



South Orange & Maplewood School District: CHS Data

CHS Honors & Achievement

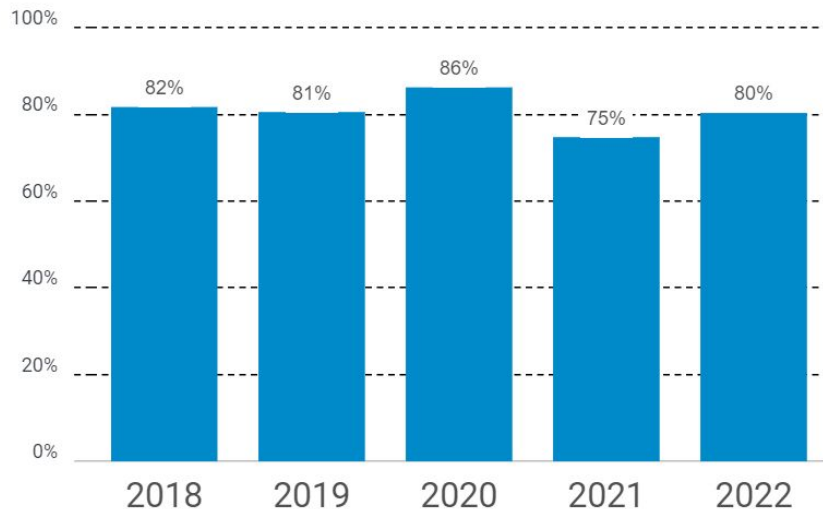
- 25% of all students made the 4th marking period HONOR ROLL
- An additional 15% of students made the 4th marking period HIGH HONOR ROLL
- 6% of the students made the PRINCIPAL'S LIST
(High Honor Roll for the entire year -- all 4 quarters!)
- 22 students will be recognized by the National Merit Scholarship Corporation (Last year we had 16 including Commended & Semi-Finalists)



CHS Honors & Achievement: AP SCORES



% OF TOTAL AP STUDENTS WITH SCORES 3+



SCHOOL SUMMARY

	2018	2019	2020	2021	2022
Total AP Students	687	667	637	617	614
Number of Exams	1,158	1,118	1,112	1,093	1,140
AP Students with Scores 3+	561	537	549	461	493
% of Total AP Students with Scores 3+	81.66	80.51	86.19	74.72	80.29

CHS Honors & Achievement: AP SCORES

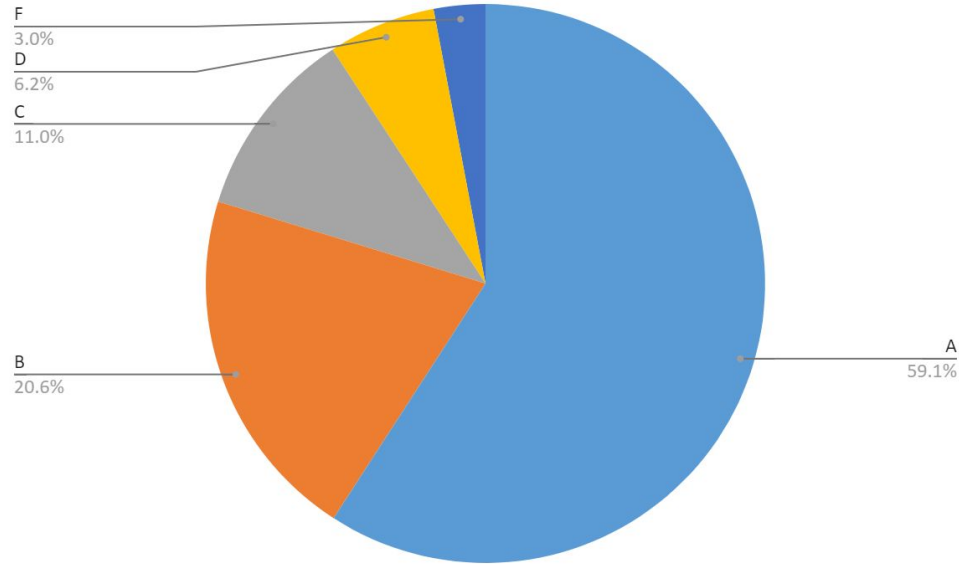
Scholar Summary (Total Scholars: 219; Average Score: 3.97)

	AP Scholar	AP Scholar with Honor	AP Scholar with Distinction
Number of Scholars	89	49	81
Average Score	3.48	3.98	4.30

- In 2020, we had 231 scholars with 4.06 average (all online)
- In 2021, we had 251 scholars with 3.93 average (mostly online)

