

MCAS 2.0 UPDATE

Teaching and Learning Subcommittee Meeting

January 30, 2017



- ▶ **Overview of the New Test Design**
- ▶ **New Question Types for ELA and Math**
- ▶ **Examples of Accessibility and Accommodations**
- ▶ **District and School Planning and Preparation**
- ▶ **Resources for Parents**



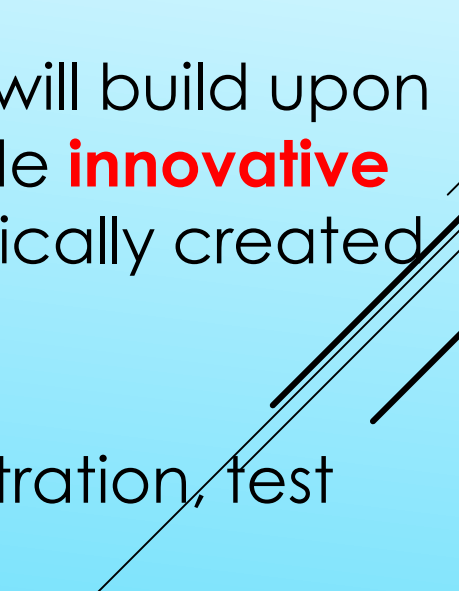
DECEMBER 12, 2017

CITYWIDE PARENT COUNCIL MEETING



DESE	CAMT, Special Education, Student Support and EL Teams	School-based MCAS Planning Teams	Technology Planning and Computer Based Testing Readiness
<p>Timeline of Next Generation Assessments</p> <p>Conference Calls</p> <p>Training Modules</p> <p>Guidance Documents</p> <p>PearsonAccess Next new online test management system</p> <p>MCAS Pre-Administration Guide for the Spring 2017 MCAS Grades 3–8 Computer-Based Tests</p>	<p>Next Generation Assessment Training with Dr. Boyles</p> <p>Weekly Student Assessment Updates</p> <p>MCAS 2.0 Planning Meetings</p> <p>Accessibility and Accommodations reviewed with Special Educ, Guidance and EL Staff</p> <p>Presentation of newly developed resources for teachers of Gr 3-5</p>	<p>Targeted Extra-Curricular Activities</p> <p>Parent MCAS presentations</p> <p>MCAS Literacy/Math Nights</p> <p>Keyboarding without Tears</p> <p>Prioritizing Computer Labs for Gr 4/8</p> <p>Utilizing Library/Media Support Specialists</p> <p>Technology Tools and Resources provided for Teachers/Students</p>	<p>Technology Skills for Computer-Based Testing</p> <p>Pre-Administration Tasks for IT Staff for Grades 3–8</p> <p>MCAS Test Security and Administration Protocols for Gr 3–8</p> <p>Site-based visits to assess labs and alternate testing spaces with Principals</p> <p>CBT Testing Schedules for 3-8 Sites</p>

WHAT DOES “NEXT-GENERATION” MEAN?

- ▶ Upgrading MCAS to better measure the **critical thinking skills** students need for success in the 21st century.
 - ▶ The new test, informally called "Next-Generation MCAS," will build upon the **best aspects of the MCAS** assessments but also include **innovative items developed by PARCC**, along with new items specifically created to assess the Massachusetts learning standards.
 - ▶ Massachusetts will have **complete control** of test administration, test content, testing windows, and the reporting of results.
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TRANSITION TO NEXT-GENERATION TESTS FOR ELA AND MATHEMATICS



* Paper-based testing will be available for **students with disabilities** who require a paper-and-pencil test as well as for new **ELL students** unfamiliar with computers.

Testing Mode Decisions for the Spring 2017 MCAS Grades 3-8 MCAS ELA and Mathematics Tests

Summary

- Schools administering computer-based tests only: **40% (565 schools)**
- Schools administering paper-based tests in at least one grade/subject: **60% (840 schools)**

	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
Schools doing CBT	38%	93%	38%	41%	42%	95%
Schools doing PBT	62%	7%	62%	59%	58%	5%
Total number of schools	973	961	894	589	505	500

NUMBER OF SESSIONS

ELA

- ▶ **Grades 3–5:**
 - 3 sessions
- ▶ **Grades 6–8:**
 - 2 sessions

Mathematics

- ▶ **Gr. 3–6:**
 - 2 non-calculator sessions
- ▶ **Gr. 7–8:**
 - 1 non-calculator session
 - 1 calculator session

See the test schedule

(www.doe.mass.edu/mcas/1617schedule.pdf) for details.

