

Math Matrix SOW

The Math Matrix is an online, asynchronous, flexible, competency-based professional learning system. Teachers are each assigned Navigators who follow them throughout the program to support them and provide feedback on assignments and activities. It is self-paced, although each course should be able to be completed within 2-4 weeks, with the total being about 60 hours. The set of courses focus on both pedagogical content knowledge and mathematical knowledge based on research-based best practices and instructional strategies. All teachers will complete the following courses: • Big Picture for all K-12, focused on mathematics teaching pedagogy • Fostering Mathematics Proficiency for all K-12, focused on mathematics teaching pedagogy • Algebraic Reasoning for 6-12, focused on applying pedagogy and deepening content knowledge • Number Sense and Operations for K-5, focused on applying pedagogy and deepening content knowledge • Practicum for all K-12 for teachers to evidence their learning