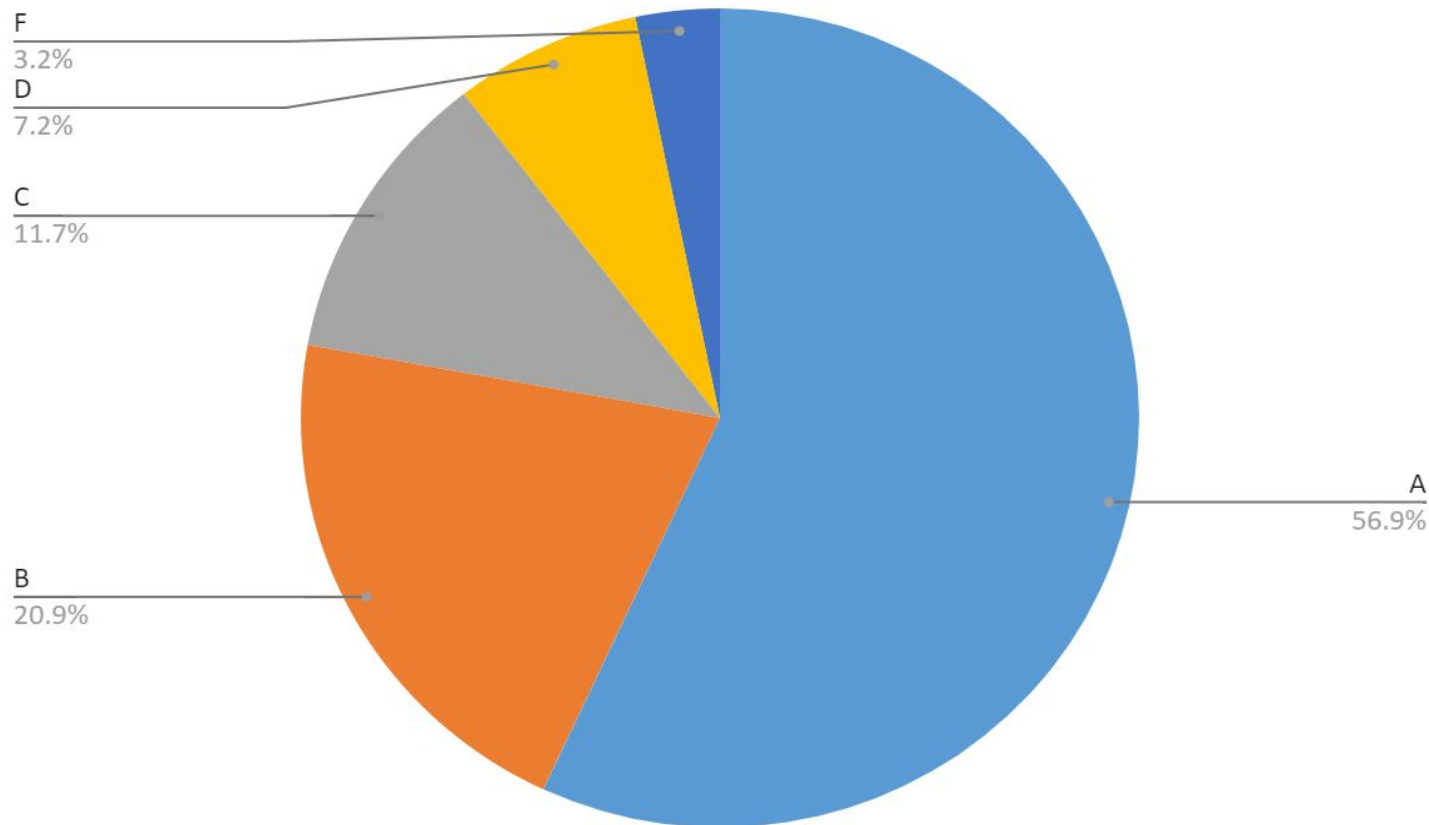
CHS 4th MP Breakdown of Grades

131 Students
Failed 1x Class

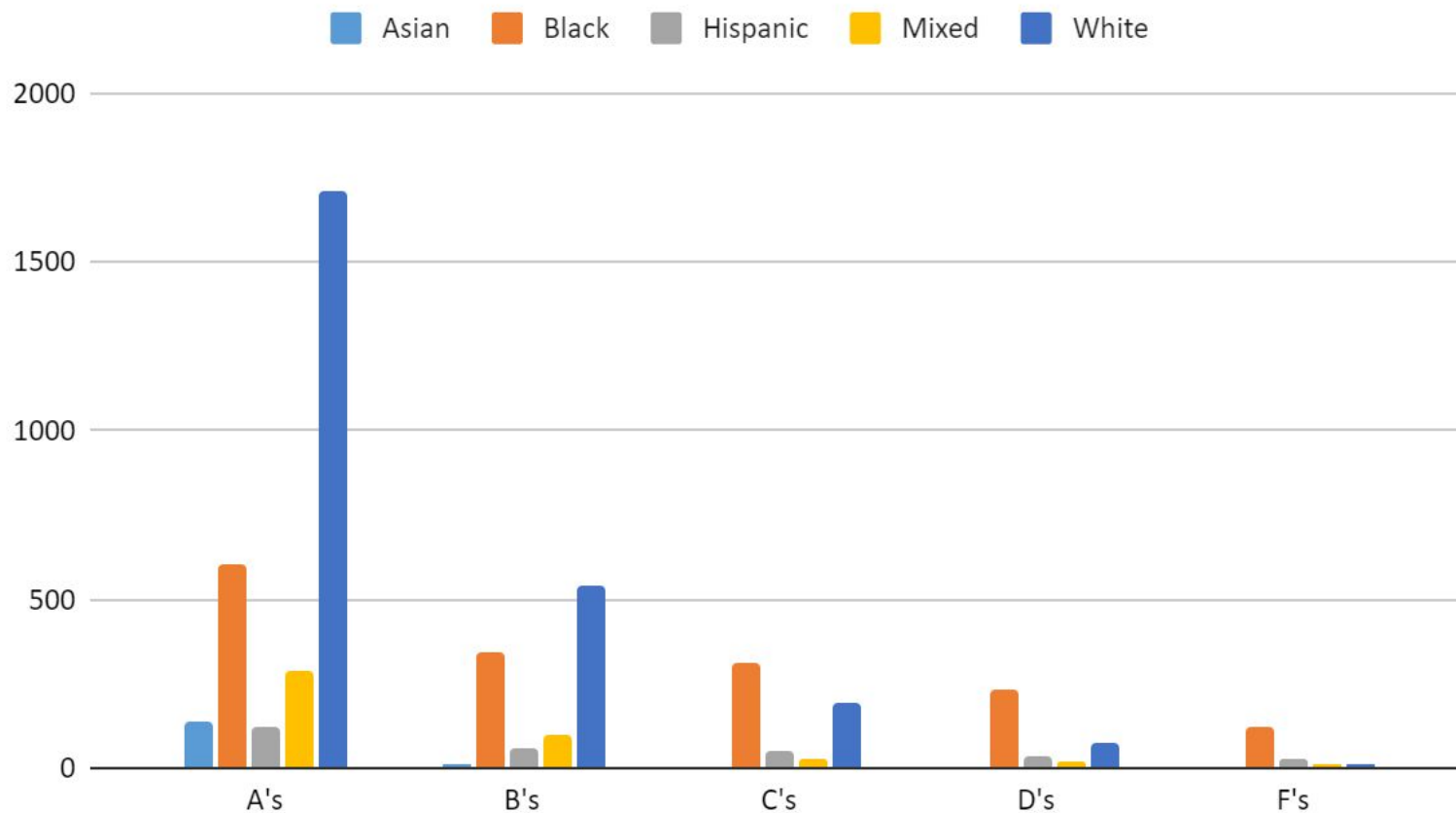


A	B	C	D	F
10808	3765	2019	1139	545

CHS Grades Breakdown - 9th Grade

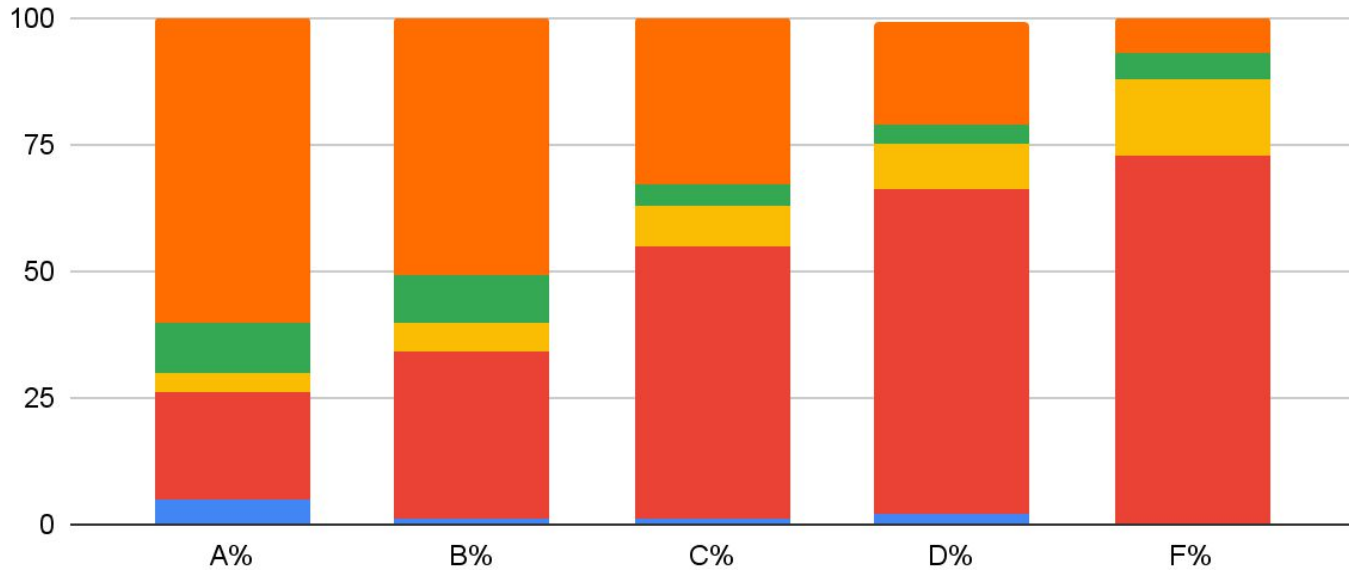


9th Grade - Grades By Ethnicity



9th Grade Breakdown by Percentage

