

How can MVAS prepare students for the future?



MVAS Student Co-Research Team :

Michael Carmona, Phhichowady Chea, Cuong Wynn, Marlene Hin,
Yadira Mejia, Michael Ngo, Pam Oum, Jennifer Valle,
Kuntheary Touch,
Jennifer Guzman, Julee Voung, Leonel (Leo) Roman, Phannaroth
(Pam) Oum, Molina Say, Sandra Haftorson,
Yaritza Luna

What is the student co-researcher project at MVAS?

- Advisory students were individually selected to participate in the UCSD co-research project
- Students were taught the tricks of the trade by UCSD researchers through all-day and after school meetings
- Students used what they learned to conduct and evaluate research during and after school on Wednesdays



The MVAS team's research question

“How can MVAS prepare students for the future?”

- Are students prepared for college?
- Is the workload challenging?
- Is the teaching effective?
- Are the classes interesting?
- Does IMP affect CAHSEE?
- Are AP classes provided?
- Are students prepared for SAT?

Data Collection

Student data –

- 128 students were interviewed
- 251 students took the student survey
- 66% response rate

Teacher data –

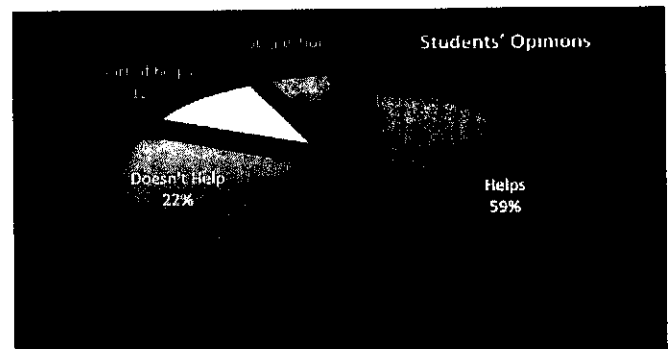
- 21 teachers took the teacher survey



Q1. Do you think the elective class's prepare you for your career path?
If no, What electives do you recommend

- Overall answer yes
- Only classes that prepares them are ASB, Art, Video, and Computer.
- No, but they'll like to see Dancing, Urban Arts, Cooking, Teaching, and Band.

Q1. Do you think the elective classes prepare you for your career path?
If no, What electives do you recommend

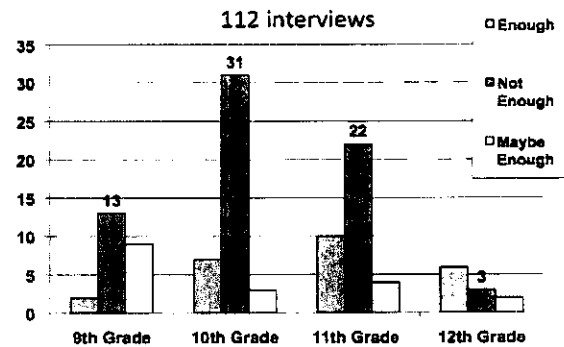


Question #2: Which programs would you recommend to help students be more successful?

- Looking over our data we found out that most students say that CAHSEE prep and after-school tutoring/programs are helpful.
- We surveyed 125 students and out of those students 29% said they would rather have general tutoring.



Question #3 -- How much information do you know about college?

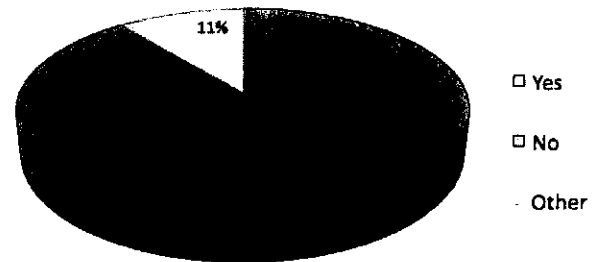


Question #4: What information would you like to know about college?

- How much does college cost?
- What classes are like in college?
- How many hours are there in classes?
- What are the requirements?
- How many years for each college?
- Qualifications for high school students to get into certain colleges?
- How to get scholarships?
- Are there fun activities in college?



Q5: Are your classes preparing you for the CAHSEE?



Q5: Are your classes preparing you for the CAHSEE? Why? Why not?

