

MSP Statewide Evaluation Program

The goal of this project is to be able to evaluate:

1. The alignment between selected aspects of K-12 science teachers' PCK and the new science frameworks and science assessment.
2. The alignment between existing or newly-created documents and the new science frameworks and science assessment.
3. The K-12 science teachers' science content knowledge relative to identified grant goals.

This will allow the Math/Science Partnership Statewide Evaluation Program (MSPSEP) to be able to report on the extent of the alignment between the new science frameworks and the science assessment and the intended, enacted and assessed curriculum at the teacher, grade level, school and SAU level both before and after the MSP grant activities. In many projects this will allow pre- and post-activity analysis to determine the effectiveness of the grant-related activities. It may also be possible to assess student and/or teacher understanding of science content and concepts by developing a science content assessment instrument. This instrument would augment the assessment results available from the implementation of the science assessment.

Goal #1: Develop a survey instrument and protocols to assess the alignment between selected aspects of Science Teachers' Pedagogical Content Knowledge and Perceived Science Content Knowledge with the new New Hampshire Science Frameworks and the science assessment

Goal #2: Develop a rubric and protocols to assess the alignment of grant-produced documents with the new science frameworks and science assessment

Goal #3: Develop Science Content Assessments specifically for the goals established by each of the content-based grants