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TY NAME: Amanda Lombard DATE SUBMITTED: 1/24/24				
PREVIOUS VERSION DESCRIPTION	CULTURALLY REPONSIVE CHANGES DESCRIPTION(S)	CULTURES or LEARNING STYLES ADDRESSED THROUGH THESE REVISIONS		
Nothing about diversity and inclusion	Added a diversity statement to the beginning of my syllabus to let students know their unique culture and background is valued in this classroom			
information: Updated syllabus included in files on T	Feams			
information:				
information:				
Powerpoint lecture to present integer operations	Small groups teach each other and use hands on manipulatives to practice integer operations; encourage use of language of origin to interact with each other	Students who speak Spanish, Mixteco, etc as their first language are celebrated		
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Research a mathematician and present to the class	Research a BIPOC, female, or other minoritized mathematician to present to the class. Discuss a challenge or barrier the mathematician had to overcome. What is one way you resonate with this mathematician?	Women, BIPOC, or any other minoritized group		
Present the solution to a homework problem on the board each unit	Present the solution to a homework problem each unit either on the board, in a video posted on Flip for classmates to watch, or in a step- by-step PowerPoint presentation posted on Canvas for classmates to follow	Students are showing competency in presenting the solution to a problem as they will need to do this in their future careers, bu can choose from multiple modalities.		
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Learn about ancient numeration systems (Egyptian, Mayan, Babylonian, Roman)	Highlight the contributions of different cultures. Have each group research a different ancient numeration system to learn about the history and how different civilizations influenced one another. Who gets credit for the numeration system? Who doesn't get credit?	Students can choose a culture that is interesting to them, perhaps one of their ancestry.		
information: Watch video to introduce the history of	f numeration systems from different cultures https:/	/youtu.be/cZH0YnFpjwU		
Lecture to present different arithmetic methods		Japanese Multiplication model, Korean addition and subtraction, cultures that use different bases, Switzerland addition starting from the left, Russian multiplication of large numbers and "peasant algorithm", division		
	PREVIOUS VERSION DESCRIPTION Nothing about diversity and inclusion einformation: Updated syllabus included in files on T einformation: powerpoint lecture to present integer operations einformation: Research a mathematician and present to the class Present the solution to a homework problem on the board each unit einformation: Mathematician Project included in file Learn about ancient numeration systems (Egyptian, Mayan, Babylonian, Roman) einformation: Watch video to introduce the history or	PREVIOUS VERSION DESCRIPTION CULTURALLY REPONSIVE CHANGES DESCRIPTION(S) Nothing about diversity and inclusion Added a diversity statement to the beginning of my syllabus to let students know their unique culture and background is valued in this classroom information: Updated syllabus included in files on Teams Image: Comparison of the syllabus included in files on Teams information: Small groups teach each other and use hands on manipulatives to practice integer operations Powerpoint lecture to present integer operations Small groups teach each other and use hands on manipulatives to practice integer operations; encourage use of language of origin to interact with each other information: Research a mathematician and present to the class Research a BIPOC, female, or other minoritized mathematician to present to the class. Discuss a challenge or barrier the mathematician had to overcome. What is one way you resonate with this mathematician? Present the solution to a homework problem on the board each unit Present the solution to a homework problem each unit either on the board, in a video posted on Flip for classmates to watch, or in a step- by-step PowerPoint presentation posted on Canvas for classmates to follow information: Mathematician Project included in files on Teams Highlight the contributions of different cultures. Have each group research a filterent ancient numeration system to learn about the history and how different cultures havich influen		

Classroom Environment	Class begins very teacher centered with me going over homework questions	Class begins with a slide up on the board to encourage a "Math Talk" with students in groups	Cooperative learning and discussion about different ways to solving the same problem meets the needs of multiple intelligences	
RESOURCES USED and where to find more information: "Week 1" is an example of the Math Talk slides in files on Teams				
Grading Policies				
RESOURCES USED and where to find more information:				
Learning Goals				
RESOURCES USED and where to find more information:				

***Things to keep at the forefront of your mind while modifying curriculum to be culturally responsive and humanizing:

Seek-out, recognize, and address bias within the curriculum components.
Highlight representations from the cultures that reflect the students we serve.
Seek insights from students to assist in the designing of curriculum and accuracy of portrayals.
Bring real-world and community issues into the curriculum and seek ideas from students regarding actions.
Highlight power dynamics, privilege, and historical oppression.
Utilize multiple perspectives from different cultural groups.
Seek to reach multiple learning styles / intelligences.

COURSE NAME: Math 105- Math for Teac	chers			
FACULTY NAME: Amanda Lombard	DATE SUBMITTED: 8/11/23			
COURSE COMPONENT	PREVIOUS VERSION DESCRIPTION	CULTURALLY REPONSIVE CHANGES DESCRIPTION(S)	CULTURES or LEARNING STYLES ADDRESSED THROUGH THESE REVISIONS	
Syllabus	Nothing about diversity and inclusion	Added a diversity statement to the beginning of my syllabus to let students know their unique culture and background is valued in this classroom		
RESOURCES USED and where to find more i	nformation: Updated syllabus included in files on T	Feams		
Course Units				
RESOURCES USED and where to find more i	information:			
Reading Assigned/Textbook				
RESOURCES USED and where to find more it	information:			
Instructional Methods	Powerpoint lecture to present integer operations	Small groups teach each other and use hands on manipulatives to practice integer operations; encourage use of language of origin to interact with each other	Students who speak Spanish, Mixteco, etc as their first language are celebrated	
RESOURCES USED and where to find more i			·	
Assignments	Research a mathematician and present to the class	Research a BIPOC, female, or other minoritized mathematician to present to the class. Discuss a challenge or barrier the mathematician had to overcome. What is one way you resonate with this mathematician?	Women, BIPOC, or any other minoritized group	
	Present the solution to a homework problem on the board each unit	Present the solution to a homework problem each unit either on the board, in a video posted on Flip for classmates to watch, or in a step- by-step PowerPoint presentation posted on Canvas for classmates to follow	Students are showing competency in presenting the solution to a problem as they will need to do this in their future careers, but can choose from multiple modalities.	
RESOURCES USED and where to find more it	nformation: Mathematician Project included in file			
Activities	Learn about ancient numeration systems (Egyptian, Mayan, Babylonian, Roman)	Highlight the contributions of different cultures. Have each group research a different ancient numeration system to learn about the history and how different civilizations influenced one another. Who gets credit for the numeration system? Who doesn't get credit?	Students can choose a culture that is interesting to them, perhaps one of their ancestry.	
RESOURCES USED and where to find more it	nformation: Watch video to introduce the history o	f numeration systems from different cultures https:/	/youtu.be/cZH0YnFpjwU	
Instructional Methods	Lecture to present different arithmetic methods	Students rotate through stations to learn arithmetic strategies from around the world	Japanese Multiplication model, Korean addition and subtraction, cultures that use different bases, Switzerland addition starting from the left, Russian multiplication of large numbers and "peasant algorithm", division from Laos	
RESOURCES USED and where to find more i	Information: New models discussed in article "Mult	L icultural Mathematics" in files on Teams	ITOIII LAUS	

Classroom Environment	Class begins very teacher centered With me going over homework questions	Class begins with a slide up on the board to encourage a "Math Talk" with students in groups	Cooperative learning and discussion about different ways to solving the same problem meets the needs of multiple intelligences	
RESOURCES USED and where to find more information: "Week 1" is an example of the Math Talk slides in files on Teams				
Grading Policies				
RESOURCES USED and where to find more information:				
Learning Goals				
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