

SREB

Southern
Regional
Education
Board

Administering the 2008 *HSTW* Assessment

What is the *HSTW* Assessment?

- Required in even-numbered years
- Subject tests in reading, mathematics and science based on NAEP frameworks
- Senior Survey
 - Course-taking patterns
 - School and classroom experiences
- Teacher Survey
- Provides schools with comprehensive school-level data breaking out student achievement by experiences

Revising the *HSTW* Assessment

■ Why revise the assessment?

- Refresh subject tests
- Add utility

■ Purpose

- Continue measuring continuous school improvement
- Add measure of student college- and career-readiness

SREB

Southern
Regional
Education
Board

Changes in 2008

- **Subject tests referenced to the new 2009 NAEP frameworks**
- **Modified to reflect college- and career-readiness component**
- **Student survey revised**
- **New school report format and introducing student reports**

SREB

Southern
Regional
Education
Board

The New Assessment

- **Test content**
- **Student Survey**
- **Reporting**
- **Test administration**

Test Content

- **Used new 2009 NAEP frameworks as a starting point**
 - **Modified to reflect college and career readiness goals**
- **Reading – focus on informational texts**
- **Math – topics through Algebra II and some pre-calculus**
- **Science – life, physical and earth science**
- **Constructed response items**
 - **Carry more weight than multiple choice**

Test Content - Reading

- **90 minutes**
- **80% informational texts; 20% literary nonfiction**
 - **Includes meaning vocabulary**
 - **Includes paired texts (to assess critical analysis)**
 - **Does not include literary fiction or poetry**

SREB

Southern
Regional
Education
Board

Test Content - Reading

- **Passage length: 500-1500 words**
- **Cognitive targets**
 - **20% locate/recall**
 - **45% integrate/interpret**
 - **35% critique/evaluate**

SREB

Southern
Regional
Education
Board

Test Content - Mathematics

- **70 minutes**
- **Calculators permitted for one section**
 - **No questions will advantage or disadvantage users of particular types of calculators**
- **Topics**
 - **Pre-algebra through Pre-calculus**

Test Content - Mathematics

■ Content

- 10% - Number Properties and Operations
- 30% - Measurement/Geometry
- 25% - Data Analysis, Statistics and Probability
- 35% - Algebra

Test Content - Mathematics

■ Cognitive Targets

- **25% - Low Complexity (recall routine procedures)**
- **50% - Moderate Complexity (make connections within mathematics or between mathematics and the real world)**
- **25% - High Complexity (analyze a problem mathematically)**

SREB

Southern
Regional
Education
Board

Test Content - Science

- **70 minutes**
- **Content**
 - **40% - Life science**
 - **40% - Physical science**
 - **20% - Earth and space science**

Test Content - Science

■ Science Practices

● 60%

- Identifying science principles
- Using science principles

● 40%

- Using scientific inquiry
- Using technological design

Test Content - Science

■ Goal

- **Assess a student's ability to:**
- **Reason and think scientifically using general knowledge of matter, energy and motion in physical science.**
- **Understand structures and functions of living systems and changes in living systems in life science; and earth structures and systems in earth science.**

HSTW Student Survey

- **Section 1 – Course history**
 - **Strongly recommend schools complete Section 1**
 - More accurate
 - Reduces administration time
 - **Career/technical concentration question moved to this section**
 - Updated to align to 16 clusters and 81 pathways
 - **PLTW participation questions moved to this section**

HSTW Student Survey

■ Section 2 – Experiences

- **Eliminated non-predictive and non-useful questions**
- **Added questions regarding habits of success and applied skills**
- **Revised questions for improved clarity**
- **Reordered questions for better flow overall and within sections**
- **Updated work-based learning and career/technical sections**
- **Shorter administration time!!**

SREB

Southern
Regional
Education
Board

Questions??