- According to the data, MVAS is preparing students for the CAHSEE and the SAT
- Students are prepared thanks to CAHSEE prep, teachers teaching well, and practice questions
- Those students who did not feel prepared said: Teachers don't talk about the CAHSEE or SAT; people don't know what the CAHSEE or SAT is; IMP doesn't help; classes are confusing; classes are too hard; and they can't concentrate on CAHSEE or SAT
 - 61% said yes
 - 29% said no
 - 11% other

Q6: How does your workload affect your future? (Males)

Grade level	Good	Bad	Neutral
9	8	3	1
10	22	3	1
11	9	1	2
12	2	0	2

Results showed most male students (76%) thought their workload helped them in positive ways.

Most Freshmen (67%) thought their work prepared them for the general future, though many had negative comments.

Most Sophomores (85%) thought it helped them for future tests and for college

Most Juniors (75%) thought it prepared them for work and life after school

Most Seniors had mixed comments

Q6: How does your work affect your future? (Females)

Grade level	Good	Bad	(Neutral)
9	6	6	0
10	14	9	0
11	15	6	0
12	2	2	0

Results show that females (62%) have high expectations for their future according to their work

Most Freshmen and Seniors had mixed answers, half of them said that their work load had negative results

Most Sophomores (60%) and Juniors (70%) had positive answers

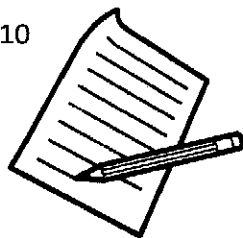
#7 Have you gone to CAHSEE tutoring? If yes do you think it's helpful for students? Why or Why not?

- Total students: 41
- Range of answers:
- "Prepares for the future": 3
- "Gives understanding of what's on test": 19
- "Is helpful": 16



Students who didn't go to CAHSEE Tutoring

- Total of students: 71
- Range of answers:
- "Don't feel like it": 6
- "Didn't know there was one": 10
- "Busy, doesn't have time": 14

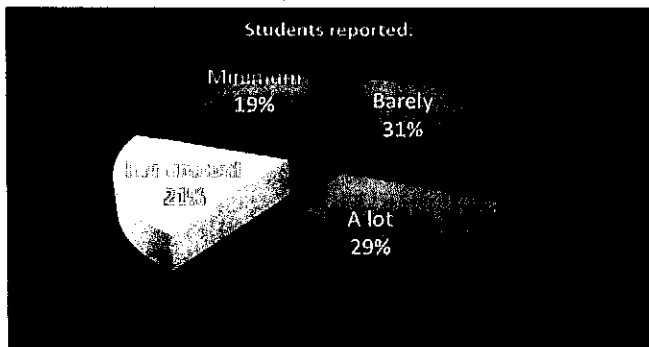


Q8: How much homework do you get from your teachers?



- Only one student said nothing
- Many students (31%) said they barely have homework
- The second highest number (29%) said there is a lot of homework
- The fewest students said it depends on the class

Q8: How much homework do you get from your teachers?



Question #9: Do AP classes help you for the future? (Males)

Grade	Yes	No
9	0	14
10	5	15
11	4	12
12	6	6
TOTAL	15	47

Q#9 (cont.): Do AP classes help you for the future? (Females)

Grade	Yes	No
9	0	9
10	3	14
11	10	6
12	1	3
TOTAL	14	32

Q10: Describe the feeling you have when teachers say to students, "I am trying to prepare you for the future"?

- According to our data, students say that teachers love and care for the students so the words encourage them.
- Teachers want a brighter future for students and they want them to be successful in life.
- 80% of students cared and believed what teachers say
- 20% of students don't care or it doesn't mean anything to them



Question #11: How Can MVAS Improve As a Whole?

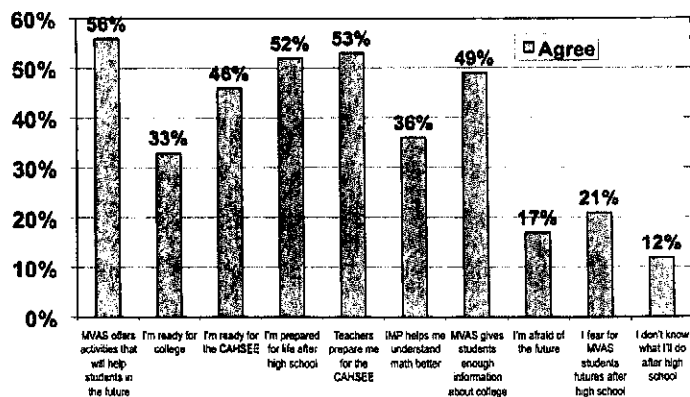
Students told us they would like to see:

