

Assessment Development Committee

February 28, 2022

2:30 – 4:30 pm ET

Virtual



AGENDA

2:30 – 3:50 pm	Item Difficulty in NAEP: Considerations for Assessment Development (CLOSED) <i>Enis Dogan, NCES Nadia McLaughlin, NCES Dana Boyd, Chair Mark Miller, Vice Chair</i>	Attachment A
3:50 – 4:00 pm	Item Review: Additional Mathematics Concept Sketches (CLOSED) <i>Dana Boyd Mark Miller</i>	Materials provided separately
4:05 – 4:30 pm	ACTION: Board Policy on Assessment Framework Development <i>Mark Miller Patrick Kelly</i>	See Plenary Tab
Information Item	Item Review Schedule	Attachment B



Item Difficulty in NAEP: Considerations for Assessment Development

During the most recent Committee on Standards, Design and Methodology (COSDAM) meeting, Enis Dogan of the National Center for Education Statistics (NCES) gave a presentation titled “Improving Measurement and Reporting of Lower-Performing Students”. This presentation focused on the degree of alignment between student ability and item difficulty and ongoing development and design efforts to improve measurement in the below *NAEP Basic* range. The goal of these design and development efforts is to ensure that the item pool varies in difficulty as much as the students vary in ability.

While these design and development efforts serve an important role in measuring lower performing students, assessment development must balance several competing demands, including alignment to the constructs and specifications outlined in NAEP frameworks and maintaining trend. In this closed session, we will continue to look at the degree of alignment between student ability and difficulty of the items in NAEP assessments by examining item/person maps that show student score distributions and the distributions of difficulty of items side-by-side. We will also continue to present current development and design efforts to improve measurement of lower performing students, and provide additional considerations for assessment development (i.e., NAEP frameworks and trend).

**Assessment Development Committee
Item Review Schedule
January – September 2022
Updated February 11, 2022**

Review Package to Board	Board Comments to NCES	Survey/ Cognitive	Review Task	Approx. Number Items	Status
February 17, 2022	March 11, 2022	Survey	SQ Mathematics (4, 8) Pre-Cog lab review <i>2026 Operational (2024 Pilot)</i>	31*	
February 17, 2022	March 11, 2022	Survey	SQ Reading (4, 8) Pre-Cog lab review <i>2026 Operational (2024 Pilot)</i>	26*	

*Items that appear at multiple grades are only counted once.