

# Assessing Laboratory Learner Knowledge, Skills, and Abilities

This job aid accompanies the [Assessing Laboratory Learner Knowledge, Skills, and Abilities](#) course. It provides a summary of how to apply [CDC Quality Training Standard #7](#), along with exercises to perform learner assessment for your laboratory training.

## Benefits of Learner Assessment

Learner assessments measure the learners' progress toward meeting the learning objectives. Feedback from these assessments is beneficial for trainers and learners. For trainers, it provides insights to improve the training design, while for learners, it shows their progress throughout the training.

## Summative Assessments

Summative assessments, or assessments *of* learning, are typically administered at the end of training. These assessments provide learners with an opportunity to demonstrate if they have achieved the knowledge, skill, or ability (KSA) listed in the learning objective.

Select one or more methods from the list below that you plan to use for your **summative assessment**. Then, in the space provided, describe how you plan to use it.

<input type="checkbox"/> Pre/post test	
<input type="checkbox"/> Final project	
<input type="checkbox"/> Laboratory Demonstration	
<input type="checkbox"/> Other	

## Formative Assessments

Formative assessments, or assessments *for* learning, are administered throughout the learning process and provide information to both the learner and the trainer on how well the learner understands the content being presented. These types of assessments help the trainer know what KSAs may need to be reviewed before moving on to new ones. A mix of formal and informal formative assessments should be used throughout the training to assess the learner's KSAs.

Select one or more methods from the list below that you will use for **formal formative assessments**. Then, in the space provided, describe how you plan to use it.

<input type="checkbox"/> Knowledge checks	
<input type="checkbox"/> Quizzes	
<input type="checkbox"/> Other	

Select one or more methods from the list below that you will use for **informal formative assessment**. Then, in the space provided, describe how you plan to use it.

<input type="checkbox"/> Observed practice	
<input type="checkbox"/> Question & Answer sessions	
<input type="checkbox"/> Other	

### Considerations for Learner Assessment

Quality learner assessments should be designed with intention, keeping in mind the goal of the laboratory training. The following questions can help start the process of designing a learner assessment:

- Do the assessment questions/activities align with the learning objectives?  Yes  No
- What method(s) will you use to provide feedback to the learner after an assessment question/ activity?

- How do you plan to recognize learner participation or completion of an assessment question/ activity?