement Program

- Students can select courses that interest them in Grades 10, 11, and 12 – there is no set package of mandatory courses.
- Students can explore advanced topics and study them in greater depth.
- Students develop advanced skills and form disciplined study habits.
- Students build confidence in their capability to succeed in university coursework.
- Students have more opportunities to earn awards and scholarships and increase their chances of university admission.
- Students who are successful in their Advanced Placement examinations can be granted university credit and/or advanced standing which could result in possible tuition savings, flexibility in university course choices, and early entry to graduate/professional schools.

Students Who Participate in the AP Program



Are twice as likely to go into post-secondary study.



Outperform their peers in university courses.



Are more likely to take university courses in their AP subjects.



Are more likely to choose challenging majors.



Are more likely to graduate with a double major.

Pre-AP Course Offerings

Grade 10 (Pre-AP courses started in September 2004)

- Pre-AP Literary Studies and Composition 10 (LTST 10 & CMPS 10)
- Pre-AP Foundations of Mathematics and Pre-calculus 10 (FMP 10)
- Pre-AP Science 10 (SC 10)

*AP Capstone Program -
Implemented in September 2014*

At Sentinel AP Capstone Seminar (Gr. 11) was 1 of 11 schools in BC, 28 in Canada, and 1,154 Globally.

Grade 11

- AP Art 11 (VAST 11)
- AP Life Sciences 11 (LFSC 11)
- AP Chemistry 11 (CH 11)
- AP Literary Studies 11 (LTST 11)
- AP Physics 1 (APPHH 11)
- AP Pre-calculus 11 (PREC 11)

AP Research (Gr. 12) (2015) was 1 of 8 schools in BC, 23 in Canada, and 586 globally.

AP Capstone Diploma

- The AP Capstone program is a two-course sequence of AP Seminar and AP Research that allows students to explore real-world issues while developing analytic, research, problem-solving, and communication skills.
- AP Seminar (Grade 11)
 - Team Project & Presentation
 - Research-Based Essay & Presentation
 - Written Exam

AP Research (Grade 12)

- Academic Thesis
- Public Presentation & Defense

4 AP courses & exams taken at any point throughout high school, and scores of 3 or higher on the AP Seminar and AP Research exams, award students the AP Capstone Diploma. This signifies outstanding achievement and attainment of college/university-level academic and research skills.

College Board's AP Capstone Diploma Testimonials

Sentinel Graduates comment on their experiences in the
AP Capstone Diploma Program

- Sarah Lavallée (2018)
- Jade Szymanski (2016)
- Hank Lendvoy (2017)
- Tiger Hao (2017)

<https://www..com/watch?v=4uZk2v5DMi4&feature=youtu.be>


(2.5 mins)

<https://www.youtube.com/watch?v=UV9ovDojNlw&feature=youtu.be>

(1.5 mins)

Sentinel Offers 21 Courses with Portfolios or Exams

AP 2-D Art and Design 12
AP 3-D Art and Design 12
AP Drawing 12
AP Biology 12
AP Calculus AB 12
AP Calculus BC 12
AP Chemistry 12
AP Chinese Language & Culture 12
AP Computer Science A
AP Computer Science Principles 12
AP English Language and Composition 12
AP English Literature and Composition 12
AP French Language and Culture 12
AP Human Geography 12
AP Japanese Language and Culture 12
AP Physics 1
AP Physics 2
AP Psychology 12
AP Research 12
AP Seminar 11
AP Statistics 12



Pre-AP Course Offerings for Grade 10 Students

Courses	Codes	Credits
Pre-AP English 10: Literary Studies 10 & Composition 10	LTST 10 CMPS 10	2 credits + 2 credits
Pre-AP Foundations of Mathematics and Pre-calculus 10	FMP 10	4 credits
Pre-AP Science 10 or Pre-AP Sciences 10 (French Immersion)	SC 10 SCF 10	4 credits 4 credits
AP Art 11 (Art Studio 11)	VAST 11	4 credits