White Mixed Hispanic Black Asian

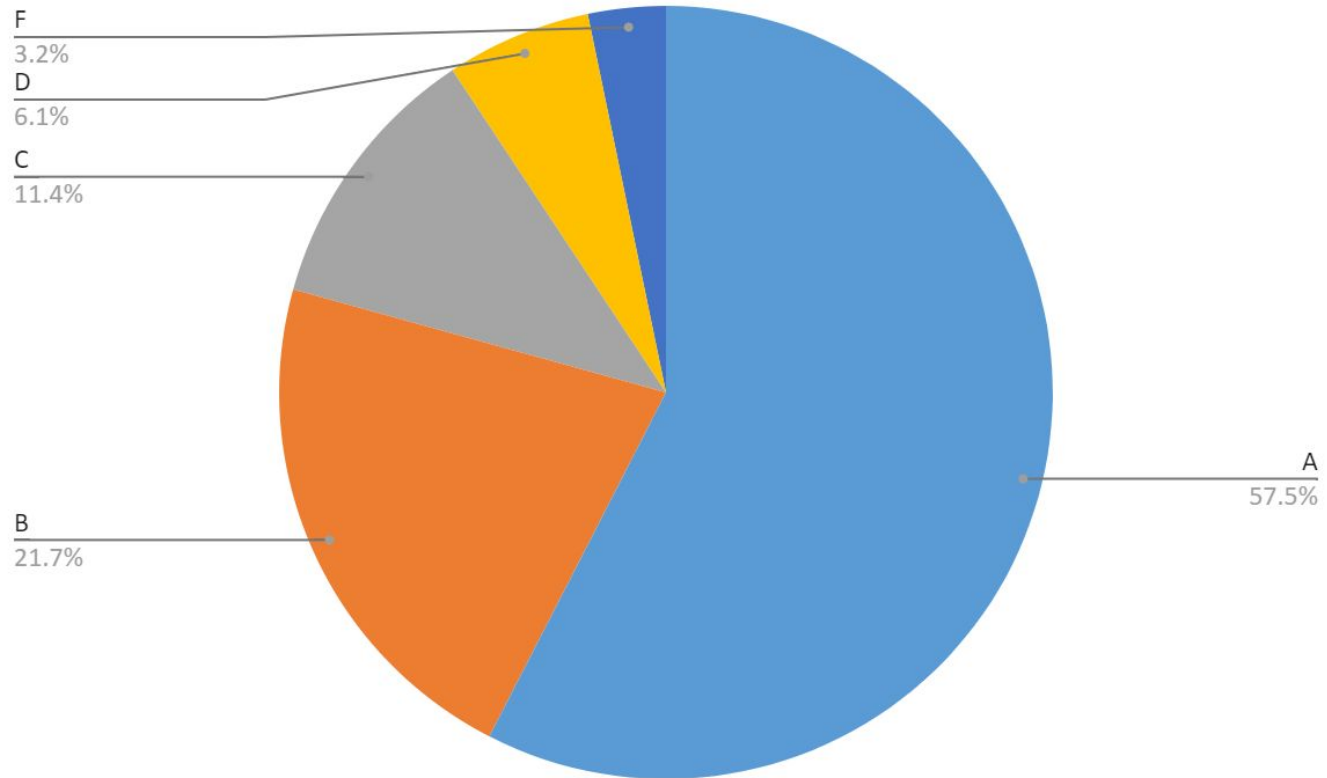


ETHNICITY	%
White	51
Black	32
Hispanic	8
Mixed	5
Asian	4

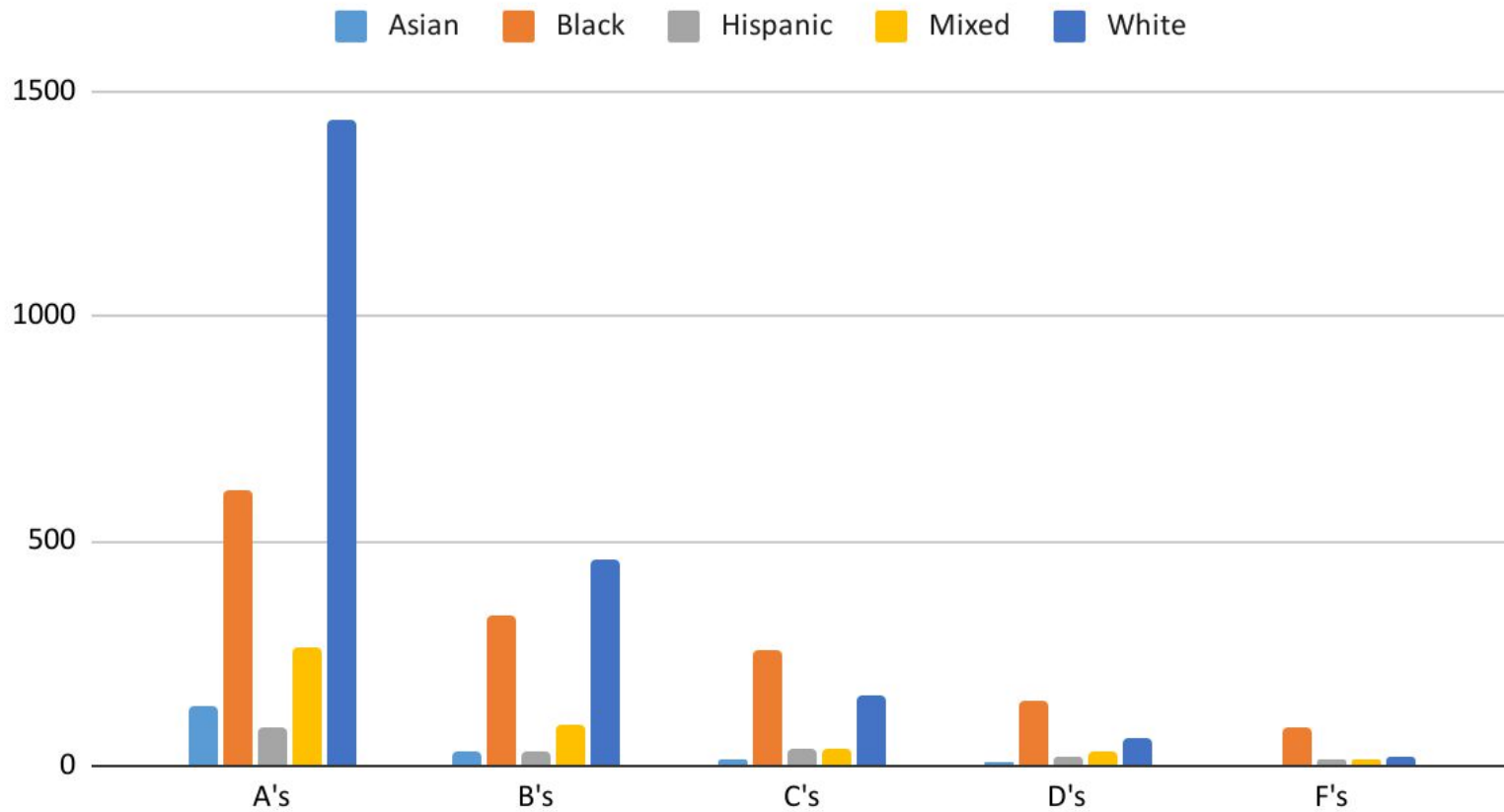
ETHNICITY	A%	B%	C%	D%	F%
Asian	5	1	1	2	1
Black	21	33	54	64	73
Hispanic	4	6	9	9	15
Mixed	10	9	4	4	5
White	60	51	33	20	7



