



Performance Assessment Outline

Technology Standard V: Integrating Technology into the Curriculum and Instruction Outcome B – Student Use

Technology outcome	In <i>Integrating Technology into the Curriculum and Instruction (Outcome B- Student Use)</i> , each teacher-candidate will design, implement, and assess learning experiences that incorporate student use of technology to support inquiry, problem-solving, communication, and/or collaboration.
Technology indicators	<p>The assessment task product will be examined in terms of five proficiency indicators. The teacher candidate will:</p> <ol style="list-style-type: none">1. Assess students' learning/instructional needs to identify the appropriate technology to meet those needs;2. Evaluate technology materials and media to determine their most appropriate instructional use;3. Select and apply best practices for integrating technology into instruction;4. Use technology tools appropriate to the discipline and students' ability levels;5. Apply a variety of instructional strategies in the use of technology in the classroom; and6. Develop a scoring tool(s) for measuring student attainment of outcomes and student technology products (when appropriate).
Assessment task	<p>To demonstrate proficiency on this technology outcome (<i>Outcome B- Student Use</i>), the teacher-candidate will design, deliver, and assess a learning activity that incorporates student use of technology to support inquiry, problem-solving, communication, and/or collaboration. To perform this assessment task, the teacher-candidate must complete the following steps:</p> <p>Step 1: Design the instructional activity that involves student use of technology.</p> <p>Include the following in the design plan for the activity:</p> <ul style="list-style-type: none">• Apply principles of effective instructional design. <u>The instructional design instrument used for this activity may be the instrument used by the cooperating teacher or the school system.</u>• Identify potential technology resources to be used by students in this activity;• Select the technology to be used by the students for the activity;• Develop a scoring tool(s) for measuring student attainment of outcomes and student technology products, where appropriate. <p>Note: This can be a multi-day instructional activity.</p> <p><u>Deliverable:</u> Approved instructional activity plan and scoring tool.</p>

Assessment
task
(Continued)

NOTE: Step 1 must be approved by the cooperating teacher and the supervisor before proceeding to Step 2.

Step 2: Implement the instructional activity that involves student use of technology.

The instructional activity designed in Step 1 should be presented in a K-12 classroom.

Deliverable: Videotape of the presentation of the instructional activity.

The requirements of your school/school district for videotaping in a classroom should be followed when completing this step.

Note: This videotape will be used by the instructor and the teacher-candidate in the assessment of the implementation of the instructional activity.

Step 3: Assess the use of technology in the design, implementation, and assessment of the instructional activity that involves student use of technology.

After you have viewed the videotape, reflect on the entire process. Use the following questions to guide your reflection. Keep the reflection in electronic format.

Planning the activity

1. Why did you choose to integrate student use of technology into this activity? Is this the best way to incorporate the students' use of technology for this instructional activity? Explain.
2. How did your consideration of the students' ability levels impact your design of the instructional activity?
3. To incorporate student use of technology in the activity, why did you select the teaching strategy(ies) that you did?
4. How did you determine which technology resources to select for the students to use?

Teaching the activity

1. How do you know if your implementation of the activity was effective?
 2. How does the students' use of technology support the instructional activity? Was the students' use of the technology in the activity effective? Explain.
 3. Was incorporation of the students' use of technology transparent? Explain.
 4. Is the use of technology essential to the implementation of this activity? Explain. What different or additional technologies could the students have used to enhance the implementation whether or not they were available?
 5. Were there unanticipated results encountered during the implementation of the activity? If so, how did you address them?
-

**Assessment
task
(Continued)**

Assessing the Activity

1. How did your assessment instrument(s) measure student attainment of outcomes? Explain.
2. Do you think students' use of technology in the implementation of instruction affected student learning? Explain.
3. How did the students' use of technology in the activity assist in their development of higher-order thinking skills?
4. How did your perceptions of your delivery change after viewing the videotape?

Deliverable: Electronic reflection

Evaluation

Instructors will use the *Assessment of Technology-Assisted Implementation of Classroom Activities Scoring Guide (Student Use)* as the scoring tool.
