

Can Three Wrongs Make a Right? Helping Teachers and Coaches Use Assessment Items to Drive Students' Thinking

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Selected Mathematics Assessment Resources *(last updated April 2011)*

Tests and items/tasks

NAEP (National Assessment of Educational Progress), including released items
<http://nces.ed.gov/nationsreportcard/mathematics/>

JMAP: released items from New York State Regents exams, organized by topic
<http://jmap.org/>

Balanced Assessment in Mathematics
<http://balancedassessment.concord.org/>

MARS Tasks and supporting resources
<http://www.nottingham.ac.uk/~ttzedweb/MARS/> and <http://insidemathematics.org/>

Standards, frameworks, and consortia

Common Core State Standards in Mathematics
<http://corestandards.org/>

Links to each state's mathematics standards
<http://www.educationworld.com/standards/state/toc/index.shtml#math>

College Board Standards for College Success
<http://professionals.collegeboard.com/k-12/standards>

ACT College Readiness Standards
<http://www.act.org/standard/>

Partnership for Assessment of Readiness for College and Careers
<http://www.fldoe.org/parcc/> and <http://www.achieve.org/PARCC>

SMARTER Balanced Assessment Consortium
<http://www.k12.wa.us/smarter/> and <http://www.wested.org/cs/we/view/pj/582>

Other lists of resources

Assessment in Mathematics Teaching, from the Math Forum
<http://mathforum.org/mathed/assessment.html>

Resources for authentic assessment in math (1994)
<http://mathforum.org/sum94/project2.html>

Books and articles

Knowing What Students Know: The Science and Design of Educational Assessment

The “bible” of educational research on assessment design and use at a variety of scales.
Center for Education (CFE), 2001

Read free online at <http://www.nap.edu/openbook.php?isbn=0309072727>

Inside the Black Box: Raising Standards Through Classroom Assessment

The ur-text of formative assessment and how it can raise student achievement.

Paul Black and Dylan Wiliam, 1998

Download a version free at <http://snurl.com/black-and-wiliam>

Working Inside the Black Box

Evolving teachers practice and students behavior to share responsibility for learning.

Paul Black, Christine Harrison, Clare Lee, Bethan Marshall, and Dylan Wiliam, 2004

Download free at http://datause.cse.ucla.edu/DOCS/pb_wor_2004.pdf

Assessment in Support of Instruction and Learning: Bridging the Gap

Reconciling large-scale assessments for accountability with promoting student learning.

Committee on Assessment in Support of Instruction and Learning, NRC, 2003

Download free at <http://www.nap.edu/catalog/10802.html>

Understanding by Design

The go-to reference on backwards design.

Grant Wiggins and Jay McTighe, 2005 (second edition)

<http://snurl.com/wiggins>

The Truth About Testing: An Educator's Call to Action

A pithy, policy-oriented essay on how testing is mis-applied, and what we can do about it.

W. James Popham, 2001

<http://snurl.com/popham-truth>

Mathematics Assessment: A Practical Handbook for grade bands K–2, 3–5, 6–8, and 9–12

Mathematics Assessment: Cases and Discussion Questions for grade bands K–5 and 6–12

Mathematics Assessment Sampler for for grade bands PK–2, 3–5, 6–8, and 9–12

Published by NCTM between 1998 and 2006

See <http://www.nctm.org/news/release.aspx?id=780> for more information and links

When Assessment Guides Instruction: Silicon Valley's Mathematics Assessment Collaborative

A chapter from MSRI's *Assessing Mathematical Proficiency*, edited by Alan H. Schoenfeld

David Foster, Pendred Noyce and Sara Spiegel, 2007

<http://svmimac.org/> or <http://library.msri.org/books/Book53/index.html>

Would you like an electronic version of this list, or the slides from this session? Just ask!
Do you have any useful resources related to mathematics assessment? Please share them!

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