

Standard-Setting Work Flow

Week of July 14

13 groups

Psychometric Council

Review & Articulation Committee

State Superintendent

July 22-23

Set MSA Standards

August 26-27

Set HSA Standards

State Board of Education

13 Standard-Setting Groups

- **MSA Reading (4 groups)**
Grades 3,5,8,10
- **MSA Math (4 groups)**
Grades 3,5,8 math
Geometry (formerly known as a High School Assessment)
- **High School Assessments (4 groups)**
English 1, algebra/data analysis,
government, biology
- **IMAP (1 group)**

Standard-Setting Overview

- Week of July 14, 2003
- Participants required to have content, grade-level expertise
- Included teachers, principals, LEA staff, stakeholder groups, policymakers
- Superintendents were invited to observe

Standard-Setting Process

- For each test, 20-25 participants
- Several decision-making rounds

Round 1

- Broke into small groups to encourage independent decision-making.
- Took the test.
- Read, discussed ordered-item booklets.
- Familiarized themselves with the scale.
- Individuals voted (privately) for a cut score.
- Discussed votes in small groups.

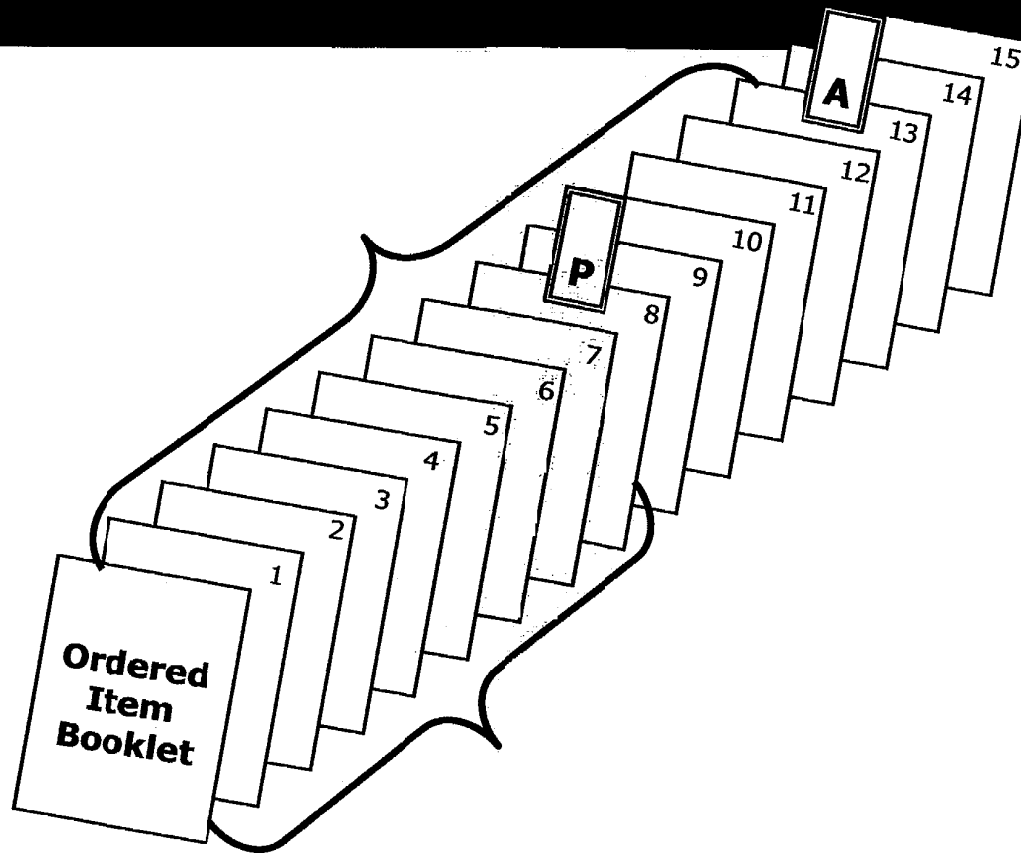
Round 2

- Individuals voted (privately) for a cut score.
- Discussed votes in small groups.
- Examined, discussed impact data.

Round 3

- Small groups converged.
- Individuals voted (privately) for a cut score.
- Discussion
- Individuals voted (privately) for a cut score.
- The median cut score was the committee's recommendation.