- **How has the assessment changed since 2006?**
- **What will be covered on the assessment and on the survey?**

SREB

Southern
Regional
Education
Board

HSTW Assessment Reports

■ Reporting

- Comprehensive school-level report
- Individual student reports
- *HSTW* Award of Educational Achievement

HSTW Assessment Reports

- **School-level report**
 - **“3-minute” report – One page including implementation summary; percent at each proficiency level; percent meeting readiness goals; quadrant for state data**
 - **“30-minute” report – Slightly longer summary including mean scores; proficiency levels; readiness goals; completion of recommended curriculum; indices**
 - **“3-hour” report – Tables breaking out achievement by experiences; teacher survey results**

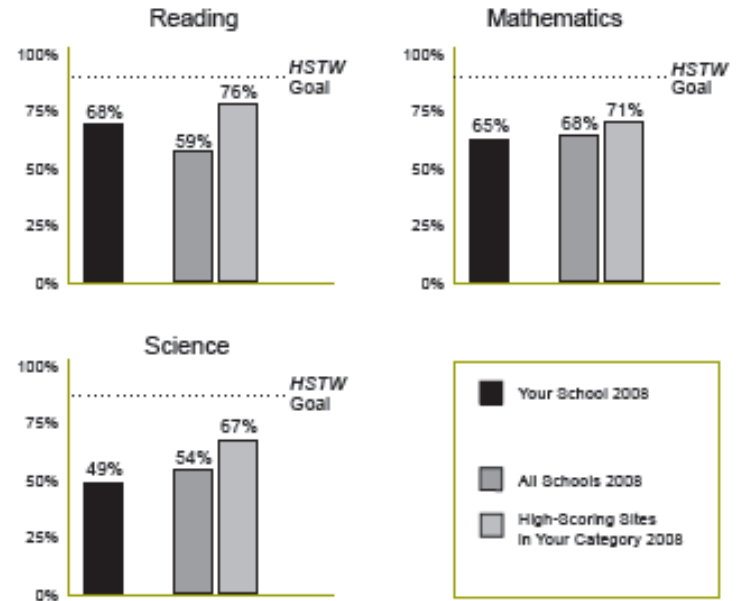
Report: XXXX
 Your School Category: XXXX
 Group: XXXX

High Schools That Work Three Minute Report

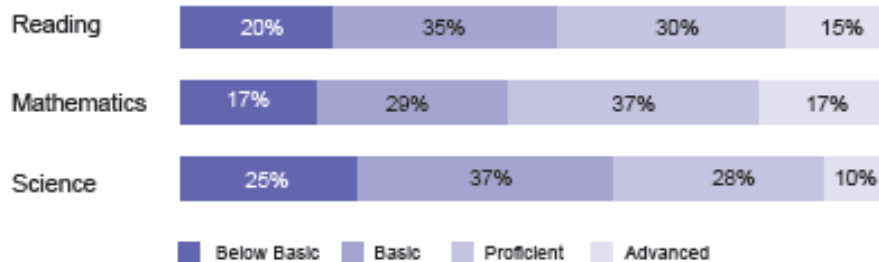
HSTW Implementation Level Summary

Indicator Implementation Results	Level of Emphasis		
	Your School (2008)	Your School (2008)	All Schools (2008)
Met English Curriculum	Moderate	No history reported due to changes in test	High
Met Math Curriculum	Low		Low
Met Science Curriculum	Low		Moderate
Met 2-3 Curriculum Goals	Low		Moderate
High Expectations	Moderate		High
Literacy	Moderate		Moderate
Numeracy	Moderate		Moderate
Engaging Science	Low		Low
Quality CTE Studies	Moderate		High
Work-based Learning	High		High
Guidance	Low		Low
High School Importance	Moderate		Moderate
Extra Help	Moderate		Moderate
Earned 4+ College Credits	High		High
Continuous Improvement	Low		Low
Achievement Score Factor	Low		Moderate
Overall Ranking	Low		Moderate

