

Constructing Assessment Items That Blend Core Ideas and Science Practices

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Abstract: How do you measure knowledge in use? In this workshop, participants will apply principles of Evidence-Centered Design to construct assessments that meet the ambitious goal of integrating disciplinary core ideas with practices, much like in the Next Generation Science Standards. In small groups, participants will unpack assessable components of science standards and construct learning goals that integrate aspects of core ideas and science practices. Participants will learn design principles for specifying evidence that students need to meet the learning goals and define task features to elicit the desired evidence. Using these design principles, participants will craft items and rubrics.