STEM Project Internal Evaluation

1. D. F. W. rates comparisons for BIOL105

SI was implemented starting Spring 2009 – the following table provides a comparison of Bio 105 DFW rates for multiple semesters.

<table>
<thead>
<tr>
<th>Semester</th>
<th>DFW Rates % (n/N)</th>
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</thead>
<tbody>
<tr>
<td>Spring 2006</td>
<td>42.0% (204/486)</td>
</tr>
<tr>
<td>Fall 2006</td>
<td>43.0% (220/512)</td>
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<tr>
<td>Spring 2007</td>
<td>42.8% (228/533)</td>
</tr>
<tr>
<td>Fall 2007</td>
<td>34.1% (177/519)</td>
</tr>
<tr>
<td>Spring 2008</td>
<td>39.0% (203/521)</td>
</tr>
<tr>
<td>Fall 2008</td>
<td>32.8% (168/512)</td>
</tr>
<tr>
<td>Spring 2009</td>
<td>35.2% (170/483)</td>
</tr>
</tbody>
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2. PAGE program Survey Results
   a. PAGE program Survey Results (Summary)
   b. Question 8 Themes
   c. Question 9 Themes

3. APR Report – due _______
   Note: IR office would prefer to have four-weeks’ time to perform new research and analyses needed for the STEM and HSI Solo grants APR reporting.

4. Future meeting Schedule for 2009-2010 academic year
PAGE Program Survey Results

Q1: What grade level will you be entering this fall?

Out of the respondents who answered the survey, over half of them will be entering either 6th grade or 7th grade (62.9%) this fall.

Q2: What subject did you study this summer?

Out of the respondents who answered the survey, 41.0% of them studied Pre-Algebra, 12.4% of them studied Algebra, 18.1% of them studied Algebra 1A, 14.3% of them studied Geometry, and 14.3% of them studied Algebra II.
Q3: Did you attend the PAGE program last year?

Out of the respondents who answered the survey, 69.5% of them did not attend the PAGE program last year and 30.5% of them attended the PAGE program last year.

Q4: I enjoyed attending the PAGE program this summer.

Out of the respondents who answered the survey, 82.9% of them enjoyed attending the PAGE program this summer, but 17.1% of them did not enjoy attending the program.
Q5: The pace of instruction was appropriate - not too fast or too slow.

Out of the respondents who answered the survey, 77.9% of them thought the pace of instruction was appropriate, but 22.1% of them did not think the pace of instruction was appropriate.

Q6: This program will prepare me to do better in math next year.

Out of the respondents who answered the survey, 98.1% of them thought the program would prepare them to do better in math next year, and only 1.9% of them thought the program would not prepare them to do better in math next year.
Q7: I would recommend attending the PAGE program to a friend.

Out of the respondents who answered the survey, 85.4% of them would recommend attending the PAGE program to a friend, but 14.6% of them would not recommend attending the PAGE program to a friend.

Q8: What was your favorite part of the program?

Summary:

1. Learning math and getting ahead next year.
2. Meeting and working with friends.
3. Learning in fun ways.
4. Good teachers.

Q9: What would you change about the program?

Summary:

1. Change nothing.
2. Time changes such as longer breaks and/or shorter class time.
3. Homework and test changes.
4. More fun and more games.
Q8: What was your favorite part of the program?

1. UM… Maybe getting Better in Math

1. meeting new people

1. going to the college and learning.

1. I Enjoyed been able to learn with friends and been able to make new friends from different schools.

1. When we got to work with partners.

1. My favorite part of the program was learning about systems of equations.

1. The teachers (Mrs. Faradineh) she helped kids one on one but still had time to help everyone.

1. Being able to progress and excel next year

1. Learning how to do Math easier.

1. My favorite part of the program was being able to see my friends.

1. The thought that I was able to attend this program, and achieve in the future.

1. My favorite part was learning and Understanding the concepts I will be learning next year.

1. I got to learn some new math to help me in 8th grade.

1. My favorite part of the program was everything.
1. My favorite part is that we can get actual grades at the end so we know how we did. It is like school.

1. Learning something new each day.

1. My favorite part of the program was being able to learn in fun way such as games of math. Also being able to sit with my friends in class.

1. Las cosas nuevas que aprendi durante el verano (Learning new things in the summer).

1. Learning new things and seeing freinds.

1. Learning new things, but still being able to talk to friends and have fun.

1. Playing Geometry Hangman and Geometry Jeopardy.

1. Tenia la oportunidad de aprender de diferente culturas (had the opportunity to learn from different cultures).

1. Curly fries, and learning

1. When we plated hang-man & Gioparty

1. learning a new subject and preparing me for next year math.