Pre-AP Course Offerings for Grade 11 Students

Courses	Codes	Credits
AP Art 11 (Art Studio 11)	VAST 11	4 credits
AP Life Sciences 11	LFSC 11	4 credits
AP Chemistry 11	CH 11	4 credits
AP Literary Studies 11	LTST 11	4 credits
AP Physics Honours 11 (AP exam written after AP Physics 12)	APHH 11	4 credits
AP Pre-calculus 11	PREC 11	4 credits
AP Capstone Seminar 11 (AP exam required)	APCS 11	4 credits

AP Course Offerings for Grade 11s and 12s

Courses	Codes	Credits
AP 2D Art and Design 12	A2DP 12	4 credits
AP 3D Art and Design 12	AP3DP 12	4 credits
AP Drawing 12	ASAD 12	4 credits
AP Biology (Anatomy and Physiology 12 Blended Learning (BL) taken concurrently)	ABIO 12 ATPH 12	4 credits & 4 credits
AP Calculus AB 12 (Calculus 12 curriculum completed)	ACAL 12 CALC 12	4 credits & 4 credits
AP Calculus BC 12 (Students must have completed AP Calculus AB)	ACAL 12A	4 credits
AP Chemistry 12 (Chemistry 12 BL taken concurrently)	ACHE 12 CH 12	4 credits & 4 credits
AP Chinese Language & Culture 12	ACLC 12	4 credits
AP Computer Science 12A	ACSC 12A	4 credits
AP Computer Science Principles 12	ACSP 12	4 credits

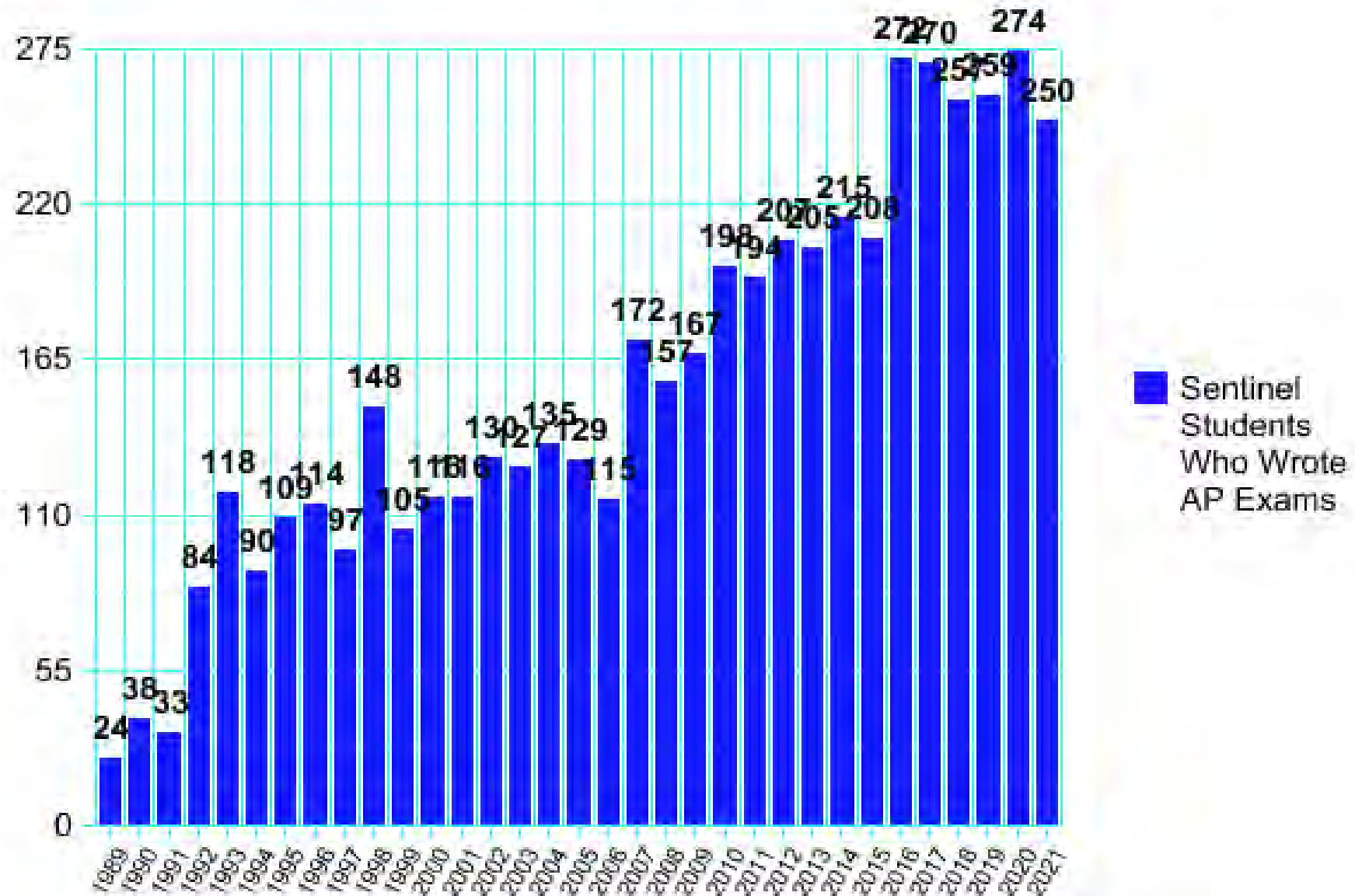
AP Course Offerings for Grade 11s and 12s

