STATE BOARD REVIEW

Topic

- Keystone Algebra I, Biology and Literature
  - Performance Level Descriptors (PLDs)
  - Cut scores

Task

- Review PLDs
- Review cut score recommendations

Action – (July 20, 2011)

- Adopt PLDs
- Adopt Cut Scores
PERFORMANCE-LEVEL DESCRIPTORS

- Statements that describe the knowledge and skills expected at different performance levels with respect to the Pennsylvania Academic Content Standards as defined by the Assessment Anchors and Eligible Content
  - Provide guidelines to assess the level of student performance
  - Provide an indication of how demanding the standards should be
  - Provide a progression for how the standards should be implemented
### SCALED SCORE CUTS AND IMPACT

<table>
<thead>
<tr>
<th>Content Area</th>
<th>BELOW BASIC</th>
<th>BASIC</th>
<th>PROFICIENT</th>
<th>ADVANCED</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Algebra I</strong></td>
<td>1200-1438</td>
<td>1439-1499</td>
<td>1500-1545</td>
<td>1546-1800</td>
</tr>
<tr>
<td></td>
<td>19.8%</td>
<td>41.2%</td>
<td>27.5%</td>
<td>11.5%</td>
</tr>
<tr>
<td><strong>Biology</strong></td>
<td>1200-1459</td>
<td>1460-1499</td>
<td>1500-1548</td>
<td>1549-1800</td>
</tr>
<tr>
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<td>31.4%</td>
<td>32.7%</td>
<td>26.6%</td>
<td>9.3%</td>
</tr>
<tr>
<td><strong>Literature</strong></td>
<td>1200-1443</td>
<td>1444-1499</td>
<td>1500-1583</td>
<td>1584-1800</td>
</tr>
<tr>
<td></td>
<td>18.3%</td>
<td>31.4%</td>
<td>43.6%</td>
<td>6.7%</td>
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STANDARD SETTING

Performance Standards (i.e., PLDs)

Cut Scores
**METHODOLOGY**

**Bookmark Procedure**

- Reviewed by National Technical Advisory Committee
- Focuses on Items
- Utilizes concept of "Borderline Student"
PANELISTS

General, Special, and Higher Education Representatives:

- Range of teaching experience
- Knowledge and expertise of the algebra I, biology, and/or literature content area
- Diverse demographics
- Higher education experience
RECOMMENDATIONS

Adopt Performance Level Descriptors
Keystones Algebra I, Biology, and Literature

Adopt Cut Scores
Keystones Algebra I, Biology, and Literature
# Scaled Score Cuts for Approval

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