

Teacher Portfolio Artifact Cover Sheet

ACEI STANDARD #: 2.2 Science

2.2 Science—Candidates know, understand, and use the fundamental concepts in the subject matter of science—including physical, life and earth and space sciences—as well as concepts in science and technology, science in personal and social perspectives, the history and nature of science, the unifying concepts of science and the inquiry processes scientists use in discovery of new knowledge to build a base for scientific and technological literacy.

Element A: Candidates have in-depth understanding of and experience w. abilities needed to do scientific inquiry.

Element B: Candidates understand the concepts in the subject matter of physical, life, earth and space sciences with in-depth knowledge of at least one of these.

Element C: Candidates understand naïve theories and misconceptions about scientific and technological phenomena and help students build understanding to avoid naïve theories and misconceptions.

Element D: Candidates have in-depth understanding of how science influences everyday living, personal health, characteristics and changes in populations, changes in environments, the use of science and technology in local challenges.

Element E: Candidates exhibit a high level of competency in teaching the content and fundamentals of physical, life, earth and space sciences using a variety of strategies.

NAME OF ARTIFACT: Methods Science Project – Lesson Plan

TYPE OF ARTIFACT: Science Lesson Plan

Brief description of artifact:

Brief description of how artifact demonstrates ACEI Standard 2.3:

Attached is the assignment that generated this artifact, the lesson plan from within the project, and the artifact scoring rubric completed by a Keene State College instructor.