ELA SPRING 2017 MCAS

What's the Same?

- ▶ Reading passage sets
 - Text types still include Literary and Informational texts
- ▶ All test questions are still based on passages.

What's different this year?

- ▶ Computer-based for Gr 4 & 8
- ▶ New types of test questions
- ▶ Writing at all grades embedded within the ELA test
 - Not a separate task like Composition

MATHEMATICS SPRING 2017 MCAS

What's the Same?

- ▶ Two Sessions
 - **Grades 3–6:** Both Sessions are non-calculator
 - **Grades 7–8:** Session 1: non-calculator; Session 2: calculator
- ▶ Item-types: Multiple-Choice, Short-Answer, and Open-Response (OR)
- ▶ Number of open-response items per grade

What's different this year

- ★ Computer-based for Gr 4 & 8
- ★ New item types
- ★ Calculator restrictions
- ★ Increased number of total points in grade 3
- ★ Updated reference sheets (grades 5–8)

NEW FOR ALL STUDENTS

Blank Scratch Paper

Untimed test sessions

Available to
ALL Students

Assistance from a test administrator
regarding the use of the computer-
based testing platform

TECHNOLOGY PLANNING AND COMPUTER BASED TESTING READINESS

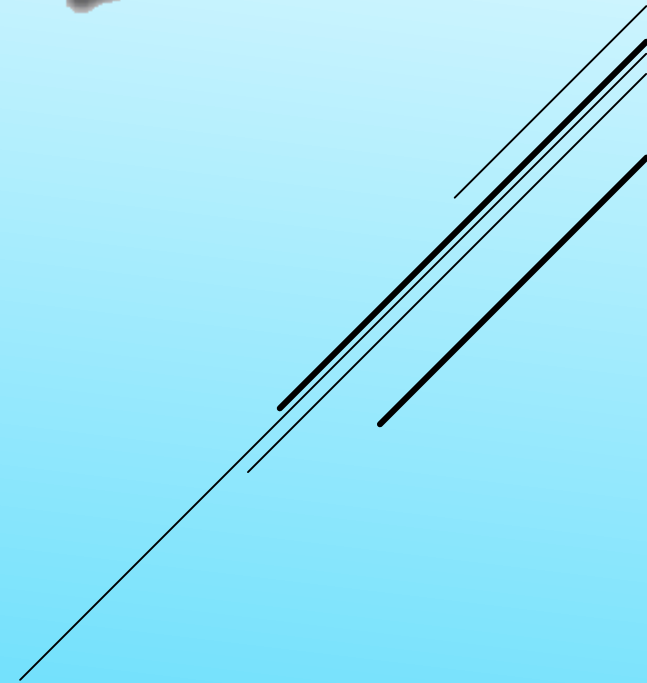


**Tutorial Designed by MS Library Media Specialists
Anna Jorgensen, Helen Mastico, and Natalie Coady**

MCAS 2.0 Skills for Students and Teachers

https://prezi.com/9jfzizq2y3b8/mcas-20-skills/?utm_campaign=share&utm_medium=copy

Examples of Accessibility and Accommodations



Computer-Based	Paper-Based
Highlighter	
Change background/font color	Colored overlays
Screen magnification/Zoom Tool	Magnification device
Line reader tool	Tracking device/straight edge
Answer eliminator	Masking using blank card
Item flag/bookmark	Place marker
Human read-aloud (or sign) selected words on Math or STE, as requested by student	
Repeat/clarify test directions	
Test administrator redirects student's attention to test	