- More electives
- More programs
- More learning about college
- Stronger teachers
- Making students do more work
- Foreign language classes
- Making it a whole school again, not four separate schools

Student Survey Results



MVAS student response to surveys



Student's Survey Results 9th – 12th grades

- 4/10 survey questions show that when you're in 9th grade you don't know as much, but when you progress into 12th grade you feel more confident and knowledgeable.
 - This result is shown in question 2 "I'm ready for college!"
- On a Scale of 1 to 6 with 1 being strongly disagree and 6 being strongly agree, students responded like this:**
- The average freshmen had 3.15
 - The average sophomore had 3.80
 - The average junior had 4.14
 - The average senior had 4.31
- But MVAS students in general still aren't very confident of their futures, regardless of their grade levels

scale 1 to 6

Data showing students' perceptions changing over time (9th to 12th)

Questions	9th	10th	11th	12th	Results
I think that MVAS offers activities that will help students in the future	4.13	4.54	4.56	4.67	Average goes up each year
I'm ready for college	3.15	3.80	4.14	4.31	Average goes up each year
I'm ready for the CAHSEE	2.95	3.78	4.86	5.12	Average goes up each year
I fear for the MVAS students future after they are released into society	2.75	3.31	3.36	3.38	Average goes up each year

Possible interpretations

- The longer a student is in high school the more they seem to know about the school and the more experienced they become throughout the years.
- Our research team believes it's also possible that 9th through 12th grade averages may be affected by students' feeling regarding college. For example, if the questions regarding college made the students feel as if they weren't ready for college, then perhaps they gave a more hesitant response.



What we found out is that as freshmen becomes seniors they are more prepared for the future and feel like they have knowledge of what is ahead. Freshmen are new to high school and, because of this, have only been introduced to a few aspects of the program. They tend to be unsure of what their school offers.

Q1: I think that MVAS offers activities that will help students in the future (Disagree percentage)

9 th	10 th	11 th	12 th
12.73%	4.92%	10.53%	4.69%

As the grade level increase students have a better understanding of their programs and create more positive attitude towards the school. They feel more prepared for CAHSEE, college, and life in general.

Q3: I'm ready for CAHSEE (Disagree percentage)

9 th	10 th	11 th	12 th
34.55%	18.33%	12.07%	5.17%

Q2: I am ready for college (Disagree percentage)

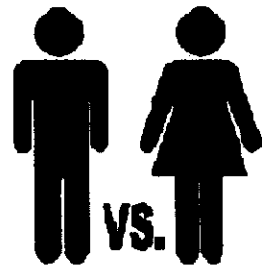
9 th	10 th	11 th	12 th
32.73%	18.03%	12.28%	10.94%

Sample Student Survey Results by Grade Level

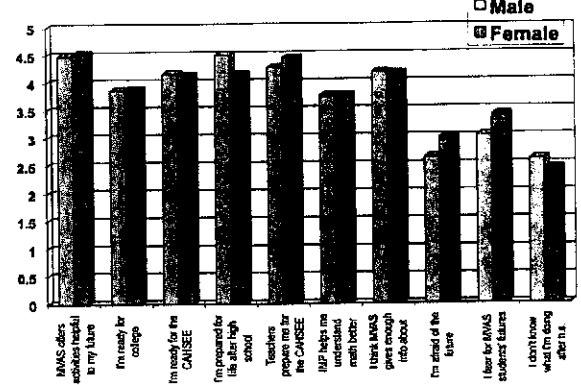
(Below are percentages of students who disagreed with the statement)

- Q4- "I am prepared for life after high school"
 - 14.29% freshmen; 13.33% sophomore; 8.77% junior; 10.94% senior
- Q5- "Teachers prepare me for the CAHSEE"
 - 21.82% freshmen; 9.84% sophomore; 6.90% junior; 6.67% senior
- Q10- I don't know what I am going to do after high school."
 - 53.57% freshmen; 42.62% sophomore; 51.72% junior; 75.00% senior
 - **THIS MEANS THAT BETWEEN 11% TO 25% OF SENIORS DO NOT HAVE A CLEAR IDEA WHAT THEY WILL DO AFTER HIGH SCHOOL.**
 - **NEARLY 50% TO 90% OF JUNIORS FEEL THIS WAY.**

