

Michelle Reyes V.

ED609-81

Philosophy for Teaching Math

As an aspiring teacher and a once elementary student, I have experienced many valuable lessons that have helped me acquire various do's and don'ts that will play a key role in my teaching journey of Mathematics. Although as a student I did not enjoy math, I will be taking my personal experiences and working hard to make sure my future students have a positive and quality experience learning. As a student in the ED 609 course I have come to learn what it means to really engage students in the learning process of mathematics, and the importance of scaffolding because not every student learns the same way. My current philosophy and theory of teaching math and learning math is:

- ❖ Manipulatives are important and an essential part of a lesson.
- ❖ Always explain that students are in a safe place, that making mistakes is okay and an important part of learning.
- ❖ Making connections between math and the students background knowledge, interest, and real world experiences such as holidays will increase engagement and motivation.
- ❖ Include accessible goals that are attainable for all students in the classroom.
- ❖ Let students explore! Whether that be in partners, groups or individually.
- ❖ Learning math should NOT be a frustrating experience.

- ❖ Let students know that there is more than one way to solve any and every problem. There is not one way that is correct, if it works for you then use it!