Percentage of Students meeting HSTW Readiness Goals



Percentage of Students at Each Proficiency Level

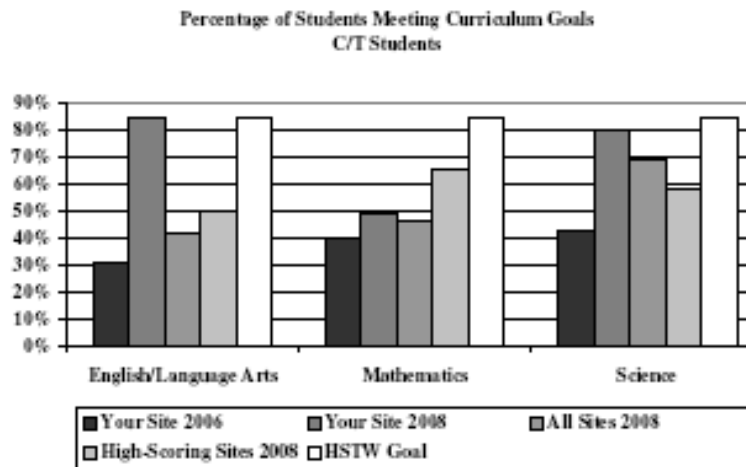
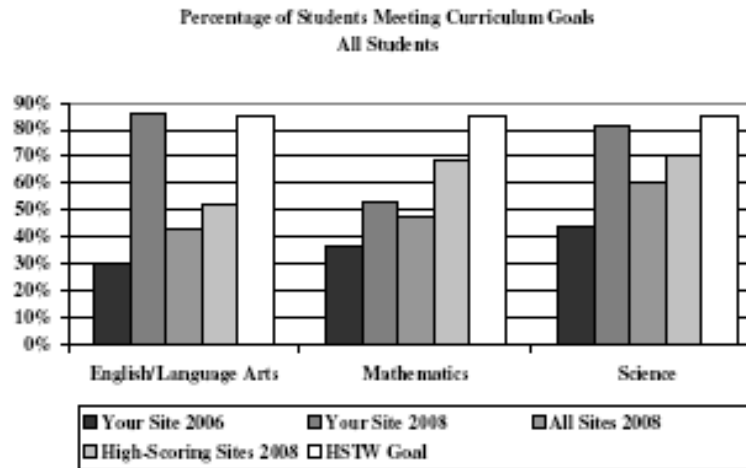


State Data

AYP Status				State Assessment Results		
Year	AYP	Year	AYP	Subject	Year	% Meeting Standards
Graduation Rate						
School Year	Graduation Rate					

Readiness Goals	
Reading	279
Mathematics	297
Science	299
Proficiency Levels	
Scale	0-500
Reading	
Basic	262-287
Proficient	288-316
Advanced	317-500
Mathematics	
Basic	297-327
Proficient	328-348
Advanced	349-500
Science	
Basic	299-325
Proficient	326-351
Advanced	352-500
High-Scoring Sites	
Category A: Minority enrollment greater than or equal to 30% and with at least 60% of the students reporting a high parent education level.	
Category B: Minority enrollment greater than or equal to 30% and with less than 60% of the students reporting a high parent education level.	
Category C: Minority enrollment less than 30% and with at least 60% of the students reporting a high parent education level.	
Category D: Minority enrollment less than 30% and with less than 60% of the students reporting a high parent education level.	

2008 HSTW Assessment Results Overview HSTW Curriculum Goals



HSTW-Recommended Curriculum

English/Language Arts: Four credits in college-preparatory English/language arts courses.

Mathematics: Four credits in college-preparatory mathematics including Algebra I, geometry, Algebra II and a higher-level mathematics course such as trigonometry, statistics, pre-calculus, calculus or Advanced Placement Mathematics.

Science: Three credits in science, with two in college-preparatory biology, chemistry, anatomy/physiology or physics/applied physics.

Table 7 (continued)

