



# UNIVERSITY OF LA VERNE

## Lesson Plan Math Unit

The math unit assignment consists of understanding the NCTM mathematic content and processing standards and integrating them into pre-planned, developmentally appropriate mathematics lessons for young children. Two of your pre-planned lessons must be presented in your last five hours of fieldwork. The math unit will consist of the following:

- Construct one lesson for each mathematical content strand following the provided lesson plan format. You will develop five (5) lessons. The NCTM strand and component must be identified on the lesson, as well as the lesson goal and objective.
- Lessons must be based on developmentally appropriate practices and must include a pre and post explanation of assessment.
- The use of manipulatives/props should be integrated into every lesson.
- Three to six vocabulary terms should be introduced or reviewed. The lesson plan will also include four (4) specific, open-ended questions that relate to the lesson objective.
- The lesson plan will include detailed instructions of the activity children participate in as they discover the mathematical concept being introduced or practiced. The activity may be independent practice or teacher directed.
- Four (4) additional extension activities will be included on the lesson plan. Extensions may teach the objective in a different way, scaffold on the presented objective, or incorporate the objective into other subject areas. The same objective must be explored in the extension activities.
- Differentiated instruction will be addressed in the lesson plan
- All materials and resources needed must be written on the lesson plan.
- The self-assessment component is due for the two lessons that are implemented during the fieldwork hours. The other three lessons will include a reflection.
- Prepared lessons must be written in a clear manner with the correct use of grammar, spelling, and language mechanics.

Modification of this syllabus may be made at any time at the discretion of the professor or the department.



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Student name: \_\_\_\_\_ ID# \_\_\_\_\_ Course# \_\_\_\_\_

<b>Content Area:</b>		<b>Age Group:</b>	
<b>Lesson Title:</b>		<b>Standard:</b>	
<b>Pre-Assessment:</b>			
<b>Lesson Goal:</b>			
<b>Lesson Objective:</b>			
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<b>Post-Assessment:</b>			
<b>Hooks, Props, or Other Means of Introducing the Lesson</b>			
<b>Children's Literature</b>	<b>Title:</b>	<b>Author:</b>	
<b>Vocabulary</b>	1.	2.	3.
	4.	5.	6.
<b>Materials and Resources Needed For the Lesson</b>			
<b>Open-Ended Thought Provoking Questions</b>	1. 2. 3. 4.		
<b>Teacher-Directed</b>			

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<b>Teacher-Directed Or Independent Practice</b>	
<b>Differentiated Instruction</b>	<b>Modification:</b>  <b>Explanation:</b>
<b>Extension Activities</b>	1.  2.  3.  4.
<b>Optional Information Needed for Specific Course:</b> <b>(Identify NCTM processing strands met in this lesson.)</b>	
<b>Assessment of Lesson (2 taught lessons) or Reflective Thought (3 planned lessons)</b>	