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TEACHING PHILOSOPHY STATEMENT

My goal as a mathematics educator is to empower my students to approach problems and challenges with a mathematical mindset, one characterized by logical and creative thinking. I want my students to see that mathematics is not just a collection of formulas or a sequence of computations, but come to appreciate mathematics as a study of logical structures that foster endless creativity.

To achieve this goal, I have adopted a student-centered approach to teaching, one that emphasizes active learning and personal responsibility. This involves utilizing Bloom's Taxonomy to encourage critical thinking, implementing the flipped classroom model to provide students with opportunities to actively develop higher order thinking skills, and fostering a growth mindset through productive struggle and mastery learning.

My teaching style is based on a commitment to guiding students to discovery rather than simply imparting knowledge. The goal of education should not be to fill students with information, but to equip them with the skills and strategies necessary for lifelong learning. To this end, I strive to provide an environment that encourages inquiry and risk-taking, and to model the practices of a self-sufficient learner.

In conclusion, I believe that a successful mathematics class is built upon a partnership between teacher and student, with clear goals and a shared understanding of the methods by which they will be achieved. I strive to provide a challenging, dynamic, and rewarding learning experience for each of my students.