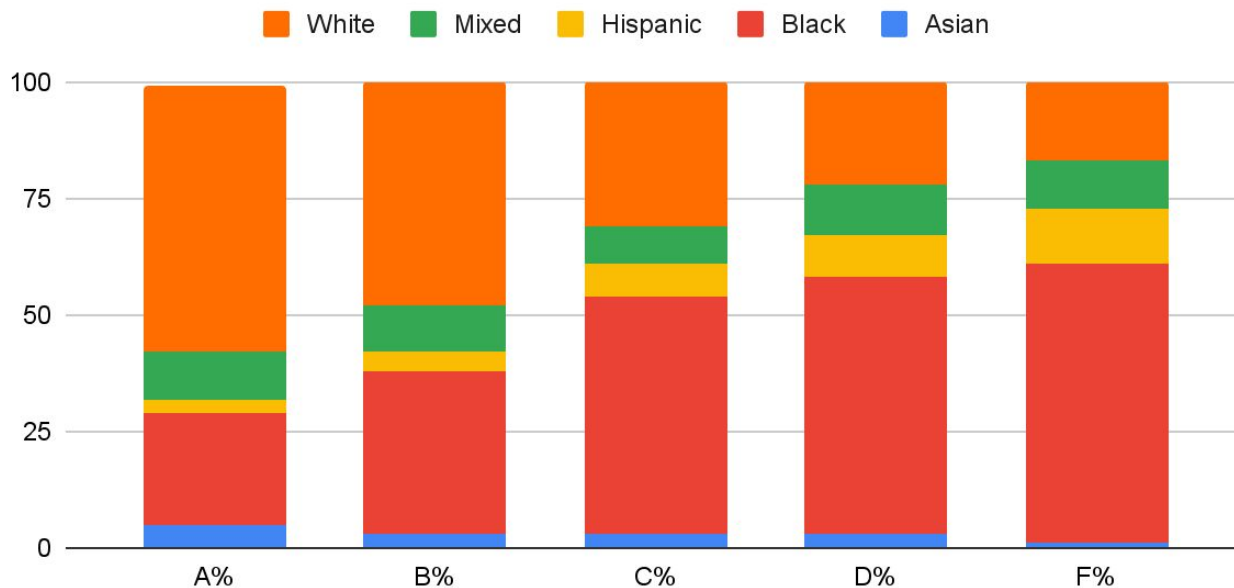
CHS Grades Breakdown - 10th Grade



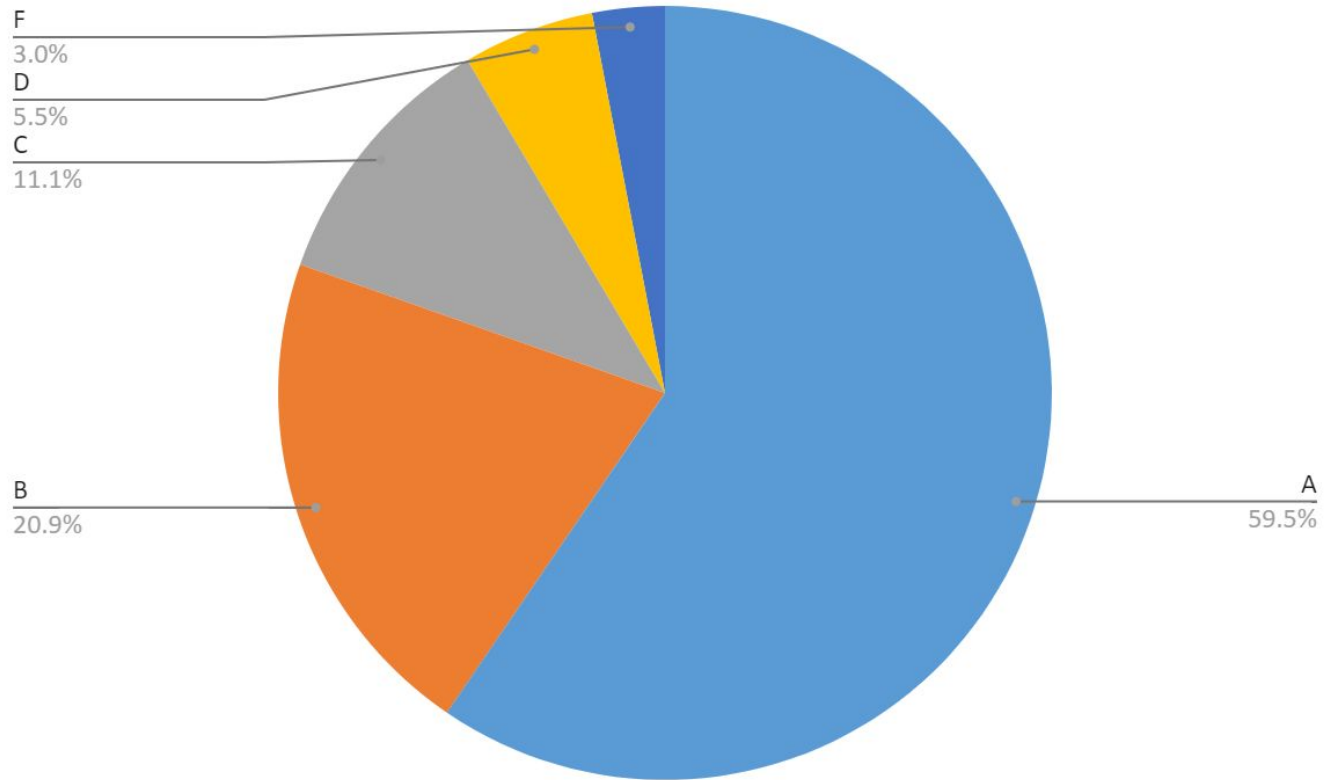
10th Grade - Grades by Ethnicity



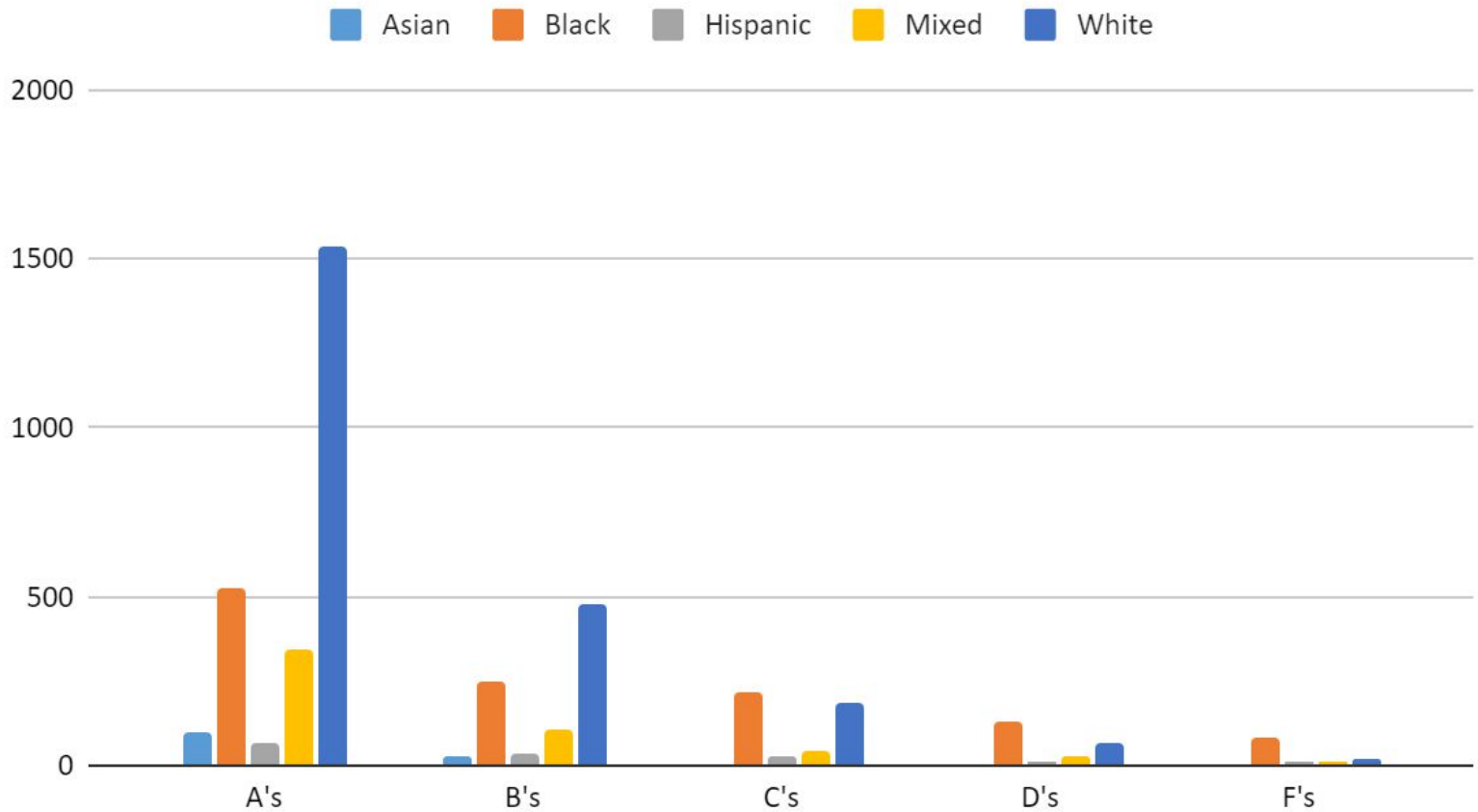
10th Grade Breakdown by Percentage



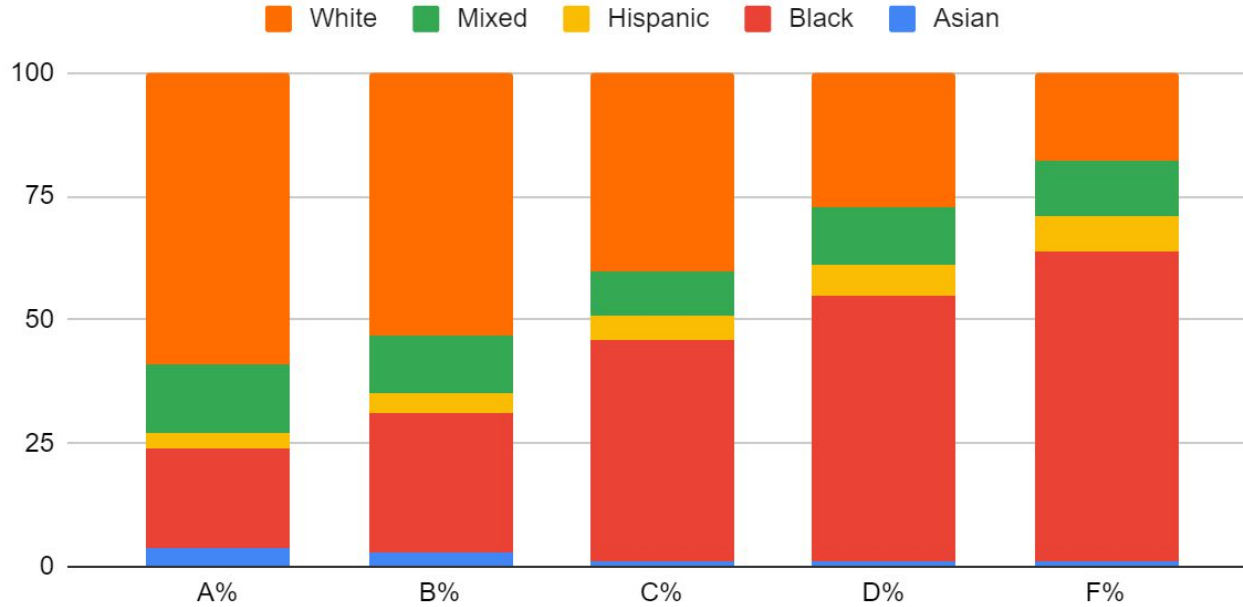
CHS Grades Breakdown - 11th Grade



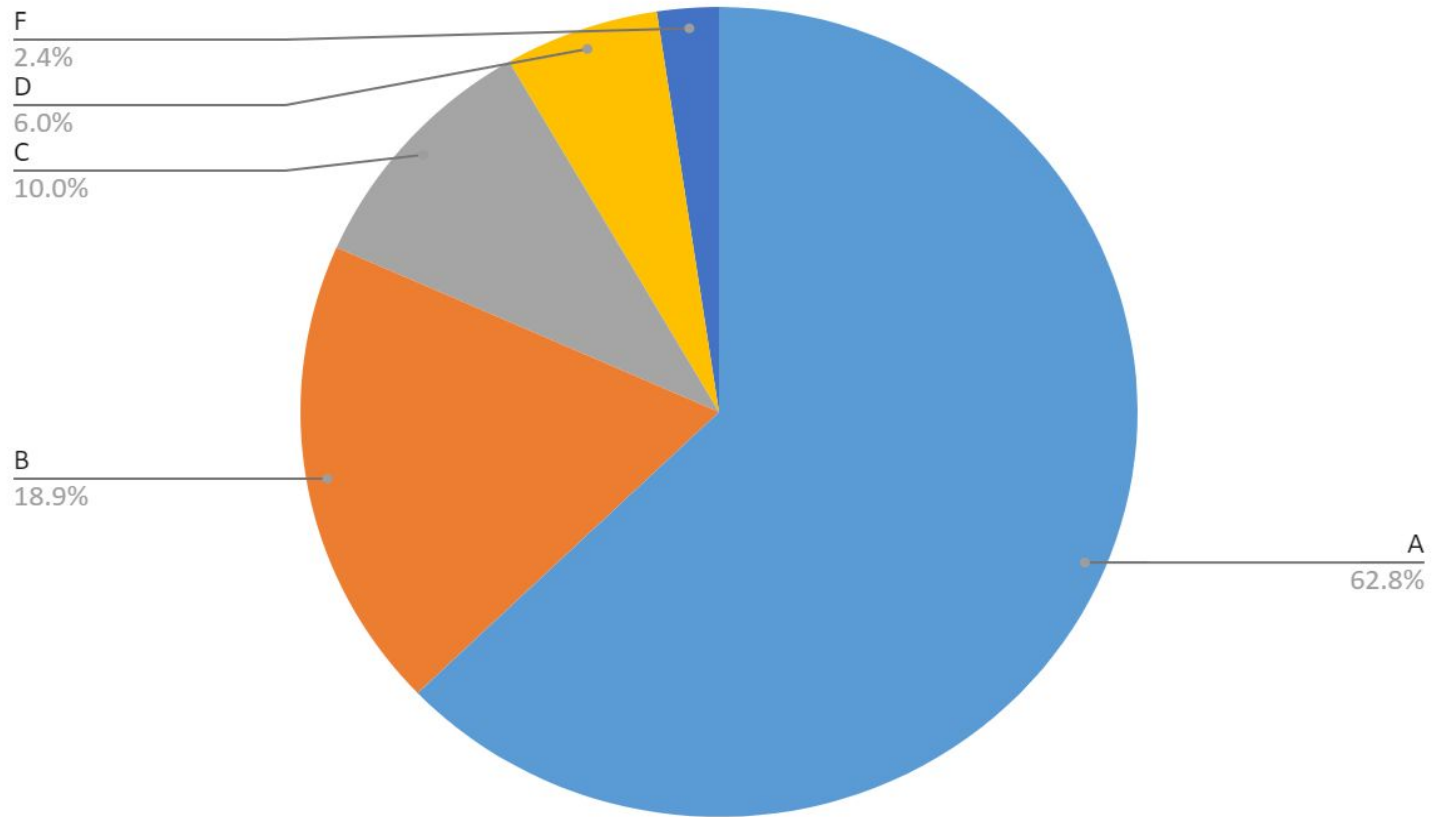
11th Grade - Grades by Ethnicity



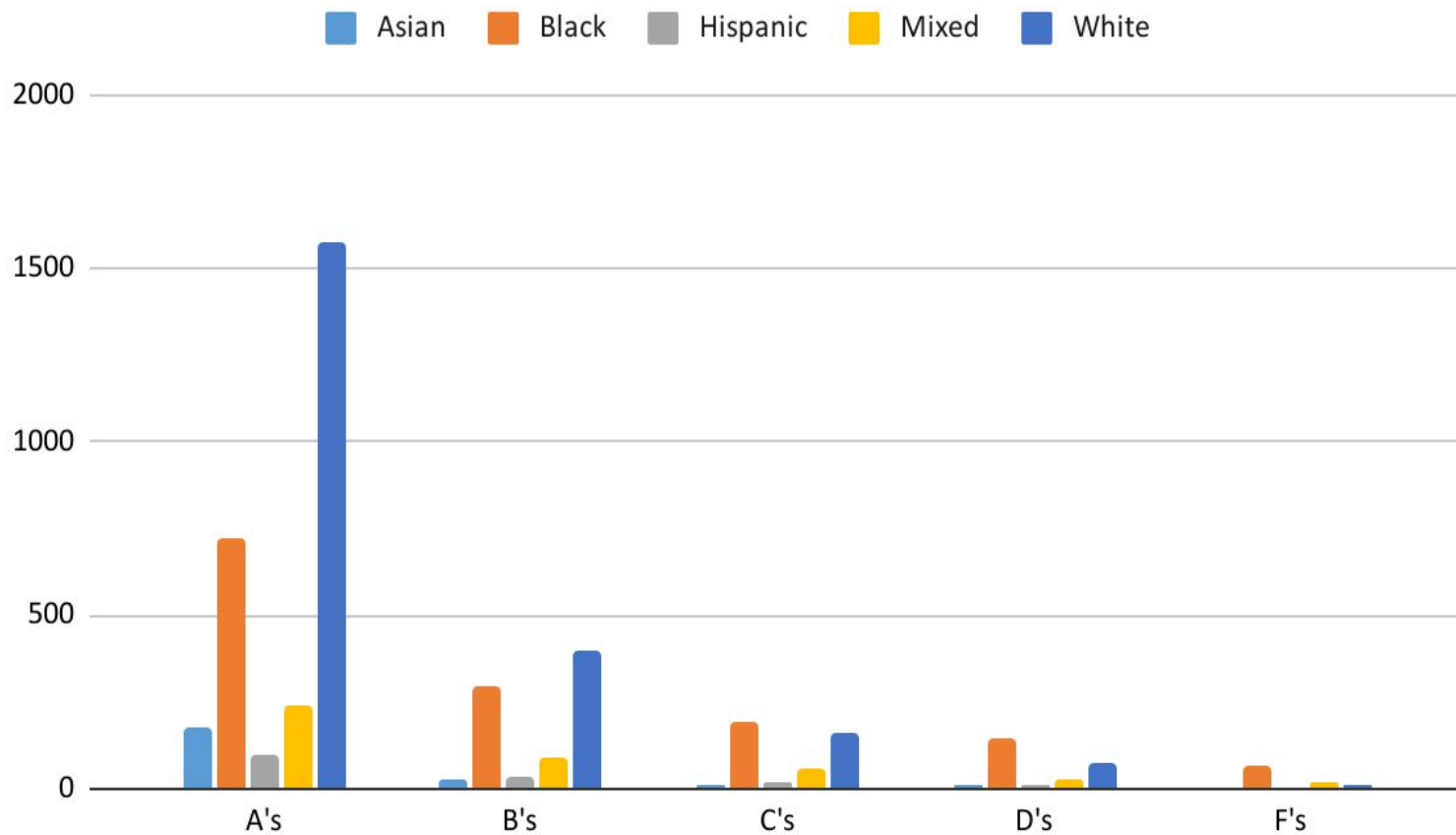
11th Grade Breakdown by Percentage



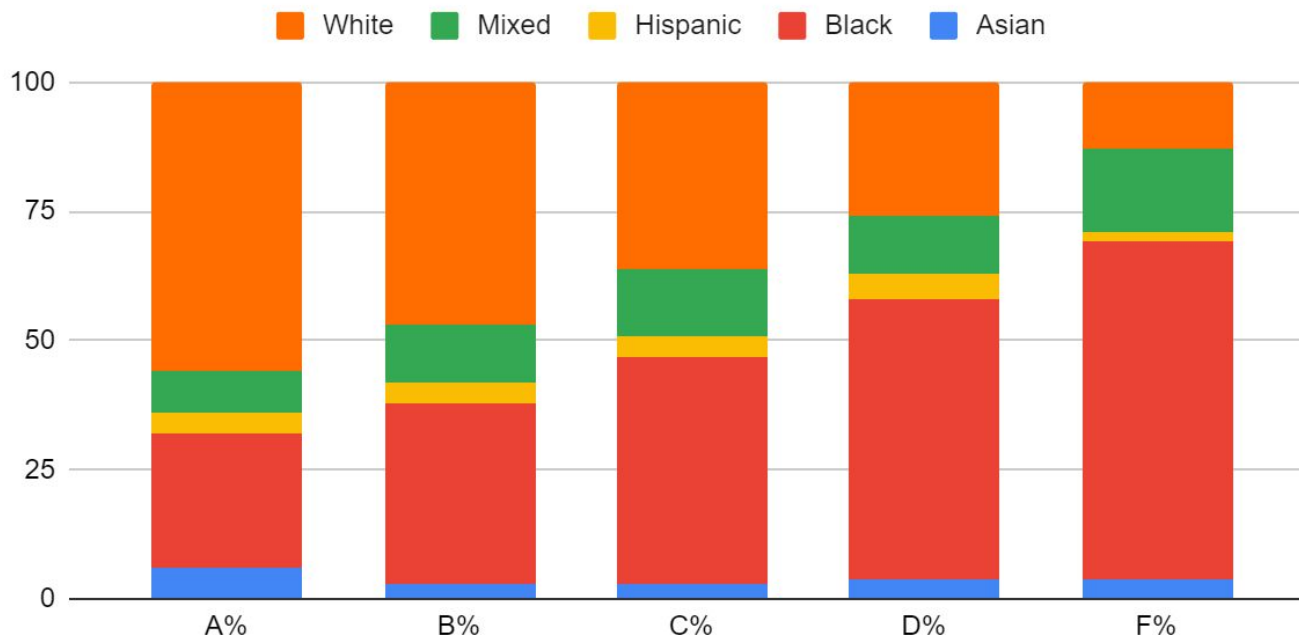
CHS Grades Breakdown - 12th Grade



