March 27, 2006

TO: Anne Leskinen, Dean PSME

FROM: Andrew LaManque, De Anza Research
             Dianne Mak, Student Assistant

SUBJECT: EnableMath Survey

A survey of EnableMath students was conducted during the last week of classes. 143 out of 295 students originally enrolled in the class completed the survey online during lab time (48%).

Important highlights include:
- 74% of students responded that this is their first math class using EnableMath.
- 57 out of 143 (40%) of students selected that they needed to study more hours to get the grade they wanted, than they actually studied.
- 11% of the students did not complete the CSI.

There appeared to be a consistent group of students (about 3/4ths) that liked the enabled math software and found it useful, but about ¼ of the students did not find that it helped them more than a paper and pencil class. About 40% of the students indicated that they did not learn anything different from the lecture.
- 75% of students agree and strongly agree that they felt more engaged using EnableMath than a regular math class where work is done by paper and pencil.
- 70% of students agree and strongly agree that EnableMath helped them learn more math.
- 75% of students agree and strongly agree that EnableMath helped to improve their grade.
- 77% of students responded that they would take another math class with EnableMath.

The level of support for the affect of the CSI was less than for enable math-about ½ of the students indicated that they thought it was helpful. This might not be surprising given the limited nature of the intervention.
- 53% of students disagree that they did better in the class after learning the results of the CSI.
- 55% of students agree that they would recommend the CSI to other students.
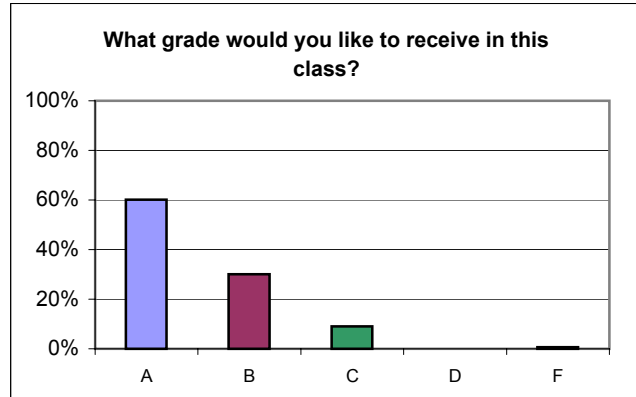
1. This is my first math class at De Anza College

Label	Frequency	Percent
Yes	49	34%
No	94	66%
Total Valid	143	100%
Total Missing	0	
Total	143	

This is my first math class at De Anza College

No
66%

Yes
34%
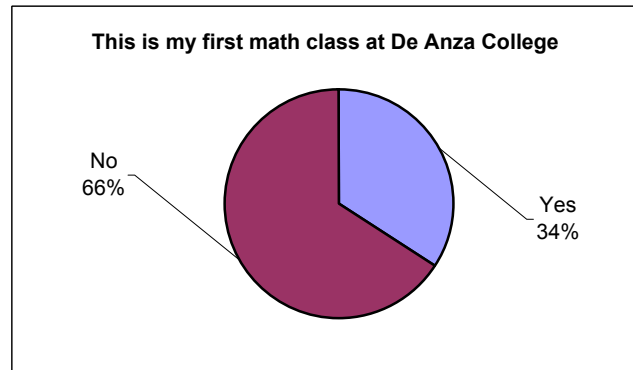
2. What grade would you like to receive in this class?

Label	Frequency	Percent
A	86	60%
B	43	30%
C	13	9%
D	0	0%
F	1	1%
Total Valid	143	100%
Total Missing	0	
Total	143	

What grade would you like to receive in this class?

3. How many hours per week (on average) do you spend doing math outside of the regular class/lab time?

Label	Frequency	Percent
0 hrs/week outside class	1	1%
1-4 hrs/week outside class	95	66%
5-9 hrs/week outside class	40	28%
10 plus hrs/week outside class	7	5%
Total Valid	143	100%
Total Missing	0	
Total	143	