Courses	Codes	Credits
AP English Language & Composition 12	AEN 12	4 credits
AP English Literature & Composition 12 (English 12 curriculum completed)	AELC 12 EN 12	4 credits 4 credits
AP French Language & Culture 12 (Français langue 12 & French 12 curriculum completed)	AFRL 12 FRAL 12 FR 12	4 credits 4 credits 4 credits
AP Human Geography 12	AHG 12	4 credits
AP Japanese Language and Culture 12	AJLC 12	4 credits
AP Psychology 12	APSY 12	4 credits
AP Physics Honours 12 (Physics 12 BL taken concurrently)	APHH 12 PH 12	4 credits 4 credits
AP Capstone Research 12	APCR 12	4 credits
AP Statistics 12	ASTA 12	4 credits

Sentinel's Advanced Placement Exams

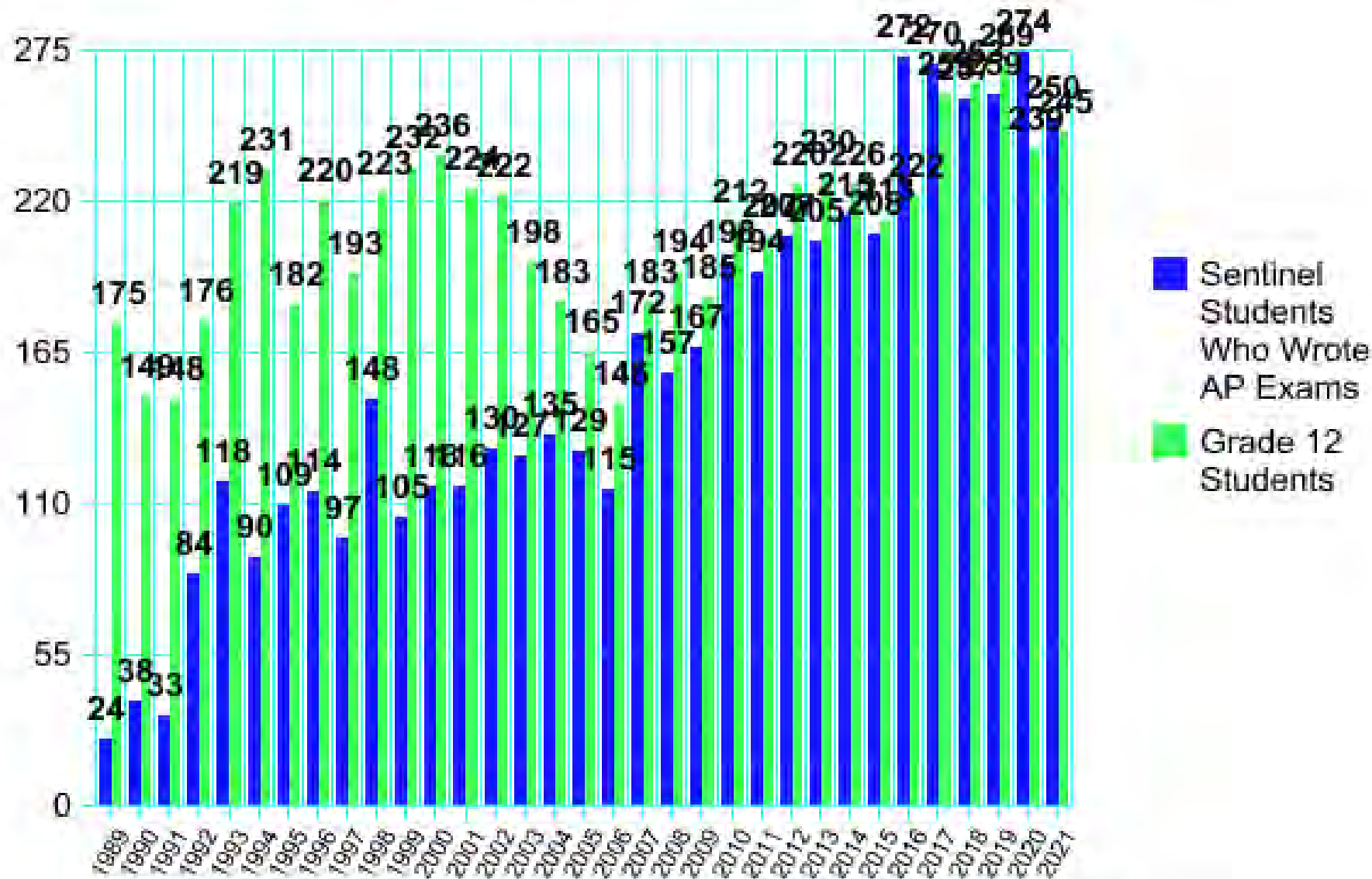
- Students complete their AP courses at Sentinel by writing their AP exams in May.
- Only students who complete their AP courses at Sentinel are permitted to write the AP exams at the school.
- Students cannot write an AP exam at Sentinel without having taken the course.
- Students who register with another school to write an AP exam for a course they are not taking at Sentinel must not use Sentinel's College Board code but rather the homeschool one which is **998299**.

