

## **Ms. Konstantopoulos's Pedagogical Philosophy**

My pedagogical philosophy entails the value of bridging theory into practice by engaging students in challenging and exciting ideas in mathematics. I value the importance of providing every student with adequate exposure to the basic concepts in mathematics. That way, students have the opportunity to gain fundamental knowledge on as many concepts as possible, allowing for students to become critical thinkers. Valuing multiple sources of knowledge is also essential as a future educator. With that said, it is important to be able to acknowledge the fact that every student learns differently and that there is no right or wrong way for learning.

Even though my goal is to become a teacher, I also envision myself taking on the role of a "student" within a classroom environment. As a student, I will learn the culture of my own students. I will also learn the different learning needs that my classroom will consist of. I will be able to adapt to the culture and alter my teaching instructions so that every student develops a mathematical understanding. Conversely, students will portray leadership skills in a classroom by interacting with their peers.

In addition to meeting the needs of every student, it is essential that I incorporate many different types of teaching strategies and that I include multiple means of representation in order for students to master a certain topic. One example would be to provide visuals with mathematical equations. As a result, this will enhance learning and create a universal enrichment where all students benefit from.

Lastly, I value student-teacher relationship. I believe forming a connection with the students is crucial in order to develop successful learning in a classroom. A teacher needs to be able to actively engage students. In order to do that, both the students and teacher need to be able to trust one another. Thus, providing a safe classroom community, where students can collaborate and share their ideas will ultimately create a learning environment