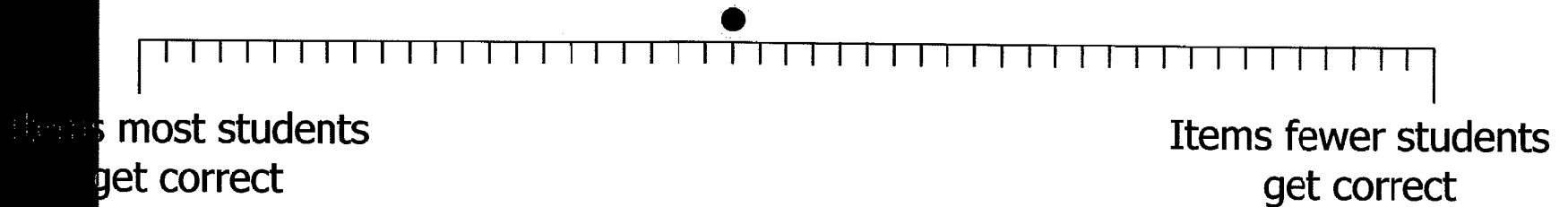
The Bookmark Standard-Setting Procedure



Standard-Setting Process

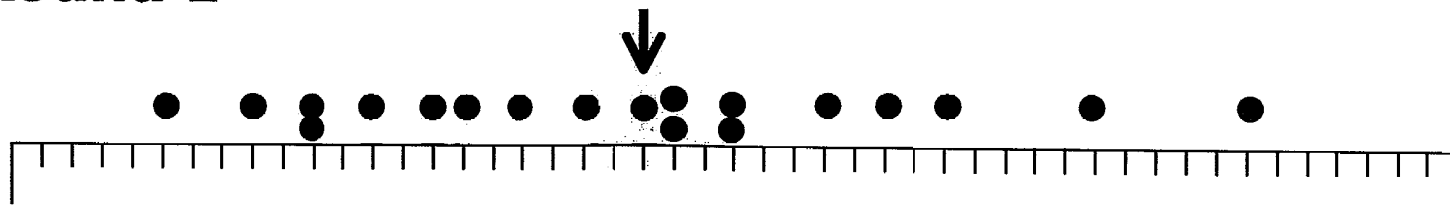
Individual Analysis

Content every student should know



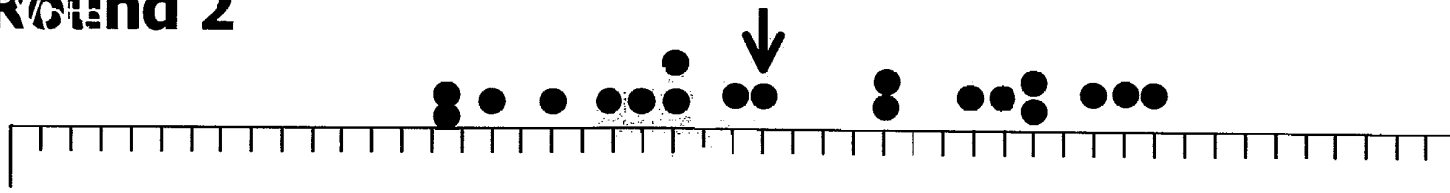
Standard-Setting Process

Round 1



Discuss data and distribution.

Round 2

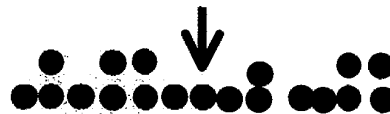


View impact data; Discuss.

Standard-Setting Process

Step 3

Small groups join; Vote.



Median cut score is committee's recommendation.

Psychometric Council

- Reviewed work of all groups
- Ensured quality controls were followed
- Ensured standard-setting process technically sound
- Did not make judgments on whether standard was “good” or “bad”
- Forwarded comments, recommendations to Review & Articulation committee

Review & Articulation Committee

- Reviewed work of all groups, Psychometric Council
- Ensured rigor equivalent among grades and subjects
- Reviewed articulation among grades and subjects
- Forwarded recommendations to the State Superintendent

State Superintendent of Schools

- Reviewed work of all groups, Psychometric Council, Review & Articulation Committee
- Made recommendation to the State Board of Education

State Board of Education

Standards Set in August 2003

<u>Subject</u>	<u>Passing Score</u>	<u>% passing (2003)</u>
Algebra/Data Analysis	412	53.2
English 1	407	39.8
Government	394	60.2
Biology	400	54.3

State Board of Education

Decision Timeline

December 2003	Reviewed initial proposal
February 2004	Reviewed revised proposal
May 2004	Hearing
June 2004	Vote