Number of Sentinel Students Who Wrote AP Exams from 1989 - 2021

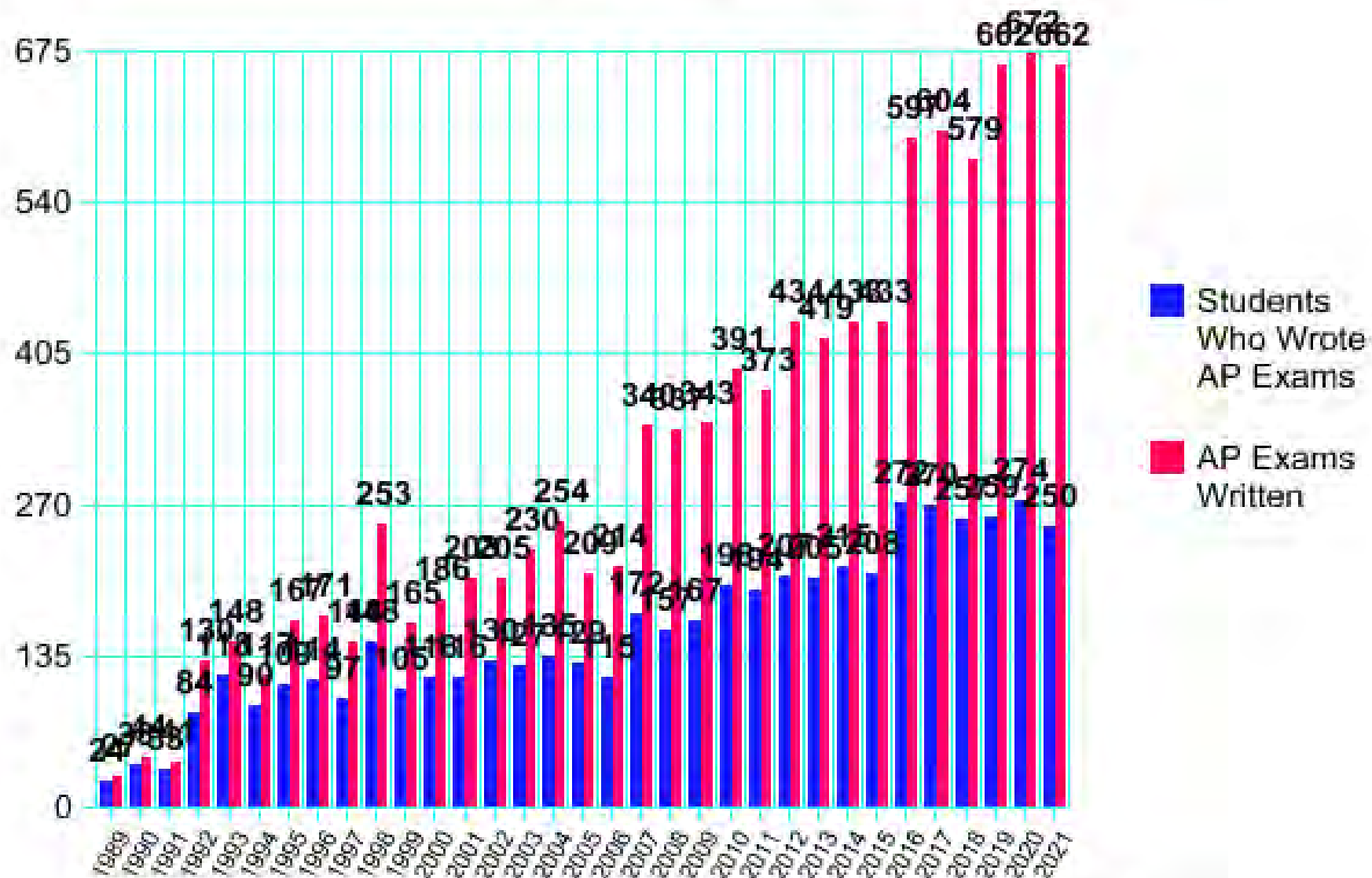


Kathy Grant - Sentinel Advanced Placement Program

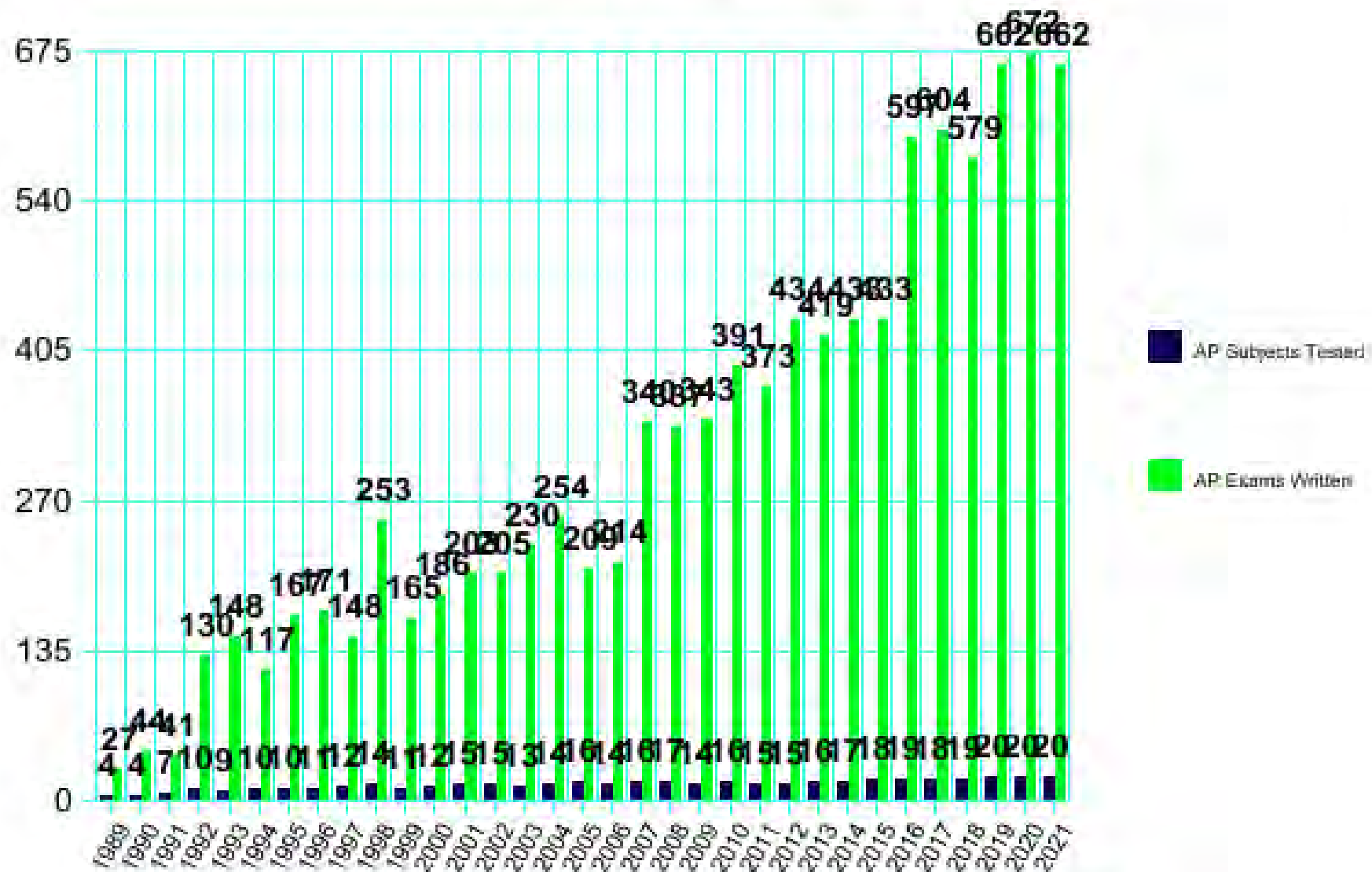
Number of Sentinel Students Who Wrote AP Exams from 1989 - 2021 in Relation to Number of Students in Grade 12



Sentinel Students Who Wrote AP Exams and Number of AP Exams Written 1989 - 2021



Number of AP Exams Written in Relation to Number of AP Subjects Tested 1989 - 2021



A Guiding Principle of the Advanced Placement Program

“Education could be improved best
by strengthening the secondary
schools.”

(Kenyon Plan Report, 1956)



AP Examination Grades

- Each AP examination grade is a weighted combination of the student's scores on the multiple-choice section and the free response section.
- The final grade is reported on a 5-point scale. A score of 3 or higher indicates success on the AP exam.
 - **5 = extremely well qualified**
 - **4 = well qualified**
 - **3 = qualified**
 - **2 = possibly qualified**
 - **1 = no recommendation**

Achievement of Sentinel Students on the Advanced Placement Examinations – 2020

(Scores for 2021 are not available at this time)

