

Plan Overview

A Data Management Plan created using DMPTool-Stage

Title: TALES

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TALES

Data will be collected on the gains of participating students in attitude, knowledge, and behavior as it relates to informal science learning and biology.

The project will use a collaborative, design-based implementation research (DBIR) approach to develop and continuously improve the TALES project. DBIR has four key principles: 1) focus on a persistent problem of practice, 2) a commitment to collaborative, iterative design, 3) development of theory and knowledge related to both learning and implementation using systematic inquiry, and 4) development of capacity for change in systems. Through prior work, collaborations, and discussions the stakeholders for this project identified the relevance of science instruction to students lives, students' lack of access to real-world problems, and lack of authentic scientist role models as persistent problems of practice that contribute to the dearth of student achievement in science and pursuit of science careers.

The research data from this project will be kept within a digital repository of the Center for Advancement of Informal Science Education to ensure that the research community has long-term access to the data. Digital data will also be accessible through Nashville Zoo, Vanderbilt University, and The Evaluation Learning Research Center at Purdue University's College of Education. This proposed plan leverages the capabilities of archival staff at each institution.

Question not answered.

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