Student Reading Achievement and Perceptions About English Class Experiences

The 2006 *High Schools That Work* Assessment

Report: 96001 - All HSTW Sites
Your School Category: A
Group: All Students

Reading Goal: 279


	2006 Sites				2004 Sites				2006 High-scoring Sites in Your Category			
	All Students		CTE Students		All Students		CTE Students		All Students		CTE Students	
	%	Mean	%	Mean	%	Mean	%	Mean	%	Mean	%	Mean
Stood Before the Class and Made an Oral Presentation on a Project or Assignment to Meet Specific Quality Requirements												
Never	5	265 (0.6)	6	264 (0.8)	7	267 (0.6)	7	266 (0.7)	2	282 (4.1)	3	283 (5.1)
Once a Year	19	274 (0.3)	20	273 (0.4)	20	275 (0.3)	21	273 (0.3)	12	292 (1.3)	12	291 (1.9)
Once a Semester	38	280 (0.2)	38	279 (0.2)	39	279 (0.2)	38	277 (0.2)	39	295 (0.8)	41	292 (1.1)
Once or Twice a Month	30	282 (0.2)	29	281 (0.3)	28	282 (0.2)	27	280 (0.3)	38	298 (0.8)	37	296 (1.0)
Weekly/Several Times a Week	7	275 (0.5)	7	274 (0.6)	7	274 (0.5)	7	273 (0.6)	8	294 (1.6)	7	291 (2.3)
Completed Short Writing Assignments of One to Three Pages That Were Graded in English Classes												
Never	2	249 (1.2)	2	249 (1.5)	2	249 (1.2)	2	248 (1.4)	1	282 (4.4)	1	283 (5.8)
Once a Year	6	259 (0.6)	7	259 (0.7)	6	259 (0.6)	6	259 (0.7)	3	280 (2.3)	4	277 (3.5)
Once a Semester	18	270 (0.3)	19	270 (0.4)	19	271 (0.3)	20	270 (0.3)	13	287 (1.4)	14	288 (1.9)
Once or Twice a Month	41	282 (0.2)	41	280 (0.2)	42	281 (0.2)	42	279 (0.2)	46	296 (0.7)	46	294 (0.9)
Weekly/Several Times a Week	33	284 (0.2)	32	283 (0.3)	31	283 (0.2)	30	281 (0.3)	37	299 (0.8)	36	296 (1.2)

The scale for each subject is 0 to 500. The numbers in () are the standard errors. Information about finding significant differences between scores can be found in the Appendix. All percentages have been rounded to whole numbers. Percentages less than .5 have been rounded to zero.

HSTW Assessment Reports




■ Student Readiness Reports

- Performance on reading, mathematics and science tests
- Completion of *HSTW*-Recommended Curriculum; concentration
- Award status

	<h2>High Schools That Work Assessment</h2> <h3>Your 2008 Student Readiness Report</h3>		
	SREB	Name: Joseph K. Smith Student ID #: XXXXXX	School Name: XXXXXXX Site Code: XXXXX

What is the High Schools That Work Assessment?

HSTW is the Southern Regional Education Board's comprehensive school improvement model serving over 1,200 schools in 32 states. The HSTW Assessment, administered to seniors at schools implementing the model, consists of subject tests in Reading, mathematics and science that are based on the 2009 NAEP Frameworks. This report shows your performance on each test expressed in terms of your level of readiness for college and the workplace.

<p>Your Reading Readiness is</p>  <p>Below Basic Basic Proficient Advanced</p>	<p>STUDENT DID NOT TAKE THIS SUBJECT TEST</p>	
<p>Your Mathematics Readiness is</p>  <p>Below Basic Basic Proficient Advanced</p>	<p><i>Test takers rated as Advanced in Mathematics are generally able to...</i></p> <ul style="list-style-type: none"> enter reading-intensive post-secondary studies without needing remediation ability to apply algebra, geometry, and advanced mathematic skills formulate mathematic models, provide mathematical justifications, and analyze differences recognize connections between mathematics and other content areas perform deductive argument and multiple step procedures 	
<p>Your Science Readiness is</p>  <p>Below Basic Basic Proficient Advanced</p>	<p><i>Test takers rated as Basic in Science are generally able to...</i></p> <ul style="list-style-type: none"> enter reading-intensive post-secondary studies without needing remediation demonstrate an understanding of grade-level texts to infer main ideas, compare and contrast information recognize connections between ideas in the text with other text use organizational patterns and graphical features to make inferences 	
<p>Curriculum</p>	<p>HSTW recommends all students complete four credits in college-preparatory English/language arts; four credits in mathematics (Algebra 1 or higher); and three credits in science (two college-preparatory).</p>	<p>CURRICULUM GOALS NOT MET</p>
<p>Concentration</p>	<p>HSTW recommends all students complete a concentration in at least one of the following programs of study: career/technical, mathematics/science, or humanities.</p>	<p>NO CONCENTRATION COMPLETED</p>