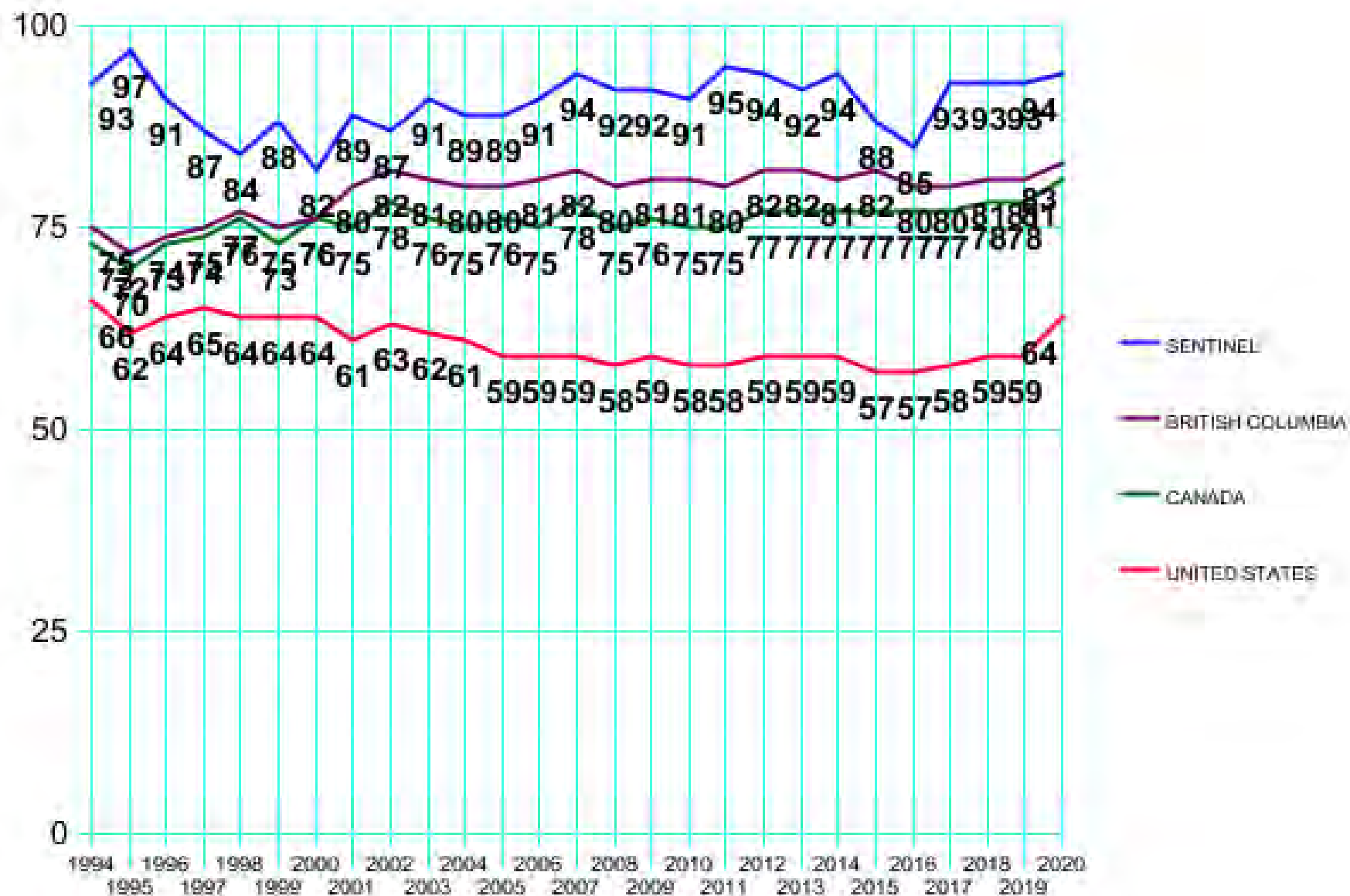
➤ Average scores out of 5

Sentinel	British Columbia	Canada	United States
4.00	3.70	3.62	3.01

➤ Percentage of grades 3 or higher

Sentinel	British Columbia	Canada	United States
93.8	82.9	80.9	63.8

Percentage of Grades 3 or Higher



Participation in Advanced Placement May 2021

	Examinations	Students	Schools
Globally	4,578,302	2,548,228	22,802
Canada	27,958	17,417	496
British Columbia	11,942	~7,200	134
Sentinel School	662	250	1

Advanced Placement and International Baccalaureate

May 2021 - Worldwide

	Advanced Placement	International Baccalaureate
Schools with examinations	22,802	3,073 (Diploma Program)
Candidates examined	2,548,228	165,884
Examinations written	4,578,302	640,577 (HL & SL)

Advanced Placement Transcript Records

- Upon completion of their Advanced Placement courses and AP exams students receive grades on their report cards and official transcripts for both the AP course and the BC Ministry of Education course that they were taking concurrently through Blended Learning.
- If a student is taking AP Chemistry 12 and Chemistry 12 Blended Learning (BL), both courses with final marks appear on the transcript.