12th Grade - Grades by Ethnicity

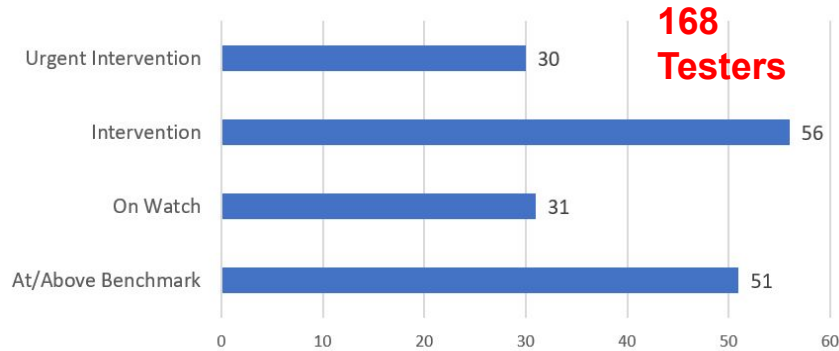


12th Grade Breakdown by Percentage

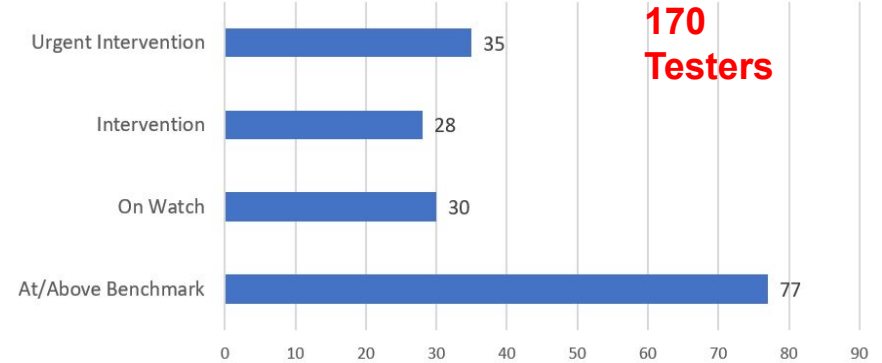


Star Renaissance Data - CHS Algebra 1

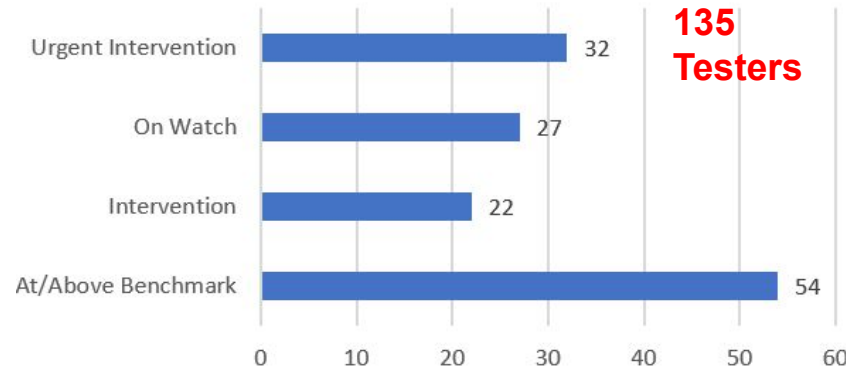
Oct 21 School Benchmark Category



Feb 22 of School Benchmark Category

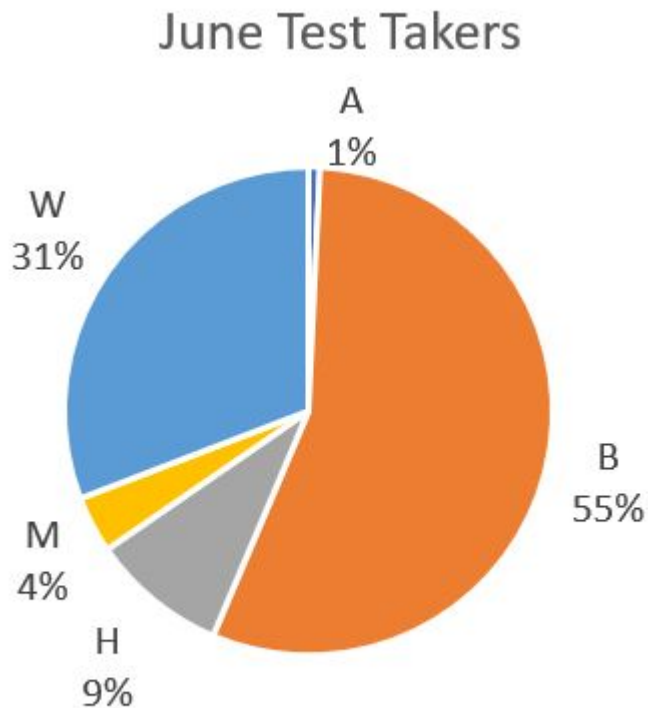


June 22 School Benchmark Category

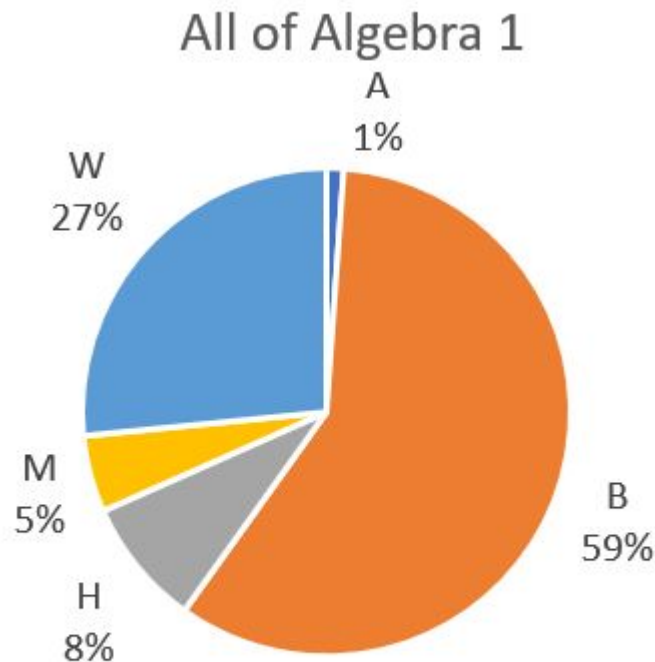


Test was given the week of 6/13, which likely led to less testers.

Star Renaissance Data - CHS Algebra 1 (demographics)