How many hours per week (on average) do you spend doing math outside of the regular class/lab time?
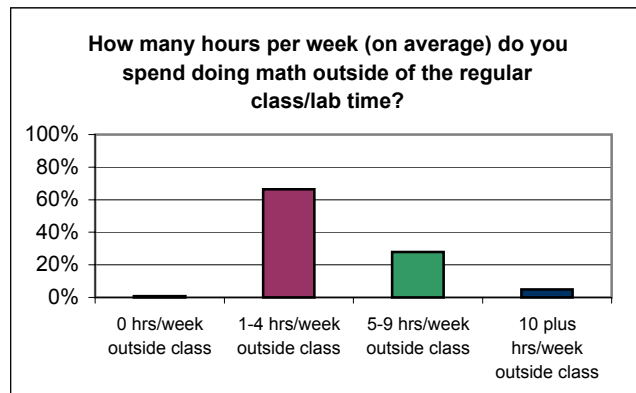
4. How many hours per week (on average) doing math outside of class/lab do you think are necessary to get the grade you want?

Label	Frequency	Percent
0 hrs/week outside class	4	3%
1-4 hrs/week outside class	53	37%
5-9 hrs/week outside class	66	46%
10 plus hrs/week outside class	20	14%
Total Valid	143	100%
Total Missing	0	
Total	143	

How many hours per week (on average) doing math outside of class/lab do you think are necessary to get the grade you want?
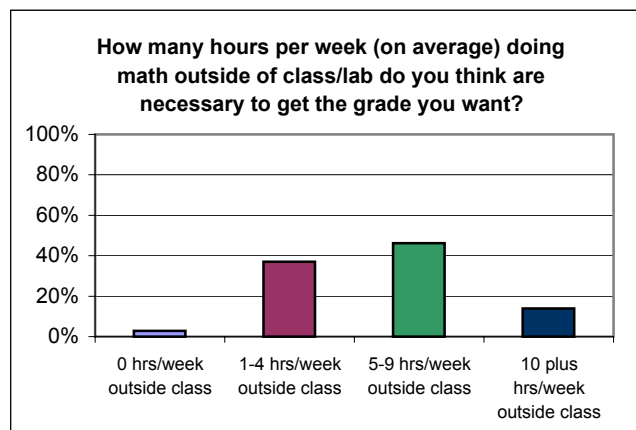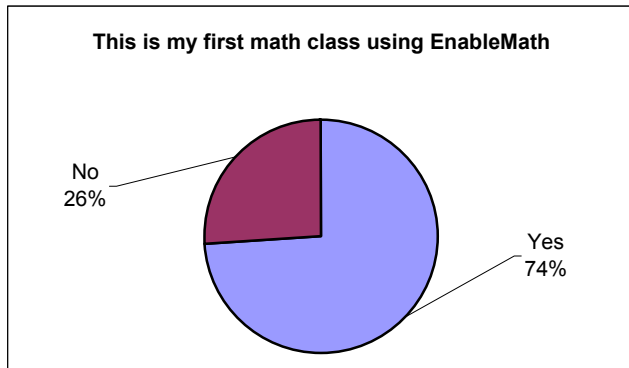
Please rate your experience with the EnableMath software this semester

5. This is my first math class using EnableMath

Label	Frequency	Percent
Yes	104	74%
No	37	26%
Total Valid	141	100%
Total Missing	2	
Total	143	

**This is my first math class using EnableMath**

No
26%

Yes
74%

6. I felt more engaged using EnableMath than I have been in a math class where all work is done using paper and pencil

Label	Frequency	Percent
Strongly Agree	49	35%
Agree	57	40%
Disagree	25	18%
Strongly Disagree	11	8%
Total Valid	142	100%
Total Missing	1	
Total	143	

I felt more engaged using EnableMath than I have been in a math class where all work is done using paper and pencil
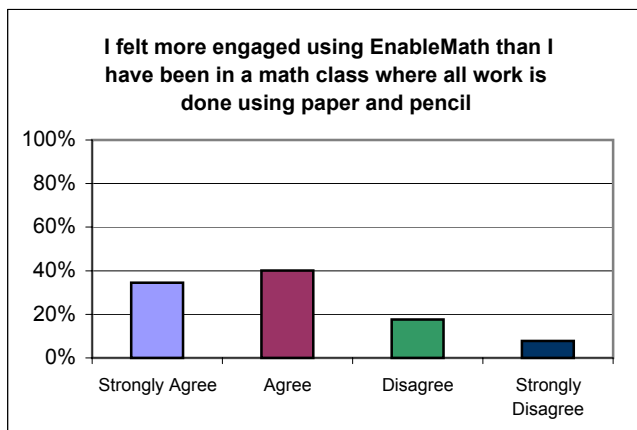
7. EnableMath helped me learn more math than I would have without the software

