

21st Century Skills Workshop Follow-Up

Board on Testing and Assessment

The Board on Testing and Assessment was created to assist policymakers and the public by providing scientific expertise around critical issues of testing and assessment in education, the workplace, and the armed services.

Education, Assessment, Testing

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The National Academies, Board on Testing and Assessment

Assessment of 21st Century Skills Workshop Follow-Up Symposium Agenda

May 4, 2011
Keck Center, Room 100
500 Fifth St. NW
Washington, DC

Wednesday, May 4

- | | | |
|---------------------|---|----------------------------|
| 1:00PM | Introductions, Overview of Plans
<i>Stuart Elliott (Director, Board on Testing and Assessment)</i> | |
| <u>VIDEO</u> | <i>Bruce Fuchs (Director, Office of Science Education, NIH)</i> | <u>Presentation</u> |
| 1:10 | Brief Review of Workshop in January
<i>Joan Herman (CRESST, Chair of Workshop Steering Committee)</i> | <u>Presentation</u> |
| | <ul style="list-style-type: none">• What are 21st century skills and why are they important?• How do the skills relate to college and career readiness/preparedness?• What are the challenges in assessing these skills? | |
| | For information about the January workshop, see
http://www7.nationalacademies.org/bota/Assessment_of_21st_Century_Skills_Homepage.html | |
| 1:30 | Panel Discussion of Sample Assessments of 21st Century Skills | |
| <u>VIDEO</u> | Assessment of Cognitive Skills
<i>Nathan Kuncel, University of Minnesota</i> | <u>Presentation</u> |

[VIDEO](#)

Assessment of Interpersonal Skills

Stephen Fiore, University of Central Florida

[Presentation](#)

[VIDEO](#)

Assessment of Intra-personal Skills

Rick Hoyle, Duke University

[Presentation](#)

Each panelist will:

- Briefly describe/define the kind of skills grouped within their cluster
- Give a quick overview of why the skills are important skills.
- Give a synthetic overview of the assessment examples that were presented at the January workshop and provide a critique/reaction to them
- Discuss the extent to which the example assessments (or assessment strategies) are likely to provide reliable and valid information about the intended skill.

2:30

[VIDEO](#)

Moderated Discussion

Discussion Leader: Joan Herman

2:45

[VIDEO](#)

Response: Measurement Guidance

Deirdre Knapp, HumRRO (steering committee member)

Patrick Kyllonen, ETS (steering committee member)

Speakers will respond to the panelists and address the following:

- From a measurement/technical perspective, what is the feasibility of implementing assessments of these kinds of skills in the K-12 setting?
- What purposes can they feasibly serve? How might the results be used?
- What factors might complicate implementation of the assessment or assessment strategy?
- What fairness, equal access issues should be considered?

3:15

[VIDEO](#)

Response: Policy Guidance

Joan Herman

[Presentation](#)

Steve Wise, Northwest Evaluation Association (steering committee member)

[Presentation](#)

Speakers will respond to the panelists and address the following:

- What are the key messages for policy makers with regard to implementing assessments of these skills in the K-12 setting?
- What would you like policy makers to know about the assessments, the assessment strategies, and/or implementing measures of these constructs?

3:45

[VIDEO](#)

Moderated Discussion

Joan Herman

4:15

Adjourn