Student Reports

- **New in 2008**
- **Includes:**
 - Performance level on each subject test
 - Progress towards meeting the *HSTW* curriculum goals
 - Progress towards completing a concentration (C/T, humanities, math/science)
 - Award status
- **Useful for resumes, college applications, job applications**
- **In 2008 – Will mail to schools in June**
- **After 2008 – Will mail to schools in May**

SREB

Southern
Regional
Education
Board

HSTW Award of Educational Achievement

- **Certificate**
- **Requirements:**
 - **Meet all three readiness goals**
 - **Complete at least 2 of 3 curriculum goals**
 - **Complete a concentration**
 - **Career/technical, mathematics/science, humanities**
- **In 2008 – Will mail to schools in June**
- **After 2008 – Will mail to schools in May**

SREB

Southern
Regional
Education
Board

Questions???

- **What are the HSTW Assessment report types and what will be included in them?**
- **What is in the Student Report and when will they receive it in 2008?**

SREB

2008 *HSTW* Assessment Window

January 7 – February 1, 2008

Plan Ahead to Get the Best Results!

Southern
Regional
Education
Board

SREB

Southern
Regional
Education
Board

Administration Process

- **Ordering**
- **Preparing**
- **Administering**
- **Returning materials**

Test Administration

- **Registration Window**
 - **September 3 – October 31, 2007**
- **Administration materials sent via email**
- **Materials mailed December 3 to arrive by December 14**

Placing Orders

- 1. Orders must include**
 - **Name, phone number and e-mail address for the assessment contact person (will be receiving materials for a year!)**
 - **Complete shipping address (no P.O. boxes)**
 - **Sampling method and number of students to be tested**
 - **Payment information/billing address**
 - **Dates the school plans to administer the assessment**
 - **Number of teacher surveys needed**
- 2. Purchase order due to SREB by November 15, 2007**
- 3. Payment due to SREB by June 2, 2008**

Ordering the *HSTW* Assessment

2. Review Administration Materials

- Sent via e-mail upon submitting an order online (also available on website)
- Review materials immediately
- Set timeline for preparation and administration
 - Recommended – Administer assessment over 2-3 days

Assessment Administration Materials (In Binder)

- **Tasks and Timelines**
- **Sampling Instructions**
- **Student Roster Form**
- **Checklist**
- **Course Description Guide**
- **Course Matching Chart**
- **Test Description and Sample
Question Booklet**
- **Test Administration Guide**

Preparing for the *HSTW* Assessment

3. Identify Students

- **Select**
 - **Sample of 60 seniors**
(Contracted Sites Are Different)
- **Include all currently enrolled students**
 - **Only exclude a student if their state IEP exempts them from state assessments**
- **Use sampling instructions provided to select random sample**

Other Tips for Selecting Students

- **Test ONLY seniors**
- **Select a true random sample using provided instructions**
- **Only exclude special-needs students if their IEP exempts them from state testing. Otherwise they should be provided appropriate accommodations.**
- **We are adding accommodations for English-language learners.**
- **Ensure that all students complete ALL 4 components – reading test, math test, science test, student survey.**

Preparing for the *HSTW* Assessment

4. Complete Student Roster Form

- **VERY IMPORTANT!!**
- Fully complete form including assessment answer document ID number
- **Must be** filed with school testing records for 5 years!
- You will need this fully completed roster form in spring 2009 to conduct the follow-up survey of graduates
- Also needed to ID students if they fail to include their name (student reports and awards)

Preparing for the *HSTW* Assessment

5. Notification

- Notify students, parents and teachers
- Provide information on assessment and/or schedule informational meeting

6. Scheduling

- Schedule time and place (including make-up sessions)
- Identify assistants

Preparing for the *HSTW* Assessment

7. Course-Taking Preparation

- Work with department chairs to complete course-matching chart
- Prepare student transcripts (including Fall grades and Spring schedule)

Other Tips for Course-Matching

1. Get each department head for English, mathematics and science to help with this process.
2. Include any courses the seniors have taken from grades 9-12 within English, mathematics, science or career-technical areas.
3. Using the course description guide, match each course from your school's master schedule to the SREB course title on the course-matching chart. Example from the course-matching guide

Regular, Advanced, or College Prep Algebra I:

“Algebra I courses include the study of properties and operations of the real number system, evaluating rational algebraic expressions ...”

