

Evaluation of Ohio Mathematics and Science Partnership [OMSP] Program (ODE)

Funding Agency:

Ohio Department of Education (ODE)

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Evaluation:

3 Years
\$675,000

Ohio's Evaluation and Assessment Center for Mathematics and Science Education (E & A Center) is evaluating the OMSP. The OMSP project is a statewide initiative which funds multiple science and mathematics professional development projects in grades K-12 across the state. The purpose of the OMSP evaluation is to (a) gain a more comprehensive understanding of the projects funded under the OMSP initiative, (b) provide information to guide programmatic improvements, and (c) determine overall effectiveness of these professional development programs. The E & A Center will evaluate the effectiveness

and the implementation of these projects throughout the state.

The evaluation will combine both qualitative and quantitative methods to describe the effects of the local OMSP projects on teacher knowledge, teaching practices, and student achievement. Quantitative methodologies will include questionnaires that assess the following: (a) a teacher's understanding of math and science, (b) teaching practices, (c) content knowledge, and (d) student achievement. Qualitative methodologies will include interviews that assess the impressions of key stakeholders regarding changes that were made during the project as well as why those changes were made.

This project is currently being evaluated and results are inconclusive. However, findings will be used to provide a more comprehensive understanding of the projects. Information gathered will help determine the effectiveness projects and provide necessary feedback to participating institutions.

This project shows the E & A Center's ability to gather, analyze, and evaluate large-scale data from mathematics and science projects across Ohio.