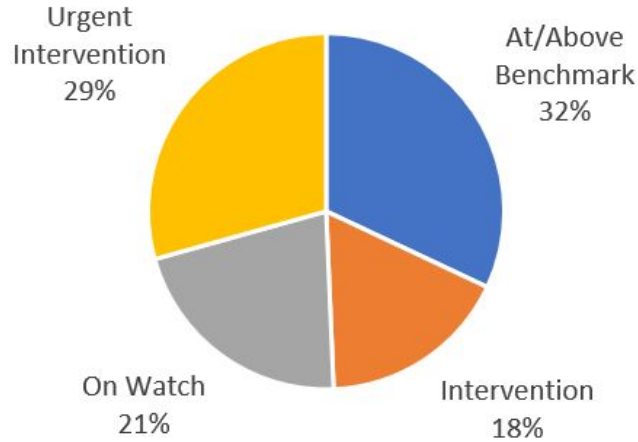
■ A ■ B ■ H ■ M ■ W



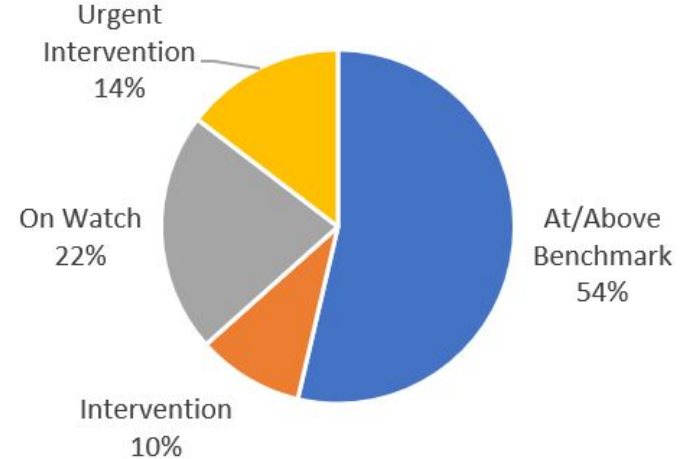
■ A ■ B ■ H ■ M ■ W

Star Renaissance Data - CHS Algebra 1 (demographics)

Black Students (75)



White Students (41)



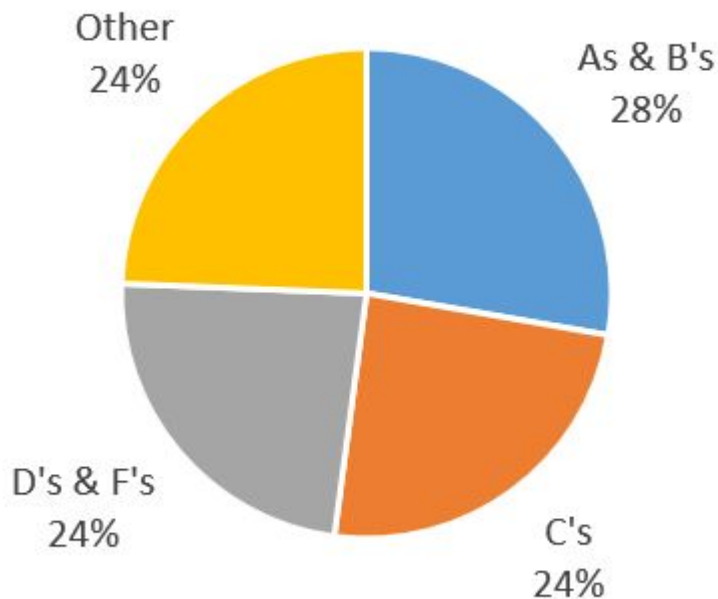
■ At/Above Benchmark ■ Intervention ■ On Watch ■ Urgent Intervention ■ At/Above Benchmark ■ Intervention ■ On Watch ■ Urgent Intervention

More total black students were At/Above benchmark but, by percentage, white students did better overall on the June test.

