

# Board of Education Agenda Item

Item: \_\_\_\_\_ H. \_\_\_\_\_

Date: November 30, 2005

**Topic:** First Review of Recommended Cut Scores for the New Standards of Learning End-of-Course English: Reading and Algebra II Tests

**Presenter:** Mrs. Shelley Loving-Ryder, Assistant Superintendent, Division of Assessment and Reporting

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## Origin:

\_\_\_\_\_ Topic presented for information only (no board action required)

\_\_\_\_\_ Board review required by

\_\_\_\_\_ State or federal law or regulation

\_\_\_\_\_ Board of Education regulation

\_\_\_\_\_ Other: \_\_\_\_\_

Action requested at this meeting     Action requested at future meeting: \_\_\_\_\_ (date)

## Previous Review/Action:

No previous board review/action

\_\_\_\_\_ Previous review/action

date \_\_\_\_\_

action \_\_\_\_\_

## Background Information:

In 2005-2006 new end-of-course English: Reading and Algebra II Standards of Learning tests will be administered. The new end-of-course English: Reading test measures the 2002 English content standards while the new Algebra II test addresses a reporting category change in the test blueprint from the 2001 revision of the mathematics content standards. The implementation of the reporting category change in Algebra II was delayed to coincide with the implementation of the new mathematics tests required by *No Child Left Behind* in 2005-2006. Because of the changes in the content measured by these tests, the Virginia Board of Education must adopt new passing scores. Consistent with the process used to set the original passing scores in 1998, committees of educators were convened in late October to recommend to the Board of Education minimum "cut" scores for the achievement levels of pass/proficient and pass/advanced for the new end-of-course English: Reading and Algebra II tests.

## Summary of Major Elements:

Information about the range of cut scores recommended by the committees for the achievement levels of pass/proficient and pass/advanced for each of the end-of-course English: Reading and Algebra II tests will be presented to the Board. The Board is asked to review this information and to adopt cut scores for two tests.

**Superintendent's Recommendation:**

The Superintendent of Public Instruction recommends that the Board waive first review and adopt cut scores for the end-of-course English: Reading and Algebra II tests. Adoption of cut scores at the November board meeting will enable the timely return of scores for student who took the new tests in the fall 2005 SOL administration.

**Impact on Resources:**

Not Applicable

**Timetable for Further Review/Action:**

Not Applicable

October 2005 Virginia SOL Standard Setting  
Summary Results for Reading

Frequency Distribution of the Judges' Raw Score Cuts  
by Round for the Performance Standard Level

Raw Score	Proficient			Advanced			Raw Score
	Round 1	Round 2	Round 3	Round 1	Round 2	Round 3	
50							50
49							49
48							48
47							47
46				1	1		46
45				2	2		45
44				2	1	2	44
43				5	8	4	43
42				2	2	9	42
41				2	2	2	41
40				1	2	1	40
39	1			1	1		39
38	1			2	1	2	38
37				1			37
36		1					36
35	1	1					35
34	1						34
33	1	1	1				33
32	1			1			32
31		1	1				31
30	3	5	4				30
29	1	2	3				29
28	3	1	5				28
27		3					27
26		1	4				26
25	2	2	2				25
24							24
23	1	1					23
22	2						22
21	1						21
20							20
19		1					19
18							18
17	1						17
16							16
15							15
14							14

**Summary Statistics**

Maximum Raw Score = 50  
Number of Judges = 20

	Proficient			Advanced		
	Round 1	Round 2	Round 3	Round 1	Round 2	Round 3
Range	17-39	19-36	25-33	32-46	38-46	38-44
Mean	28.5	28.5	28.3	41.5	42.4	41.8
SD	5.8	3.9	2.1	3.3	2.0	1.6
SE <sub>Mean</sub>	1.3	0.9	0.5	0.7	0.5	0.4
<b>Median</b>	<b>29</b>	<b>29</b>	<b>28</b>	<b>43</b>	<b>43</b>	<b>42</b>
SE <sub>Median</sub>	1.6	1.1	0.6	0.9	0.6	0.5

*Round 3 Performance Standard Level Ranges*

Mean	Below Proficient	0 --27	Proficient	28 --41	Advanced	42 - 50
<b>Median</b>	Below Proficient	0 --27	Proficient	28 --41	Advanced	42 - 50

October 2005 Virginia SOL Standard Setting  
Summary Results for Algebra II

Frequency Distribution of the Judges' Raw Score Cuts  
by Round for the Performance Standard Level

Raw Score	Proficient			Advanced			Raw Score
	Round 1	Round 2	Round 3	Round 1	Round 2	Round 3	
50							50
49							49
48							48
47							47
46							46
45				4	4	13	45
44				6	6	4	44
43				1	4	1	43
42				3	3	4	42
41				1	2		41
40				2	3		40
39	1			2			39
38				1			38
37	1			2			37
36		1					36
35			1				35
34							34
33	2	3	1				33
32	4	1	3				32
31	1	2	3				31
30	2	4	10				30
29	1	1	2				29
28		4	1				28
27		2					27
26	4	3	1				26
25	1	1					25
24	3						24
23	2						23
22							22
21							21
20							20

### Summary Statistics

Maximum Raw Score = 50  
Number of Judges = 22

	Proficient			Advanced		
	Round 1	Round 2	Round 3	Round 1	Round 2	Round 3
Range	23-39	25-36	26-35	37-45	40-45	42-45
Mean	29.0	29.4	30.4	42.0	42.9	44.2
SD	4.6	2.8	1.8	2.7	1.7	1.2
SE <sub>Mean</sub>	1.0	0.6	0.4	0.6	0.4	0.3
<b>Median</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>43</b>	<b>43</b>	<b>45</b>
SE <sub>Median</sub>	1.2	0.8	0.5	0.7	0.5	0.3

*Round 3 Performance Standard Level Ranges*

Mean	Below Proficient 0 --29	Proficient 30 --43	Advanced 44 - 50
<b>Median</b>	Below Proficient 0 --29	Proficient 30 --44	Advanced 45 - 50