Label	Frequency	Percent
Strongly Agree	47	33%
Agree	52	37%
Disagree	31	22%
Strongly Disagree	12	8%
Total Valid	142	100%
Total Missing	1	
Total	143	

EnableMath helped me learn more math than I would have without the software
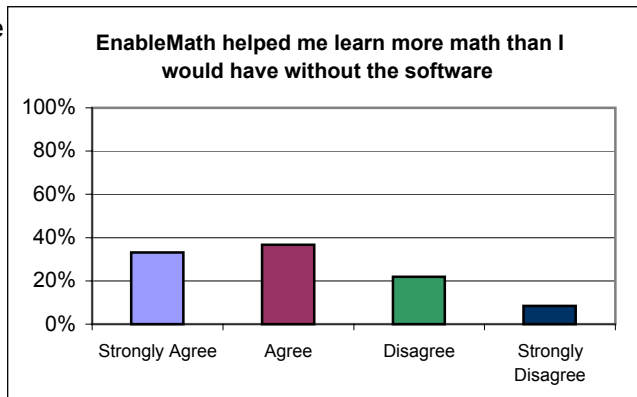
8. EnableMath helped to improve my grade

Label	Frequency	Percent
Strongly Agree	45	32%
Agree	62	44%
Disagree	24	17%
Strongly Disagree	11	8%
Total Valid	142	100%
Total Missing	1	
Total	143	

EnableMath helped to improve my grade
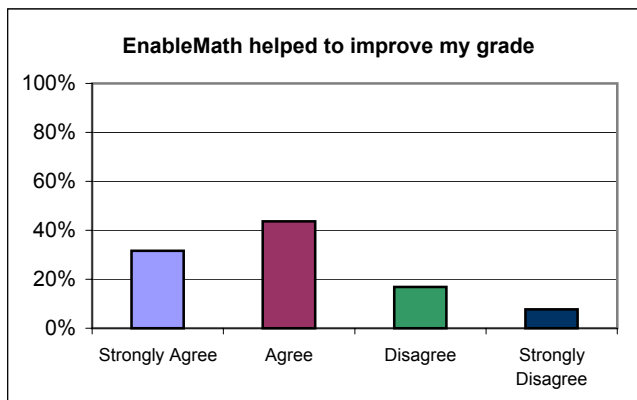
9. I learned some facts from EnableMath that were not presented in the lecture

Label	Frequency	Percent
Strongly Agree	22	16%
Agree	61	43%
Disagree	39	28%
Strongly Disagree	19	13%
Total Valid	141	100%
Total Missing	2	
Total	143	

I learned some facts from EnableMath that were not presented in the lecture
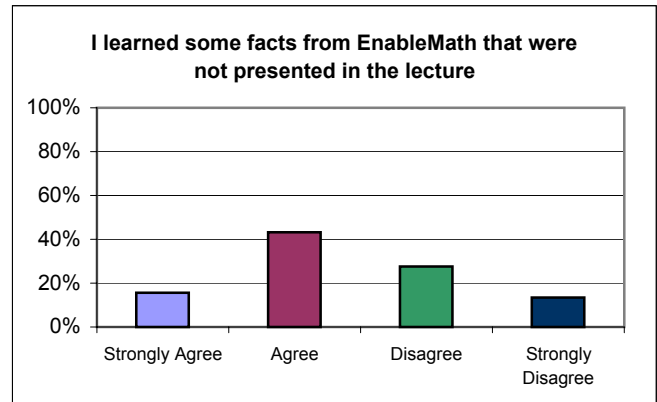
10. I would take another math class with EnableMath

Label	Frequency	Percent
Strongly Agree	58	41%
Agree	50	36%
Disagree	11	8%
Strongly Disagree	21	15%
Total Valid	140	100%
Total Missing	3	
Total	143	

