

Teacher Portfolio Artifact Cover Sheet

ACEI STANDARD #: 2.3 Mathematics

2.3 Mathematics—Candidates know, understand, and use the major concepts, procedures, and reasoning processes of mathematics that define number systems and number sense, geometry, measurement, statistics and probability, and algebra in order to foster student understanding and use of patterns, quantities, and spatial relationships that can represent phenomena, solve problems, and manage data.

Element A: Candidates demonstrate multiple ways to explore and present number concepts.

Element B: Candidates facilitate K-6 students to be focused, coherent and resourceful in the use of appropriate problem solving tools, including mental arithmetic, pencil and paper computation, a variety of manipulative and visual materials, calculators, computers and electronic information resources.

Element C: Candidates analyze their own mathematical preconceptions, misconceptions, and error patterns and construct ways to correct their own learning.

NAME OF ARTIFACT: Methods Math Project – Lesson Plan Example

TYPE OF ARTIFACT: One Lesson Plan from within the Math Project

Brief description of artifact:

Brief description of how artifact demonstrates ACEI Standard 2.3:

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