

Beyond Penguins and Polar Bears: Literacy and IPY (NSF)

Funding Agency:
National Science Foundation (NSF)

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Evaluation:
3 Years
\$98,000

Ohio's Evaluation and Assessment Center for Mathematics and Science Education (E & A Center) serves as an evaluator for the Beyond Penguins and Polar Bears: Literacy and IPY project. The project focuses on increasing science literacy in children by integrating basic concepts through the study of animals living in polar regions. The E & A Center will assess how well the project reaches its goals of: (a) providing context to online resources; (b) amplifying resource discovery and access to resources, for various audiences; (c) disseminating deliverables through various means; and (d) evaluating the

impact of the materials on K-5 elementary teachers and their students.

The evaluation will consist of qualitative and quantitative data that will be used to provide both formative and summative analysis of the project. Teachers and student of participating teachers will be asked to complete pre- and post-assessment questionnaires regarding course materials.

This project is currently being evaluated and results are inconclusive.

This project demonstrates the E & A Center's ability to use unique resources to increase science literacy in children.