1. Meeting new people. And knowing that when I take the course in my next grade. I will understand most stuff.

1. When we would learn about multiplying & dividing fractions

1. Learning

1. Getting to have fun with my new friends and learning at the same time.
1. Learning new things to prepare me for next year. My favorite part of the program was mostly on everything I learned.

1. Playing games in class.

1. When it ended.

1. Sometimes she lets us play games.

1. learning new things with math in the class.

1. Going home

1. The worksheets

1. Learn how to multiply the fractions

1. When we work on worksheets

1. When we do worksheet we work with a partner but each time we have a different partner and we get to meet different people!

1. It was all pretty good.

1. My favorite part of the program was when it ended.

1. Snack time

1. That we could use the problems on the textbook which will help a lot when we go back to school.

1. Everything

1. Learning new math material that will help me next year and meet new friends.
1. The free time we had and playing games

1. The program was run very nicely no changes would be recommended

1. I like that the Page program will help me next year in math and that I’ll already know now to do it

1. That it will prepare you for next year!

1. My favorite part of the program was getting prepared for math next year and being with my friends.

1. Meeting new friends, getting out to snack early, FREE FOOD!

1. El trabajo (The work).

1. Friends-

1. The notes because they really help me.

1. My favorite part was learning and getting ahead for school in the fall

1. That it really helped me get ready + the following years. And I loved knowing that I learned new helpful things that prepared me:

1. Multiplying and dividing fractions.

1. My favorite part of the program was variables and decimals

1. When we got to leren the fan and easy thing.

1. My favorite part was doing the reldy race it helps you learn your math sometimes
1. **Everything**

1. Probably during break and the relay races because during that time we learned, and had fun.

1. My favorite part was in class was when we take notes because I can always look back when I need help.

1. My Favorite part of this program was that I made new friends and we did relays. I think that the relays were good because we learn math in a fun and exciting way.

1. The break

1. lunch, going home, end party

1. My favorite part of the program is where we learn so much new things so when we go to school, we’ll be a head step of everybody!

1. My favorite part was break time, the relay races in class, and I am prepared for middle school!

1. My favorite part of the program are the wonderful teachers that are patient, thorough in explaining the mathematical process, and are also a lot of fun to learn with. I've attended the PAGE program for 3 summer’s & they get even better every year! Keep it up!

1. The whole part of looking what I am going to get next year. And understanding w/friends.

1. The games and the breaks we had.

1. The fact that we have 2 breaks is pretty good. I also love to get ahead in math so please keep the math summer program going.

1. My favorite part of the program was the classwork, the way the teacher always went over the problems we were stuck on, and the way made friends.
1. The comfortability of the chairs and workspace

1. **Doing work, and playing games.**

1. The breaks

1. Learning some of the new material for next year.

1. being able to learn and getting breaks to cool down

1. Being prepared for next year

1. Being able to be prepared for the following year.

1. Breaks

1. Learning new geometry things every single day!

1. The breaks/lunch

1. **Doing classwork and games.**

1. My favorite part of the program was how the teachers taught. They covered a lot of information and taught it in a fun easy way. I also liked that there was breaks, and finally I liked the fun games we played to learn the lesson.

1. The program learned me a lot things like proportion, percent, and decimal. The break was most favorite because you can go to the store and other places.

1. **nothing**

1. **Learning Fractions, Decimals, and Percents and Meeting more Friends**

1. The break and friends and meeting new people.
1. I only liked hanging out with my friends

1. Meeting new friends and learning math with them was my favorite part of the program.

1. The daily packet

1. My favorite part was the worksheet because it was fun.

1. I like when we do work and go on the break.

1. When we go to lunch & e all of our friends & when we are in class learning about new things.

1. the end

1. My favorite part was learning about proportions

1. My favorite part of the program is the games, in class.

Themes:

- Learning Math and Getting Ahead Next Year
- Meeting and Working with Friends
- Everything
- Teachers
- Learning in fun ways
- Negative Notes
- Miscellaneous
Q9: What would you change about this program?

1. IDK

1. nothing

1. Everything is fine. I wouldn’t change anything.

1. I would like the teacher to take more time explaining the Lessons.

1. I would change nothing it was okay.

1. I would make it one week shorter because I would like to have more vacation time.

1. Nothing. Everything was so good nothing should change

1. Nothing

1. Nothing.

1. The tests? Just one final exam no tests every week.

1. Nothing.

1. One thing I would change is the homework. It is our summer and we are already dedicating half of it to learn. I am not saying we should have no homework, just that is should be cut down.

1. Nothing 0

1. I would change nothing.

1. nothing 😊
1. Nothing it was very helpful and I liked it.

