

Description of Technology Related Assignment from SFA EPP Middle Level Grades Program

The activities offered by the program that are designed to prepare teachers to use technology effectively to collect, manage, and analyze data to improved teaching and learning for the purpose of increasing student academic achievement is the Assessment Portion of the Work Sample (MLG 403).

For this assignment, teacher candidates design a pre assessment to assess their students' prior knowledge of the content/skills/concepts to be taught in their lesson. This assessment is administered 1-5 days prior to teaching the lesson. This allows time for the teacher candidate to modify their lesson (if needed) based on the results of the pre assessment.

Next, teacher candidates administer a post assessment following the lesson. The purpose of this post assessment is to assess the change in learning as a result of the lesson taught and to evaluate the teacher candidate's effectiveness of their teaching strategies.

Candidates then compile individual and class data using Excel. Results are summarized in charts and graphs.

Finally, teacher candidates reflect on their analysis of the assessment data collected, and describe how they will use this information in the future for instructional planning and include how this information might impact their students' performances on the STAAR test.