Preparing for the *HSTW* Assessment

8. Receive Assessment Materials

- Ship from ETS December 3, 2007
- Arrive by December 14, 2007
- Verify contents according to instructions
- Keep materials secure (locked)
- Teacher Survey materials will arrive separately in December

Administering the *HSTW* Assessment

9. Prepare Assessment Materials

- Assign answer documents to students
 - Record number on student roster form
- **RECOMMENDED** – Complete section one (course-taking patterns) of student survey for students
 - Reduces testing time
 - More accurate
- Make copies of the teacher survey
- Each teacher will need a survey and answer document

Administering the *HSTW* Assessment

10. Review Test Arrangements

- Confirm dates, times, locations and assistants
- Remind students, teachers and parents

SREB

Southern
Regional
Education
Board

Questions????

- **What are the most complicated and concerning issues in administering this assessment?**

Administering the *HSTW* Assessment

11. Administer Assessment

- **January 7 – February 1, 2008**
- **Schedule make-up for absent students**
- **It is crucial that students complete all four components**
- **Teacher Survey- January 7 – February 15, 2008**
 - **RECOMMENDED – Administer during a staff meeting or other function to guarantee completion**

Administration Procedures

- **Assemble materials and set up the room.**
- **Supervise student check-in.**
- **Supervise the session using the administration scripts.**
- **Collect the materials.**
- **Schedule makeup sessions for students who are absent.**

Returning the *HSTW* Assessment

12. Return Completed Assessment

- Pack student materials according to instructions
- All student assessment materials must be postmarked for return to ETS using instructions and materials provided by February 1, 2008
- Teacher survey materials are to be postmarked by February 15, 2008 to the University of Georgia and must include a completed survey control form

Returning Student Materials

1. Postmark deadline to mail materials to ETS: **February 1, 2008.**
2. All used answer documents must be returned along with the completed survey control form. (Prepaid envelopes/boxes will be supplied.)
3. Pack used and unused test books in original boxes and return as instructed.
4. Make sure your materials are picked up.
****KEEP YOUR RECEIPT- this is the only method of tracking your materials.****

Returning Teacher Materials

1. Postmark deadline to mail materials to UGA: **February 15, 2008.**
2. All used answer documents must be returned along with the completed survey control form.
3. Return address is provided on survey control form. **This is a different address from the student materials.**
4. Make sure your materials are picked up.
****KEEP YOUR RECEIPT- this is the only method of tracking your materials.****

Deadlines to Remember

- **Deadline for assessment orders**
 - **October 31, 2007**
- **Receive Tests**
 - **December 3-14, 2007**
- **Administer the Student Assessment**
 - **January 7 – February 1, 2008**
- **Administer the Teacher Survey**
 - **January 7 – February 15, 2008**
- **Ship student materials back to ETS**
 - **Postmark no later than February 1, 2008**
- **Ship teacher materials back to UGA**
 - **Postmark no later than February 15, 2008**

Make the 2008 Assessment a Success!

■ Communication

- Letters to students and their parents
- Announcements to faculty and staff

■ Cooperation

- Importance of the assessment to the school's improvement goals
- Importance of students, administration and faculty taking it seriously
- Handling make-up work
- Cooperation from teachers whose classes might be interrupted by the assessment

SREB

Southern
Regional
Education
Board

Make the 2008 Assessment a Success!

- **Encourage all students to do their best.**
 - **Promote the *HSTW* Award of Educational Achievement**
 - **Explain the new student readiness reports and how it can help with their resumes**
 - **Build enthusiasm**
 - **Be honest – explain how this helps the school and future students**
 - **Make students feel special for participating in the assessment and thank them for their participation**
 - **Recognize those who receive the *HSTW* Award of Educational Achievement**

SREB

Southern
Regional
Education
Board

2006 Assessment Participants

- **What types of strategies did you use to make the HSTW Assessment a success?**