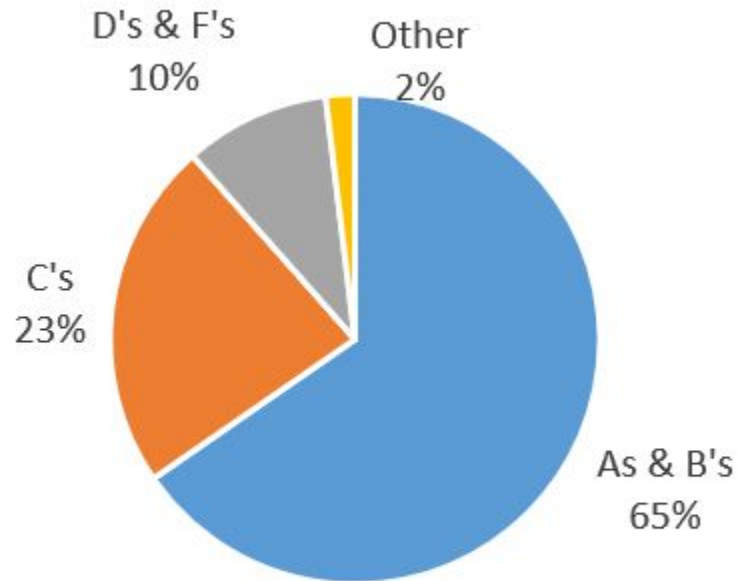


Failure Data - CHS Algebra 1 (demographics)

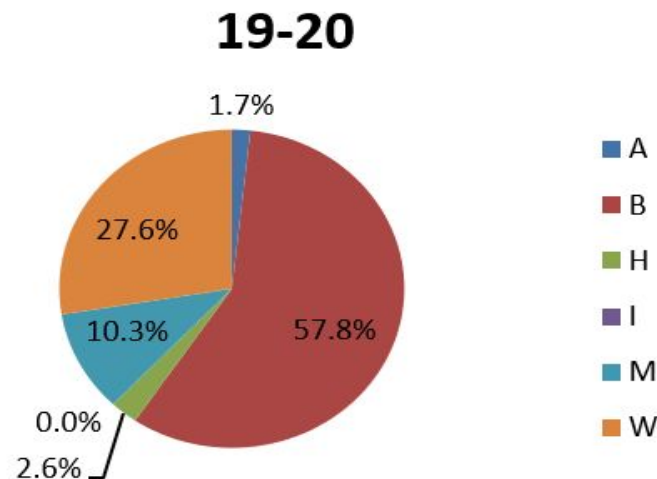
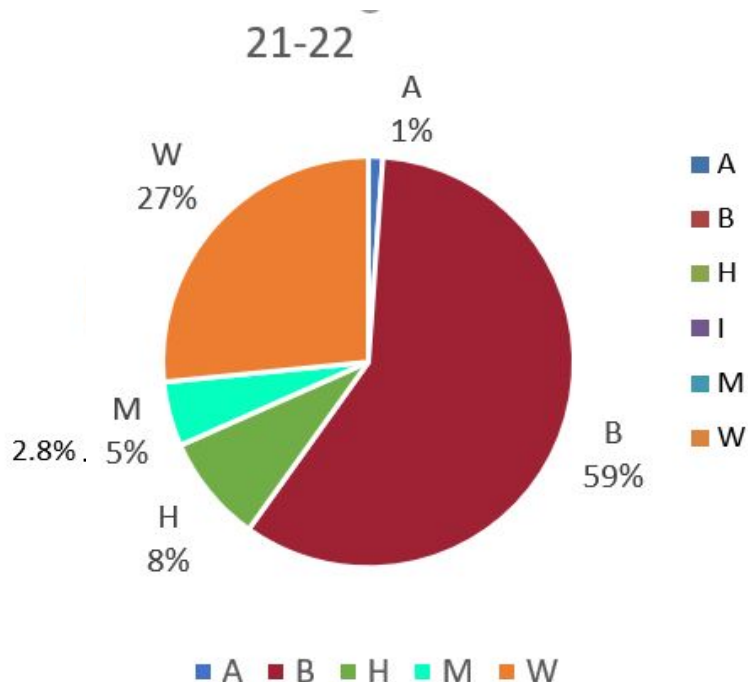
Black Students (119)



White Students (51)



Algebra 1 - Longitudinal Data



	TOTAL ENROLLMENT BY YEAR							
	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22
Alg 1	388	324	259	263	244	116	178	214

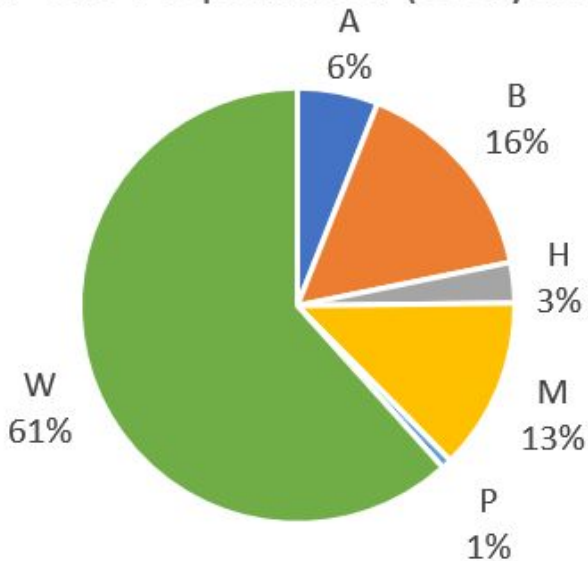
CHS STEM Supports

- **21-22:**
 - Students with lower math grades (below a 70 more than once on their report card last year) were tagged in our At-Risk List so teachers were able to more quickly identify those who would need support & remediation.
 - Students in core math and biology classes were invited to get lunch time help.
 - SLAM lab is staffed during lunch periods
- **Moving Forward:**
 - The practices above will continue with the possible exception of lunch-time help
 - Students over the summer are being offered help with their summer assignments virtually with CHS teachers.
 - Precalculus Honors and AP Calc students were offered week-long sessions going over pre-requisite skills and help with the summer assignment. 117 and 93 students signed up respectively.

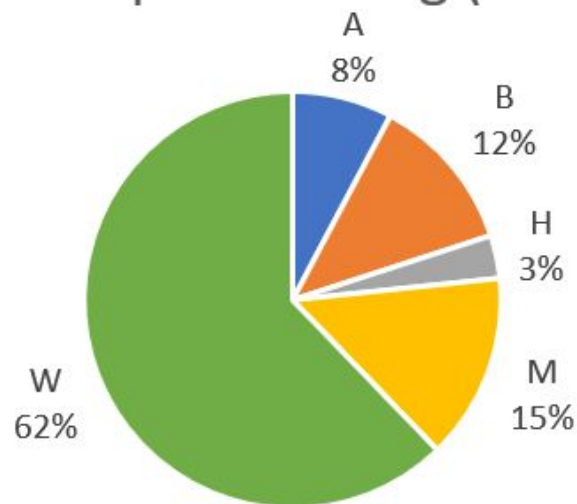
Course	LEVEL DOWNS
Algebra 2 HN	28
Precalc HN	20
AP Calc	16

Summer Support Demographics

AP Calc Prep: Invited (everyone)



AP Calc Prep: Attending (93 of 135)

