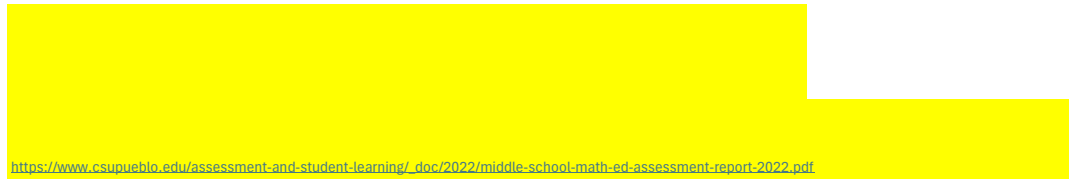




2024 Academic Program Assessment Report
Middle School Math, B.S.

Program current assessment plan here:

Program prior assessment report here:



Report Completed By:	Jeff Piquette
Date Report Completed:	May 31, 2024
Faculty members involved in this Assessment:	

Please describe this year's assessment activities and follow-up for your program below. (Separate sheet for each undergraduate major,	
Brief Statement of Program Mission and Goals:	To engage and empower our community of learners and develop professional educators who respect diversity, advance social justice, and promote academic excellence through immersion in equitable exploration.

I. Assessment of Student Learning Outcomes (SLOs) in this cycle. Including

A. Your program SLOs are pasted here verbatim from your assessment plan. Please enter info in columns B-H only for those assessed during this annual cycle.	B. When was this SLO last reported on prior to this cycle? (semester and year)	C. What method was used for assessing the SLO? Please include a copy of any rubrics used in the assessment process.	D. Who was assessed? Please fully describe the student group(s) and the number of students or artifacts involved (N).	E. What is the expected proficiency level and how many or what proportion of students should be at that level?	F. What were the results of the assessment? (Include the proportion of students meeting proficiency.)	G. What were the department's conclusions about student performance?	H. What changes/improvements to the program are planned based on this assessment?
1. Demonstrate a deep understanding of mathematical concepts appropriate for middle school, including algebra, geometry, statistics, probability, and number theory.	Never. This is the first year we had graduates.	<u>Program rubrics used by faculty to assess performance would take up over 50 pages of space so are not included. Complete performance rubrics are available on the SoE web site here. Applicable standards for this SLO is 2.10.2.1.1.</u>	All students completing the MS Math major for the current academic year (n=2)	Expectations include all of the following: a) all program completers should receive ratings of 3.00 or higher on assessments of performance on all program standards and avg. ratings by the group should be >3.00, b) >80% of graduates and their supervisors'/ principals' ratings of performance are proficient (3.00 or >) and avg. ratings are >3.00 on evaluations of all standards for the group after one year of teaching.	a) All completers had ratings of 3.0 or higher on applicable program standards. The average for this group across applicable standards was 3.5. These are above benchmark and exceed expectations. b) Not Applicable for this year since these are our first graduates.	In general, our graduates have solid content knowledge in mathematics.	None for this SLO this year.
2. Apply mathematical reasoning and problem-solving skills to a variety of situations.	Never. This is the first year we had graduates.	<u>Program rubrics used by faculty to assess performance would take up over 50 pages of space so are not included. Complete performance rubrics are available on the SoE web site here. Applicable standards for this SLO is 2.10.2.1.1.</u>	All students completing the MS Math major for the current academic year (n=2)	Expectations include all of the following: a) all program completers should receive ratings of 3.00 or higher on assessments of performance on all program standards and avg. ratings by the group should be >3.00, b) >80% of graduates and their supervisors'/ principals' ratings of performance are proficient (3.00 or >) and avg. ratings are >3.00 on evaluations of all standards for the group after one year of teaching.	a) All completers had ratings of 3.0 or higher on applicable program standards. The average for this group across applicable standards was 3.5. These are above benchmark and exceed expectations. b) Not Applicable for this year since these are our first graduates.	Again, our graduates have solid mathematical reasoning and problem solving skills.	None for this SLO this year.

3. Communicate mathematical ideas both verbally and in writing using both everyday language and mathematical terminology.	Never. This is the first year we had graduates.	Program rubrics used by faculty to assess performance would take up over 50 pages of space so are not included. Complete performance rubrics are available on the SoF web site here. Applicable standards for this SLO is 2.11, 8.9.	All students completing the MS Math major for the current academic year (n=2)	Expectations include all of the following: a) all program completers should receive ratings of 3.00 or higher on assessments of performance on all program standards and avg. ratings by the group should be >3.00, b) >80% of graduates and their supervisors'/ principals' ratings of performance are proficient (3.00 or >) and avg. ratings are >3.00 on evaluations of all standards for the group after one year of teaching.	a) All completers had ratings of 3.0 or higher on applicable program standards. The average for this group across applicable standards was 3.0. These are at benchmark and right at expectations. b) Not Applicable for this year since these are our first graduates.	This was the lowest rated SLO for this first batch of graduates. It looks like honing mathematical communication (especially with regard to using mathematical terminology) is an area to try to address.	The School of Education will engage faculty who are teaching courses that most directly address this SLO (ED 417, MATH 362) and see if there are obvious ways to enhance these skills, keeping in mind that this is only 2 students.
4. Demonstrate proficiency with pedagogical strategies to enhance student engagement and learning.	Never. This is the first year we had graduates.	Program rubrics used by faculty to assess performance would take up over 50 pages of space so are not included. Complete performance rubrics are available on the SoF web site here. Applicable standards for this SLO is 1.3, 2.9, 5.1, 5.2, 5.3.	All students completing the MS Math major for the current academic year (n=2)	Expectations include all of the following: a) all program completers should receive ratings of 3.00 or higher on assessments of performance on all program standards and avg. ratings by the group should be >3.00, b) >80% of graduates and their supervisors'/ principals' ratings of performance are proficient (3.00 or >) and avg. ratings are >3.00 on evaluations of all standards for the group after one year of teaching.	a) All completers had ratings of 3.0 or higher on applicable program standards. The average for this group across applicable standards was 3.5. These are above benchmark and exceed expectations. b) Not Applicable for this year since these are our first graduates.	In general, our graduates have strong pedagogical strategies that enhance student learning.	None for this SLO this year.

Comments on part I:

II. Closing the Loop. Describe at least one data-informed change to your

A. What SLO(s) or other issues did you address in this cycle? Please include SLOs verbatim from the assessment plan, as above.	B. When was this SLO last assessed to generate the data which informed the change? Please indicate the semester and year.	C. What were the recommendations for change from the previous assessment column H and/or feedback?	D. How were the recommendations for change acted upon?	E. What were the results of the changes? If the changes were not effective, what are the next steps or the new recommendations?
None. First year of report.				

Comments on part II: