

# Standard 5 Evaluation

**This standard reflects the need for the ability to evaluate the process and product created from an instructional design process. Throughout my master's classwork, I have evaluated my work and the work of others to provide constructive feedback about the process and the product. When beginning to design instructional materials, one must begin with an evaluation of the problem or a needs analysis (desired – actual = needs). Throughout the process of design, creation, and utilization designers must evaluate their process and the product as it evolves. This standard is very important because we want to produce the best instructional materials for the content.**

**For each benchmark, I have identified the artifacts and provided a brief description of how it applies.**

## 5.1 Problem Analysis

5.1.1 Identify and apply problem analysis skills in appropriate school media and educational technology (SMET) contexts (e.g., conduct needs assessments, identify and define problems, identify constraints, identify resources, define learner characteristics, define goals and objectives in instructional systems design, media development and utilization, program management, and evaluation).

[240:232](#) Based on previous experience teaching this lesson, I determined that there were problems with the lesson and rewrote it in order to improve student learning based on time constraints, resources and learner characteristics.

[240:139g](#) After finding that the traditional storyboard method of planning was not ideal for planning a website, I did some research into site design. I created a site template, which helped the group understand the layout and interconnectedness of the Wikispace and template better. The project itself was evaluated by our classmates who suggested areas for improvement when we presented them with a formative evaluation. The evaluation was extremely valuable to our progress and helped us improve our artifacts immensely. For example, the feedback informed our decisions about how to communicate the relationship between the Wikispace and Google Template.

[240:240](#) For this project I conducted an informal survey of educators with regard to their professional learning community work. I conducted a desired – actual = needs analysis and found that professional development in Blackboard course management system may help them be more productive.

[240:245](#) For this project we determined a need for teachers to learn about an instructional design process. We decided to use the ADDIE model to teach the process.

## 5.2 Criterion-Referenced Measurement

5.2.1 Develop and apply criterion-referenced measures in a variety of SMET contexts.

[240:153](#) Our students will be evaluated using the rubric we provided on the activity website.

[240:240](#) This professional development site helps teachers create online assessments for their students and includes sample assessments.

## 5.3 Formative and Summative Evaluation

5.3.1 Develop and apply formative and summative evaluation strategies in a variety of SMET contexts.

[240:153](#) Throughout the implementation of this unit, students will have feedback from the instructor in order to stay on the right track and

on task. The VoiceThread concluding activity will help us, as teachers, to understand better what went well in this project so that we can improve it in the future.

[240:232](#) Formative evaluations during this assignment occur when students are working in groups with the breadboards. The teacher circulates amongst the groups to correct misconceptions and answer questions.

[240:240](#) This professional development site has formative and summative evaluations built in so the instructor has feedback to improve the product as it is being used.

#### 5.4 Long-Range Planning

5.4.1 Develop a long-range strategic plan related to any of the domains or sub-domains.

[240:237](#) We created a long-range strategic plan for implementing a 1:1 laptop program in a high school and middle school in Iowa. The plan includes professional development strategies, technology management, and infrastructure.

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