# **Summative Reflection Guidelines**

The purpose of the Summative Reflection is to document your professional growth as evidenced through your practice (teaching) and professional learning (coursework, action research, readings, etc.). Choose a topic relating to science/mathematics education that captures a central area of growth and with which to anchor your reflection. Present a discussion of your professional growth using evidence from practice and professional learning throughout the year including reflections on the comparison of the videotapes from fall and spring. Be sure to include in your discussion why the topic is central for you, why it is important for teaching and learning, and concrete examples of how this idea has and will continue to play out in your practice. Your Summative Reflection should include the use of the terms and concepts central to understanding science/mathematics education at a professional level and should reveal self-awareness and analytic thinking commensurate with a professional educator. Please conclude with realistic, logical, and important goals for future professional growth. (1500-2000 words recommended)

## **Scoring Guide:**

#### Advanced:

- Demonstrates a very high level of self-awareness.
- Insights about the student's professional growth are supported by many concrete examples, **including the videotape comparison.**
- Includes logical and realistic goals for future growth.
- Demonstrates analytic thinking and the ability to create and extend from the varied experiences.
- Demonstrates advanced understanding of science/mathematics education concepts and terminology.

## Proficient:

- Demonstrates self-awareness.
- Insights about the student's professional growth are supported by several concrete examples, **including the videotape comparison.**
- Includes logical and realistic goals for future growth.
- Demonstrates analytic thinking, but does not extend ideas.
- Demonstrates understanding of science/mathematics education concepts and terminology at a professional level.

# Needs Revision:

- Demonstrates limited self-awareness.
- Insights about the student's professional growth are supported by very few examples.
- Includes goals for future growth, although they may not be completely logical based on discussion or realistic.
- Demonstrates limited understanding of science/mathematics education concepts and terminology at a professional level.