# AGENDA

## Thursday, May 14

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
<th>Location</th>
</tr>
</thead>
</table>
| 11:30 am – 3:00 pm | **ACTION:** Review of Contextual Variables  
*Committee Discussion* | [Hotel Indigo](#)  
400 Brown Street  
Belvedere A |
| 10:00 – 10:15 am | Welcome and Agenda Overview  
*Shannon Garrison, Chair* | [Hotel Indigo](#)  
400 Brown Street  
Belvedere A |
| 10:15 – 10:20 am | Review of Contextual Variables (continued)  
*Committee Discussion* | [Hotel Indigo](#)  
400 Brown Street  
Belvedere A |
| 11:30 am – 12:15 pm | Update on the 2014 NAEP Technology and Engineering (TEL) Reporting  
*Arnold Goldstein, NCES* | [The Commons](#)  
300 Washington Street  
Xenia Miller Room |
| 12:15 – 12:30 pm | NAEP Item Review Schedule  
*Mary Crovo, Governing Board Staff* | [The Commons](#)  
300 Washington Street  
Xenia Miller Room |

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[Hotel Indigo](#)  
400 Brown Street  
Belvedere A

[The Commons](#)  
300 Washington Street  
Xenia Miller Room
NAEP Technology and Engineering Literacy (TEL)

Assessment Update

In the spring of 2014, the first-ever NAEP TEL assessment was administered via computer to a nationally representative sample of 8th graders. The assessment was designed to gauge how well students can apply their understanding of technology and engineering principles to real-life situations. Results will be available at the national level only and will be released as The Nation’s Report Card. The NAEP TEL Framework, which guides development activities, focuses on the level of knowledge and competencies about technology and engineering needed by all students and citizens to function in a technological society.

TEL measured students’ knowledge and skills in three interconnected areas: Technology and Society, Design and Systems, and Information and Communication Technology. There are three cross-cutting practices as well: Understanding Technological Principles, Developing Solutions and Achieving Goals, and Communicating and Collaborating. An innovative component of the assessment is the incorporation of interactive scenario-based tasks. These tasks allowed the collection of a wide array of information on student performance, including observable data captured as students interacted with the TEL tasks. This innovation allows NAEP to expand TEL reporting beyond the traditional NAEP scores by including students’ problem-solving strategies and processes.

In this session, NCES will present to the Assessment Development Committee an overview and update of ongoing NAEP TEL data analysis and reporting activities. At the previous Board meeting, the outline for the web-based report was discussed, and adjustments have been made to the site plans. Specific changes include highlighting educationally-relevant headlines related to key findings in the results. The site architecture then encourages the user to dig further into the TEL domain by exploring interactive, multi-media presentations of each released task, each with prominent access to take the task online. As users build their understanding of the TEL construct, they will have further opportunities to explore contextual factors and indices, as well as details about the assessment design, framework criteria, sample design, and features of the assessment delivery system.

Included in this ADC session will be a timeline of assessment activities and a preview of additional ongoing data analysis efforts.
# Assessment Development Committee
## Item Review Schedule
*April 2015 – August 2015*
*(Updated 4/14/15)*

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<tr>
<th>Review Package to Board</th>
<th>Board Comments to NCES</th>
<th>Survey/ Cognitive</th>
<th>Review Task</th>
<th>Approx Number Items</th>
<th>Status</th>
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<tbody>
<tr>
<td>4/30/15</td>
<td>5/22/15</td>
<td>Survey</td>
<td>2017 Reading (4, 8) Pilot</td>
<td>130-150</td>
<td>For review at May Board mtg.</td>
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<tr>
<td>4/30/15</td>
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<td>5/28/15</td>
<td>Cognitive</td>
<td>2018 US History, Civics, Geography (8, 12) Pilot Concept Sketches</td>
<td>12 Sketches</td>
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<td>2017 Writing (8, 12) Pilot</td>
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<td>7/23/15</td>
<td>8/14/15</td>
<td>Survey</td>
<td>2018 Social Studies (US History, Civics, Geography) Operational</td>
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<td>2017 Reading (4, 8) Pilot</td>
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