1. What I would change about the program would be not as many noter taking each day as wll as homework each night.

1. Everything is ok.

1. Giving less homework and more checkpoints.

1. more educational games in it

1. No cambiare nada (No nothing)

1. I would like to have skateboards allowed in campus to get

1. They should get classes with whiteboards instead of chalkboards. Have more breaks and play games about math.

1. A class room w/ windows

1. I wouldnt change anything to this program.

1. Pienso Que por el momento todo esta bien me gusto (I think at this momento everything is fine with me)

1. Change the time for when we get out

1. The time

1. Having two Subjects rather then one.

1. I wouldn’t change anything because, everything was well prepared
1. More activities

1. I would cancel it.

1. That we get a longer breaks.

1. There is nothing to change.

1. We can leave early.

1. I would have school end at 12 o’clock instead of 1 o’clock

1. No

1. Nothing

1. I would change the time to 8:15 because 7:50 is too early in the morning!

1. I think the teacher could make math more exciting. Maybe more activities like math games, math challenges, races. I don’t like only sitting and listening.

1. The length of the class(time).

1. I would change the program by making it so that ALL the material is something we haven’t learned before. The only new material I learned was the last week and a half.

1. Get out sooner.

1. A little more worksheets and less work from book and more entertainment.

1. I would change the time length and make it a bit shorter, per day.

1. Nothing.
1. Everything was “A” ok.

1. More free time

1. The teacher was professional & provided materials that kept my student/son intuned to do the work. He never got bored of Felt like he knew the information my son really liked the class. Thank you.

1. We didn’t have fun in our class so I think there should be more fun math classes we could do like Math jeopardy of something and free snacks for the students.

1. A little more entertainment!!!

1. –Make days shorter –have more breaks –Snacks

1. Earlier dismissal, earlier snack time

1. Nada (Nothing).

1. the teacher. This program needs a caring +patient teacher who understands that questions should be allowed-not just before kids do their work-but questions should be welcome as kids do the work. We all learn differently.

1. Nothing, its fine.

1. I think I would change how the long the breaks are. This means I would make them a little longer

1. Maybe it ends about 2:05 because it gives me more time to study & learn more things. Also maybe a few other subjects. And maybe I think any kid should be able 2 participate in these classes. Thank you so much?! ☺

1. Nothing

1. more break to rest our mind so we can think better
1. I think there shod be more time for break because there is only math

1. Dont know mone fun and works

1. I would change the breaks because we only hav 1 break for the whole day.

1. more breaks & less homework.

1. I would chang is the homework because there is no such thing is homework in summer…. and it not felir to us we work 2 time harder then the two other classes.

1. What I would change about this program is that we should have longer break times?

1. More Break Time and maybe some doughnuts

1. longer lunchers

1. No, I wouldn’t.

1. I would change the amount of homework the schuedules, and the time the class starts.

1. I don’t think the Program needs any changes this year. This is my best year yet and I hope the program keeps running for a couple more years. I just hope that the program stays at citrus to prepare us for a college campus. I will be more than happy to lobby for this program if there is ever need to do so!

1. Less test and working more on problems like class work and Questions on board but not so much class-work.

1. I like it just the way it is. I hope this keeps on going so my little brother can enter once he starts pre-algebra.

1. I believe that there should have been more breaks.
1. The amount of time for classwork/home work should be longer.

1. Having more breaks or only having a shorter time of class like from 8:00 am to 10:30 a.m.

1. Having more breaks

1. More interactive activities like review games.

1. nothing everything’s ok

1. We should try to cover the whole book, or at least as much possible.

1. Having the break schedule change. Longer because kids, I think, don’t have enough time for food etc.

1. Yes, we should have longer breaks.

1. No

1. The breaks, to make them longer! (at least an hour)

1. free snacks and games.

1. Free snacks at break like at Gate Summer School.

1. ???

1. I would change about the program is the breaks it should like 20 min. I would take out lessons that I already now from the school year.

1. I would put more fun into math.
1. I would like to have two breaks. One of the breaks would be 15 minutes. The second break I would like it to be 25-30 minutes.

1. 2 breaks not one and it to start at 8:00 and start 8:05

1. I would change the amount of break we have and extend it a little.

1. Shorter time in class. A longer break.

1. less testing! More fun!

1. I think the break should be longer. 😊

1. Longer work time and early dismissal.

1. I would change the time for lunch because we get a little bit of time to eat, and learn more stuff instead of working by ourselves.

1. Only 3 hours rather than 5 hours of learning

1. I wouldn’t change anything

1. I don’t think I would change about the program.

**Themes:**

- Time Changes
- Homework and Test Changes
- Change Nothing
- More Fun and Games
- Miscellaneous