MEAP Assessment Matrix and Design Principles for PROMISE on 8/12/04

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Objectives

- Review current status of NCLB
- Discuss current thinking about test redesign and gain your advice
- Review the roadmap to implementation in 2005-2006
NCLB: Basic Principles

- Student Learning
- Effective Teaching
- Accountability (Continuous Improvement)
  - Measurement of learning and teaching
  - Attributing results to schools
  - Consequences
Current issues for states

- Increased accountability
  - 50+ ways to fail
  - Sanctions - publicity to restructuring

- Increase temptation to cut corners
  - Testing practices - ethics issues and administrative errors at the student, teacher, and administrative levels
  - Reclassifying, exiting and coaching students
Solutions proposed or being implemented in Michigan

- Office of Educational Assessment and Accountability bringing together
  - MEAP for most students
  - MI - Access for students with significant disabilities
  - An ELL assessment for students not proficient in English
  - AYP & Ed YES! Accountability
  - Coordinating with CEPI
Solutions, questions, discussions underway

- Fall testing for ELA, Math, Science, Social Studies at Elementary and Middle school
- How to register for early October testing?
- Set new performance standards? Yes.
- Impact on report cards?
- Ethics Policy being revised.
- ACT vs. MEAP at High School
Current thinking about test redesign: The Matrix

The Test Matrix consists of:
- **Core Items** measure the overlap of the current benchmarks and the GLCE’s
- **Core replacement items** (field test items)
- **Future core items**: new, changed or moved items from GLCE’s to broaden coverage of expectations prerequisite assessed
- **Extended Core items**: measure expectations or benchmarks that are supportive, enabling, or prerequisite to Core items
Current thinking about test redesign: The Matrix YTBA

- What counts toward Student scores?
  - The Core items
  - Possibly Extended Core items

- What counts toward School Scores (AYP and Ed YES!)
  - Core items
  - Future Core items in 2009 or 2010
  - Likely Extended Core items
Current thinking about test redesign: The Matrix YTBA

- On what items will schools get results information?
  - Core,
  - Extended Core, and
  - Future Core

- No information provided on Field Test (Replacement Core) items

- YTBA??? The Matrix is Yet To Be Approved
New test designs being developed (some examples)

Example:
- ~90 Core items
- ~6 Future Core
- ~6 Extended Core
- ~8 Core Replacement
Field Testing: How does it work for ELA and Math?

Field testing Winter 2005

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- Embedded field test items where currently testing
- Free standing pilots with a sample of schools
Current thinking about Test Design: Principles

- Curriculum drives assessment
- 2 hours per subject
- Time limits on testing
- Matrix designed tests
- Grade appropriateness of tests and items
- Items targeted to GLCE’s or Benchmarks
- Increase number of items (3 similar items/GLCE or benchmark)
Test Design: Principles

- Less reading dependence on Non-reading tests
- Item independence
- Most efficient item format/GLCE or benchmark
- Shorten pages for extended responses
Test Design: Principles

- More teachers involved in writing & editing items/tests
- Equivalence of tests cycle to cycle
- Report revisions
- No more additional sheets for any Constructed or Extended response items
Design changes considered for Mathematics

- Calculator Use: Prohibited on some parts of test, permitted on others; no memory, no communication devices

Continue:
- Reference sheets where Grade appropriate
- Measurement and grid tools
Design changes contemplated for ELA

- Add second, shorter response and a few multiple-choice items (e.g., editing and revising in context) to strengthen writing scores
- Grade appropriate writing tasks
- Allow for segments that can be administered in any order
Design changes contemplated for ELA

- Discontinue organization of entire test forms around single themes
- Continue to assess themes within texts and across pairs of texts.
- Increase the number of reading texts on a single form
Current thinking: Redesign of Science & Social Studies

- Be consistent with previous principles
- Proposal: Science tested at grades 5 and 8, Social Studies tested at grades 6 and 9
- GLCE’s benchmarks ??? A curriculum decision first
Roadmap to Implementation - the steps from here to there

- HERE = ELA and Math GLCE’s disseminated March 30, 2004
- Resolve Science & Social Studies questions
- Develop GLCE codes & recode items
- Inventory and Develop new items
- Analyze Current benchmarks vs. GLCE’s
Development of testing - the steps from here to there

- Define items as CORE, extended, or future core
- Redesign test formats
- Pilot testing (Next Year 2004-2005)
- Federal approval

Questions or comments

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