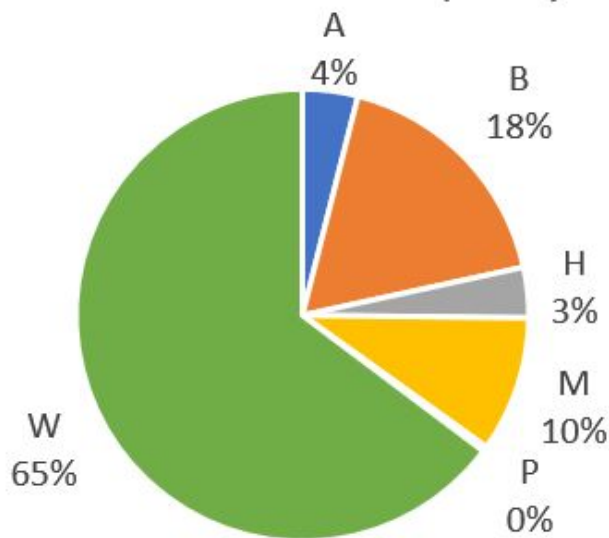


■ A ■ B ■ H ■ M ■ P ■ W

■ A ■ B ■ H ■ M ■ W

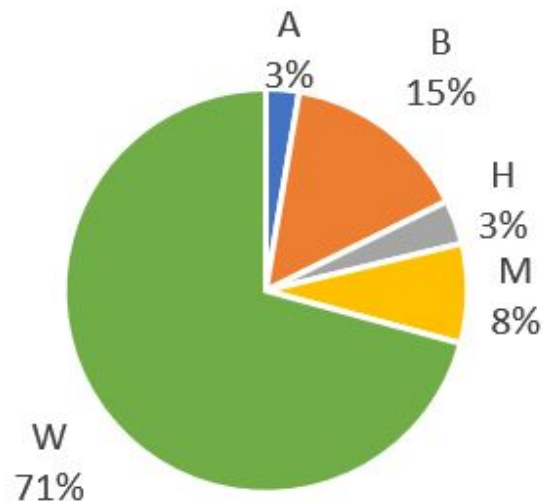
Summer Support Demographics

Precalc Honors: Invited (everyone)



■ A ■ B ■ H ■ M ■ P ■ W

Precalc Honors: Attending
(113 out of 278)



■ A ■ B ■ H ■ M ■ W

21-22 Risk Ratios Math

(level 3: Alg 1, Geom, Alg 2 & Precalc)

Ethnicity	Total Instances	Failures	Ratio of Ethnicity	Ratio of all others	Risk Ratio
A	14	0	0	0.06	0
B	338	27	0.08	0.04	2.18
H	47	3	0.06	0.06	1.11
M	58	6	0.1	0.05	1.93
P	1	0	0	0.06	0
W	235	4	0.02	0.08	0.22

A black student was 2.18 times as likely to receive an F in a level 3 math class last year



21-22 Risk Ratios Math

(level 4: Geom, Alg 2 & Precalc)

Ethnicity	Total Instances	Failures	Ratio of Ethnicity	Ratio of all others	Risk Ratio
A	27	2	0.07	0.02	4.05
B	96	8	0.08	0.01	8.88
H	18	1	0.06	0.02	2.83
I	1	0	0	0.02	0
M	72	1	0.01	0.02	0.64
P	3	0	0	0.02	0
W	412	1	0	0.06	0.04

21-22 Risk Ratios Math

(AP Level: Calculus & Statistics)

29 Black students completed AP Calc and/or AP Stats last year. There were 3 F's.



Ethnicity	Total Instances	Failures	Ratio of Ethnicity	Ratio of all others	Risk Ratio
A	20	0	0	0.02	0
B	29	3	0.1	0.01	19.14
H	1	0	0	0.02	0
M	19	0	0	0.02	0
W	145	1	0.01	0.04	0.1

21-22 Risk Ratios Science

(level 3: Biology, Physics & Chemistry)

Ethnicity	Total Instances	Failures	Ratio of Ethnicity	Ratio of all others	Risk Ratio
A	10	0	0	0.02	0
B	265	5	0.02	0.03	0.75
H	35	5	0.14	0.01	11.17
M	38	0	0	0.02	0
P	3	0	0	0.02	0
W	153	1	0.01	0.03	0.23

A black student was less likely than their non-black peers to receive an F in a level 3 science class last year.

21-22 Risk Ratios Science

(level 4: Biology, Physics & Chemistry)

Ethnicity	Total Instances	Failures	Ratio of Ethnicity	Ratio of all others	Risk Ratio
A	41	0	0	0.01	0
B	123	5	0.04	0.01	6.93
H	21	1	0.05	0.01	4.67
I	1	0	0	0.01	0
M	100	1	0.01	0.01	0.88
P	1	0	0	0.01	0
W	518	2	0	0.02	0.16

21-22 Risk Ratios Science

(AP Level: Biology, Physics, Chemistry & Environmental Science)

Ethnicity	Total Instances	Failures	Ratio of Ethnicity	Ratio of all others	Risk Ratio
A	6	0	0	0.02	0
B	23	0	0	0.02	0
H	1	0	0	0.02	0
M	15	1	0.07	0.01	7.47
W	82	1	0.01	0.02	0.55



There were only 2 total failures in AP Science classes last year across all ethnicities.



Star Renaissance Data - ELA

CHS Reading Summary Report - Spring 2022 by Grade

Grade	# Students	GE	PR*	IRL
9	480	9.6	47%	9.0
10	415	10.3	53%	9.8
11	421	10.9	62%	10.4



*District Goal PR=40

CHS Reading Proficiency Report - Spring 2022

Demographics	At/Above 40 PR	Below 40 PR
Asian	74%	26%
Black	37%	63%
Hispanic	32%	68%
Mixed	71%	29%
*District Goal PR=40		
White	75%	25%

STAR Reading Summary by Subgroup Spring 2022

Asian

Percentile	Students	Percent
Below 25th	2	6%
25th to 49th	7	23%
50th to 74th	9	29%
75th & Above	13	42%

Black

Percentile	Students	Percent
Below 25th	116	48%
25th to 49th	60	25%
50th to 74th	43	18%
75th & Above	23	10%

STAR Reading Summary by Subgroup Spring 2022

Hispanic

Percentile	Students	Percent
Below 25th	13	36%
25th to 49th	10	28%
50th to 74th	10	28%
75th & Above	3	8%

Mixed

Percentile	Students	Percent
Below 25th	11	14%
25th to 49th	15	19%
50th to 74th	23	29%
75th & Above	29	37%

STAR Reading Summary by Subgroup Spring 2022

White

Percentile	Students	Percent
Below 25th	39	9%
25th to 49th	101	24%
50th to 74th	110	26%
75th & Above	168	40%

21-22 Risk Ratios English (level 3: 9/10 Academic)

Ethnicity	Total Instances	Failures	Ratio of Ethnicity	Ratio of all others	Risk Ratio
A	6	0	0	0.03	0
B	149	5	0.03	0.02	2
H	25	2	0.08	0.02	3.89
M	19	0	0	0.03	0
P	2	0	0	0.03	0
W	67	0	0	0.03	0

21-22 Risk Ratios English (level 4: 9/10 Honors)

Ethnicity	Total Instances	Failures	Ratio of Ethnicity	Ratio of all others	Risk Ratio
A	28	0	0	0.01	0
B	117	3	0.03	0.01	4.32
H	18	0	0	0.01	0
I	1	0	0	0.01	0
M	66	2	0.03	0.01	4.22
P	1	0	0	0.01	0
W	392	1	0	0.02	0.12

21-22 Risk Ratios English (level 3: 11/12 Academic)

Ethnicity	Total Instances	Failures	Ratio of Ethnicity	Ratio of all others	Risk Ratio
A	5	1	0.2	0.07	2.68
B	109	9	0.08	0.07	1.16
H	8	0	0	0.08	0
M	19	1	0.05	0.08	0.65
W	38	3	0.08	0.08	1.01

21-22 Risk Ratios English (level 4: 11/12 Honors)

Ethnicity	Total Instances	Failures	Ratio of Ethnicity	Ratio of all others	Risk Ratio
A	25	0	0	0.02	0
B	131	6	0.05	0.01	4.27
H	15	0	0	0.02	0
M	64	1	0.02	0.02	0.83
W	362	4	0.01	0.03	0.37

21-22 Risk Ratios English (level 4: 11/12 AP)

Ethnicity	Total Instances	Failures	Ratio of Ethnicity	Ratio of all others	Risk Ratio
A	6	0	0		
B	9	0	0		
M	14	0	0		
P	1	0	0		
W	71	0	0		

English Department

Aims:

- ❖ Teacher meetings to review data & support struggling students
- ❖ Student voice and choice in book selections
- ❖ Reduced assignments
- ❖ Alternative assessments
- ❖ Extended due dates
- ❖ Support for 9th grade students with Humanities

What is Working?

- ❖ Support for students who attend 9th period for help
- ❖ Alternative assessments
- ❖ Intervention meetings with students & parents
- ❖ The Humanities Cohort model
- ❖ AP Mini-Workshop and Office Hours

English Department Next Steps:

- ❖ Increase the use of 9th period to support students
- ❖ Opening meetings with 9th & 10th grade students
- ❖ Small group English tutors below PR for 9th-12th students
- ❖ Expansion of the Humanities Cohort.
 - Plan to add one additional cohort for 2022-2023.
 - Proposal to increase the staffing in History & English in order to support the continued growth for students.
- ❖ Continued data meetings & review of course content
- ❖ Incorporate more of the instructional success from 6-8 to 9-10.
 - Small groups
 - Increase independent reading