

Miami University Partnership for Enhancing the Teaching of Mathematics [MUPET-Math] (ODE)

Funding Agency:

Ohio Department of Education (ODE)

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Evaluation:

1 Year

\$52,000

Ohio's Evaluation and Assessment Center for Mathematics and Science Education (E & A Center) is evaluating the MUPET-Math project. This project is a collaborative effort between Miami University, Middletown, Talawanda, and Winston Woods City Schools. The project fosters student achievement in mathematics through proficient teacher capacity in Ohio Academic Content Standards (OACS). The E & A Center will monitor program implementation and assess how well the project will reach its goals of (a) enhancing teacher understanding and capacity to use OACS, (b) developing deeper content knowledge and teaching skills

of participating teachers, (c) enhancing the sustainability of professional development, and (d) improving student achievement.

The evaluation will consist of gathering quantitative data to provide a formative and summative analysis of the project. Participating teachers are to complete two pre-tests: one measuring their mathematics content knowledge and the second measuring how well they teach the content. Post-tests will be administered to measure the level of improvement in content and teaching knowledge. Questionnaires will also be used to collect additional data needed for the analysis.

This project is currently being evaluated and results are inconclusive.

This project demonstrates the E & A Center's ability to collaborate with local area schools and provide feedback regarding teacher content knowledge.