I would take another math class with EnableMath
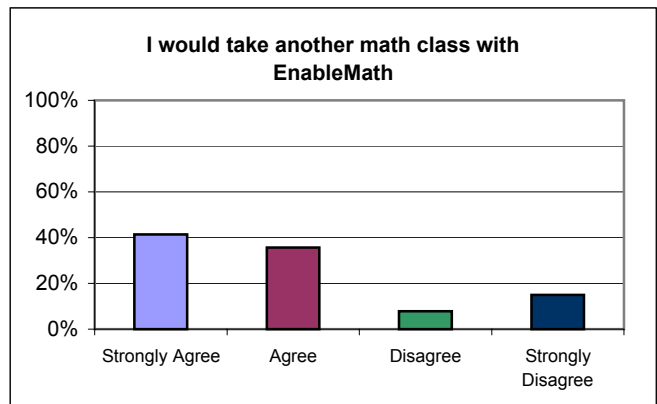
Please rate your experience with the Noel Levitz College Student Inventory Survey conducted at the beginning of the term

11. Did you complete the College Student Inventory (CSI)?

Label	Frequency	Percent
Yes	125	89%
No	16	11%
Total Valid	141	100%
Total Missing	2	
Total	143	

Did you complete the College Student Inventory (CSI)?

No 11%
Yes 89%
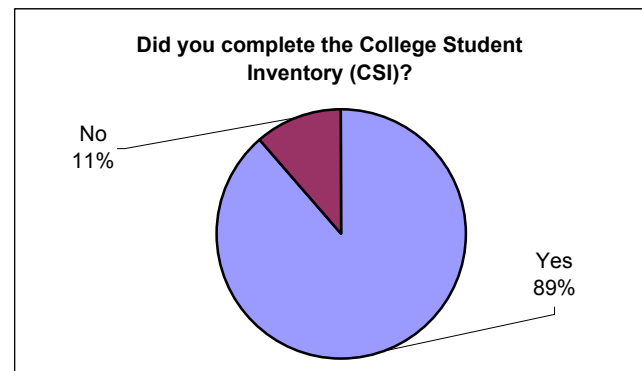
12. I felt that completing the CSI was worth the time

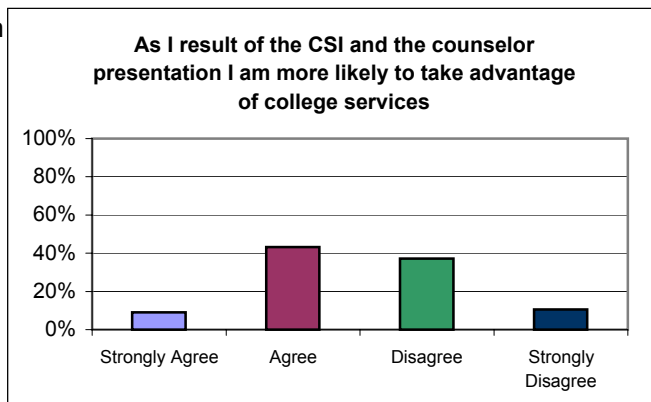| Label	Frequency	Percent
Strongly Agree	13	10%
Agree	65	49%
Disagree	37	28%
Strongly Disagree	19	14%
Total Valid	134	100%
Total Missing	9	
Total	143	

I felt that completing the CSI was worth the time
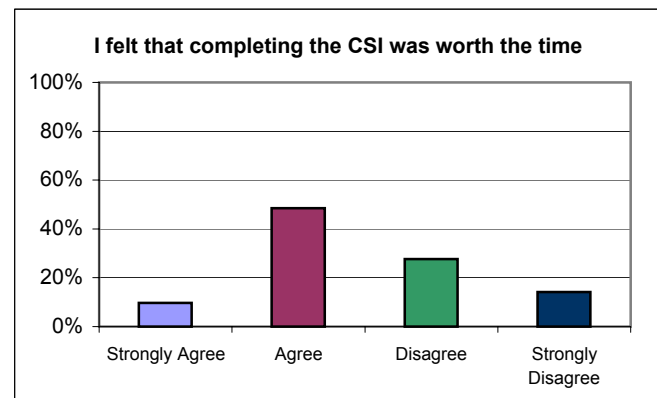
13. I learned something about myself while completing the CSI that will help me meet my goals at De Anza