AP Chemistry 12	92%	A
Chemistry 12	90%	A

- The students' AP exam scores do not appear on their transcripts.

Graduation Transcript Course Listings

FRANCAIS LANGUE SECONDE-IMMERSION 11	FRAL 11		2018/06
PRE-CALCULUS 11	PREC 11		2018/03
SOCIAL STUDIES 11	SS 11	5	2018/11
AP BIOLOGY 12	APBIO 12		2019/06
AP CALCULUS AB 12	APCAL 12		2018/06
AP CALCULUS BC 12A	APCAL 12A		2019/06
AP CHEMISTRY 12	APCHE 12		2019/06
AP FRENCH LANGUAGE 12	APFRL 12		2019/06
AP PHYSICS 2 HONOURS 12	APPHH 12		2019/06
AP STATISTICS 12	APSTA 12	7	2019/06
BIOLOGY 12	BI 12		2019/06
CALCULUS 12	CALC 12		2018/06
CHEMISTRY 12	CH 12		2019/06
CORE FRENCH 12	FR 12		2019/06
ENGLISH 12	EN 12	3	2019/06
FRANCAIS LANGUE SECONDE-IMMERSION 12	FRAL 12		2019/06
PHYSICS 12	PH 12		2019/06
PRE-CALCULUS 12	PREC 12		2018/06
GRADUATION TRANSITIONS	GT	13	2019/06
LITERACY ASSESSMENT ENGLISH	LTE	15	
NUMERACY ASSESSMENT	NME	16	2018/06
*** End of Course/Assessment List ***			

COURSES MAY HAVE BEEN COMPLETED AT SCHOOLS OR INSTITUTIONS OTHER THAN THE STUDENT'S CURRENT SCHOOL OF RECORD AS NO

Based on the information provided by the school, this student has gr
Graduation date: June 2019. T

Highlights of the May 2021 Examination Session

- **Sentinel students achieved scores of 5 (the highest mark) in 43% of the AP examinations they wrote.**
- **Sentinel students achieved scores of 4 or 5 on 71% of their examinations.**
- **92% of the exams that Sentinel students wrote had scores of 3 or higher.**
- **92.5% of Sentinel's AP students achieved scores of 3 or higher on their exams.**
- **64.3% of Grade 12 students scored 3 or higher on at least one AP exam during high school.**
- **54.8% of Grade 12 students scored 3 or higher on at least one AP exam in their Grade 12 year.**
- **In AP Studio Art, 33 portfolios were submitted for evaluation: 100% of them had scores of 4 or 5; 82% of them had scores of 5.0. The average score was 4.82 out of 5.0.**

Sentinel Students' Perfect Scores

Name	Subject	# of Perfect Scores Worldwide
Taliya Jamal (2015)	AP 2D Art and Design	1 of 7 students out of 28,697
Yihao Li (2018)	AP Capstone Research AP Drawing Multiple Exams	1 of 111 students out of 10,052 1 of 18 students out of 21,295 1 of 4 students in the world to achieve perfect scores on multiple exams in 2018

2021 - Sentinel Students' Perfect Scores in Art

Name	Subject	# of Perfect Scores Worldwide
Nicholas Agafontsev	2-D Art and Design	1 of 152 students out of 34,509
Mingyu Du	Drawing	1 of 219 students out of 18,096
Gabrielle Gratton	3-D Art and Design	1 of 46 students out of 4,573
Jade Hirji	3-D Art and Design	1 of 46 students out of 4,573
Jack Jiang	2-D Art and Design	1 of 152 students out of 34,509
Heidi Wilson	2-D Art and Design	1 of 152 students out of 34,509
Xu Yang Wu	Drawing	1 of 219 students out of 18,096

Costs of the Advanced Placement Program

- No application fees to offer AP courses in school
- No participation fee for school to run AP courses
- \$96 USD for each AP examination a student takes
- To cover the costs related to the administration of the AP exams
Sentinel students are charged \$135 CAD (this covers the exam fee
the cost of additional invigilators, and other exam-related costs).

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