The Impact of Geospatial Inquiry Lessons on Student Interest in Science and Technology Careers

Research Questions

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- What relationships exist between teachers' context, knowledge, skills, abilities, implementation of Geospatial Inquiry lessons, Geospatial technology (GST) performance and a) student interest in science or technology, b) student interest in science and/or student interest in technology careers?
- What relationships exist between students' context, backgrounds, attitudes about science, and interest in science, technology, or careers in these fields?
 Overview of Complete Project with Focus of Current Study Outlined





- Teachers (n=82) participated in professional learning Teachers' submitted Geospatial Inquiry lessons and implementation surveys to be scored for alignment with Geospatial Inquiry principles
- Students (n=1924) completed post-lesson retrospective surveys

Generalized linear modeling and hierarchical analysis were

Context such as facilitator, teacher, and student characteristics, curriculum, policy and working environment used to analyze data