MVAS Student Survey Male vs. Female



MVAS Student Survey Data For All Questions by Gender: Mean responses



MVAS Student Survey Results by Gender

I think that MVAS offers activities that helps students in the future

- More females said they agree than the males

I am ready for college

- More girls said they were ready for college than the males

I'm ready for the CAHSEE

- More guys said they were ready for the test than the girls

I'm prepared for life after high school

- More guys said they were ready than the girls

Teachers prepare me for the CAHSEE

- More girls agreed than the guys

IMP program helps me understand math better

- 1 more girl said that's true compared to guys

MVAS gives students enough information about college

- 2 more guys agreed than girls

I'm afraid of the future

- 36 more girls than guys agreed to this question

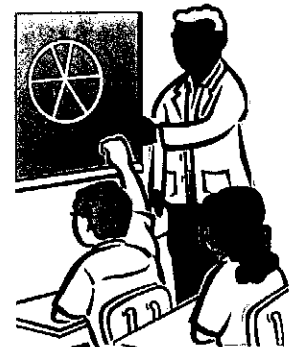
I fear for the MVAS students after they are released into society

37 more girls than guys agreed to this question

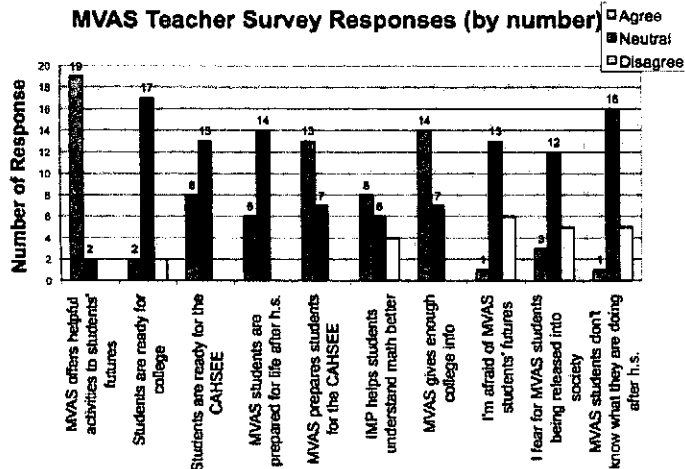
I don't know what I'm going to do after school

- 17 more girls agreed to this question than guys

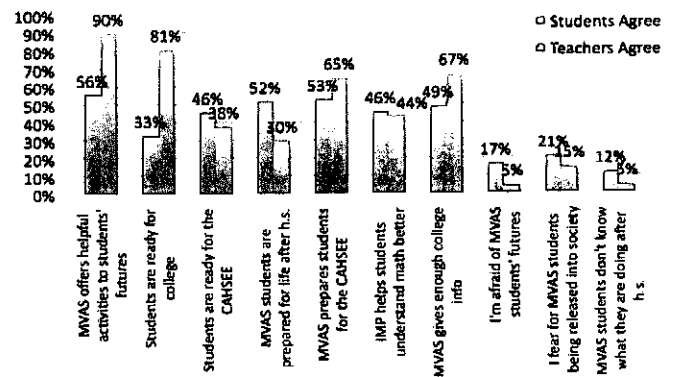
MVAS Teacher Survey Results



MVAS Teacher Survey Responses (by number)



MVAS Student vs. Teacher Survey Responses



MVAS Teacher Survey Analysis

- Statements 1, 5, 7 are the only statements the teachers agreed with the most.
- Teachers agreed that MVAS offers activities that will help students in the future (1), MVAS helps students with the CAHSEE (5), MVAS gives students enough information about college (7).
- Besides statements 1, 5, and 7, the rest of the responses were neutral.

Overall Research Findings

How can MVAS prepare students for the future?

- We found that students understood MVAS's programs and acquired more confidence as the grade level increases
- Students liked the elective programs
- Students wanted more prep courses and after school programs
- Students felt prepared for the CAHSEE
- Students, especially sophomores, felt that they lacked information about college

- Most males thought that the work MVAS provides helps them in positive ways
- Most students believed that they had little homework
- ✶ Most male students thought that AP classes did not help them for the future (15-47)
- ✶ Most female students thought that AP classes did not help them for the future (14-32)

Reflective Questions For Teachers

- What did you learn from watching the presentation from the Co-Researcher team?
- How did the presentation impact your thinking about your classroom?
- What kind of professional development do you need in order to address some of the issues in the data? In other words what do you need to know?

