

Teaching Statement

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My passion for teaching mathematics was profoundly influenced by my high school calculus teacher, whose compassion and dedication left a lasting mark on me. His unwavering commitment to our understanding of the subject, coupled with his patient guidance, made me realize that with the right teacher, I could excel in mathematics. His approach transformed complex concepts into accessible and fascinating ideas, sparking my lifelong appreciation for mathematics. As a teacher, my goal is to instill a similar belief in my students. I strive to teach topics with as much simplification as possible, demonstrating genuine empathy for their learning journey, and inspiring them to pursue mathematics.

My approach to teaching is rooted in genuine empathy for my students. I believe that with the right support and encouragement, every student can improve their understanding of any topic. To foster this belief, I emphasize the importance of having confidence in their prerequisite skills and encouraging a positive mindset toward learning. I prioritize creating an environment where students feel comfortable actively participating in lectures and asking questions whenever something is unclear. By cultivating the habit of thinking critically about the questions posed during lectures, I aim to engage students deeply with the material covered. My goal is to make them feel empowered and confident in their ability to succeed in mathematics, reinforcing the idea that they can overcome any challenge with persistence and effort.

When delivering content, I believe that strong foundational knowledge is crucial for success in mathematics. I recognize that foundational skills can sometimes be forgotten, so I incorporate regular reviews to reinforce these essential concepts, even if they may seem trivial. By working on related problems in class, I provide practical applications of theoretical concepts and encourage students to continue practicing until they feel confident in their understanding of the subject. This approach ensures that students have a solid grasp of the basics, which is essential for mastering more advanced topics.

Creating an interactive and supportive classroom environment is equally important to me. I strive to promote maximum student engagement with the topics covered, ensuring that participation comes from all students, not just a few. I encourage students to ask questions, think critically about the material, and participate actively in lectures. By fostering a culture of curiosity and inclusion, I aim to create a learning space where students feel comfortable and motivated to engage with the content. This environment helps them develop the problem-solving skills necessary to excel in mathematics and builds their confidence in their abilities.

In summary, my teaching philosophy is grounded in empathy, engagement, and a commitment to foundational understanding. By simplifying complex topics, encouraging active participation, and fostering a positive learning environment, I aim to inspire my students to see the utility of mathematics. I am dedicated to guiding them through their learning journey, helping them build confidence in their abilities, and equipping them with the skills needed for success in their academic and professional pursuits. My ultimate goal is to empower my students to overcome challenges, embrace the joy of learning, and develop a lifelong appreciation for mathematics.