



## ACESSE Resource B: How to Assess Three-Dimensional Learning in the Classroom

How is assessing three-dimensional science learning different than past assessments of science learning? How can we design assessment tasks that elicit the core ideas, practices, and crosscutting concepts in the Next Generation Science Standards (NGSS) performance expectations?

There are very few existing examples of elementary and middle school assessments completely aligned to the NGSS. Instead, educators need to adapt their existing assessments.

This open educational resource provides an opportunity for educators to begin building or adapting three-dimensional formative assessments in a 60-70 minute professional development session. The module includes all of the resources that PD facilitators need to adapt and run the sessions—including slides, speaker notes, facilitator guide, and embedded resources.

The workshop aims to help participants identify assessment components that focus on individual practices, core ideas, or crosscutting concepts, and understand how, taken together, the components can support educators as they make inferences about students' three-dimensional science learning. Through this workshop, participants will review tasks that aim for assessing performance expectations, discuss strengths of these tasks, and gain practice adapting them to better elicit three-dimensional science learning.

[stemteachingtools.org/pd/sessionb](https://stemteachingtools.org/pd/sessionb)



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