Label	Frequency	Percent
Strongly Agree	12	9%
Agree	61	46%
Disagree	45	34%
Strongly Disagree	14	11%
Total Valid	132	100%
Total Missing	11	
Total	143	

I learned something about myself while completing the CSI that will help me meet my goals at De Anza
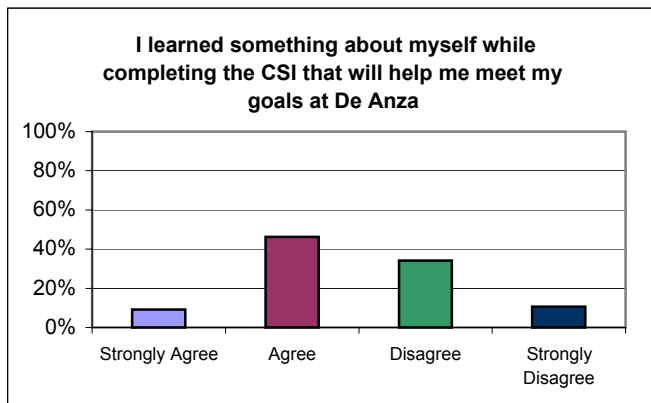
14. As I result of the CSI and the counselor presentation I am more likely to take advantage of college services

Label	Frequency	Percent
Strongly Agree	12	9%
Agree	57	43%
Disagree	49	37%
Strongly Disagree	14	11%
Total Valid	132	100%
Total Missing	11	
Total	143	

As I result of the CSI and the counselor presentation I am more likely to take advantage of college services

15. I went to see a counselor with questions about my educational plans as a result of the CSI

Label	Frequency	Percent
Strongly Agree	11	8%
Agree	29	22%
Disagree	69	51%
Strongly Disagree	25	19%
Total Valid	134	100%
Total Missing	9	
Total	143	

I went to see a counselor with questions about my educational plans as a result of the CSI
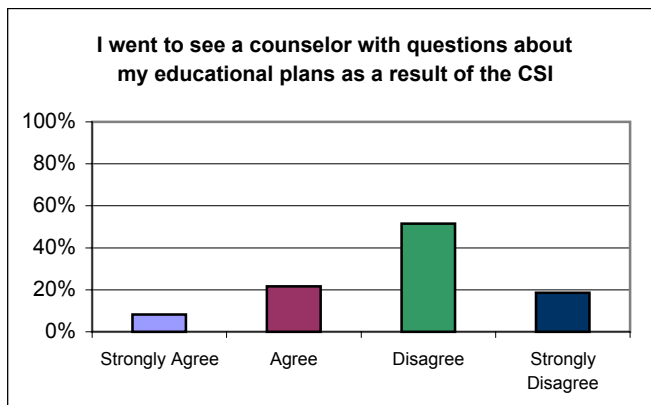
16. I think I did better in the class after learning the results of the CSI

Label	Frequency	Percent
Strongly Agree	8	6%
Agree	25	19%
Disagree	70	53%
Strongly Disagree	30	23%
Total Valid	133	100%
Total Missing	10	
Total	143	

I think I did better in the class after learning the results of the CSI
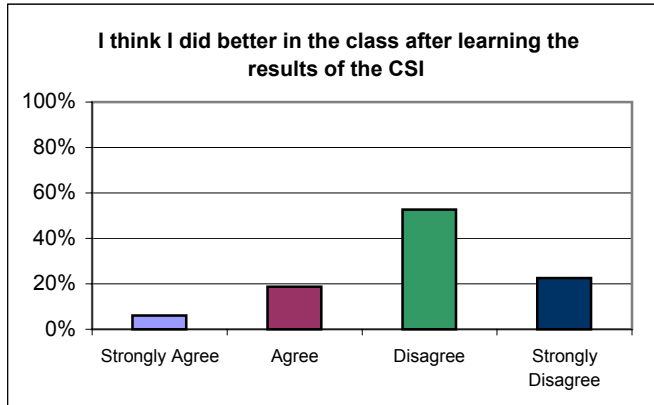
17. I would recommend the CSI to other students

Label	Frequency	Percent
Strongly Agree	11	8%
Agree	73	55%
Disagree	27	20%
Strongly Disagree	21	16%
Total Valid	132	100%
Total Missing	11	
Total	143	

I would recommend the CSI to other students