UNIVERSAL ACCESSIBILITY FEATURES AVAILABLE TO ALL STUDENTS

Test Presentation

Computer-Based	Paper-Based
Paper test, if unable to use computer	N/A
Screen reader for student who is blind	Braille test
Text-to-speech/Human read-aloud for Math, STE	Human read-aloud
Human signer for Math, STE, and <u>test questions</u> only for ELA	
Test administrator helps student track test items	

ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES (IEP AND 504)

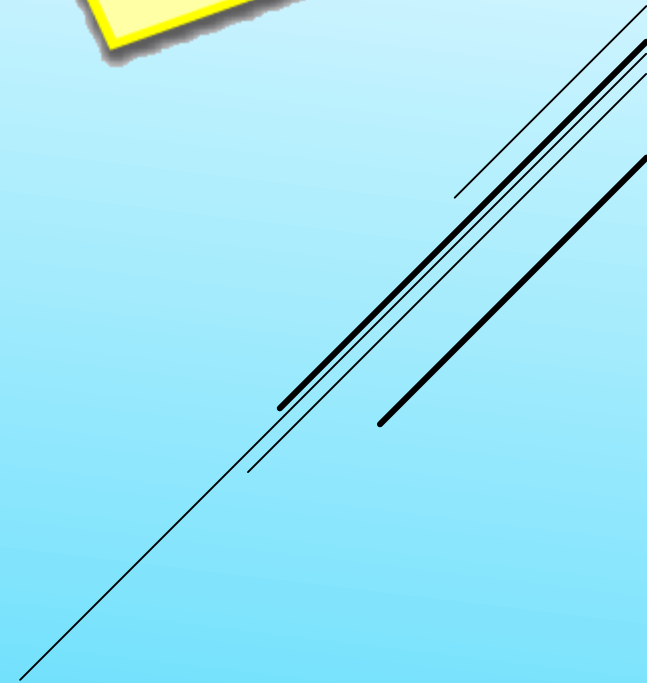
ELL Accommodations

- ▶ Approved Bilingual Word-to-Word Dictionary or Glossary
- ▶ **Text-to-speech/human reader** for Math and STE (in English)
- ▶ **Scribe** for Math and STE
- ▶ Grade 10 English/Spanish Mathematics Test or Retest if enrolled fewer than 3 years
- ▶ **Read aloud/repeat/clarify test directions** in student's native language, if native language speaker is available

ACCOMMODATIONS FOR ELLs



District and School Planning



Preparing for MCAS 2.0 Timeline

	Time Frame	Staff Responsible	Team(s) or Individual(s) Involved	Topic	Location	Completed
Implementation	December 6, 2016	Erin Perkins, Madeline Roy	Curriculum and Assessment Team and Elementary Teachers and Elementary School Principals	Using the survey results, district design team members will meet to plan for site based MCAS 2.0 preparation and support for teachers, students and parents	Point Webster Auditorium	X
	December 8th, 2016	Erin Perkins, Madeline Roy, Sarah Anderson, Roberta DiTullio, Kimberley Quinn, Bridget Vaughn, Maura Papile, Keith Segalla	Curriculum and Assessment Team	The Curriculum and Assessment Team will participate in the MCAS 2.0 conference call. This call will focus on the ELA and Mathematics Test Design, as well as MCAS accommodations and accessibility features.	IT conference table	X
	December 9, 2016	Elementary and Middle School Principals	Curriculum and Assessment Team, Elementary and Middle School Principals and Elementary and Middle School Teachers	Elementary and Middle School principals submit site based plans. Plans will include: plans for professional development through grade-level or vertical teams or site-based PD, targeted in class activities, after school test prep programs (keyboarding, math support, ELA support, online literacy and math opportunities), connections to the library support and media teacher, technology integration within the Tech Engineering course, the use of online diagnostics, exposure to released sample items, practice items with technology embedded tools	Coddington	X
	December 12, 2016	Erin Perkins, Madeline Roy, Keith Segalla	City Wide PTO, Curriculum and Assessment Team	The Curriculum and Assessment Team will share the most current information regarding the Spring administration of MCAS 2.0 with the Citywide PTO.	Broad Meadows	X

- ▶ **Teachers will** expose students to more complex, multi-select items and text based essays (SIPs)
- ▶ **Staff will** participate in professional development with Dr. Boyles around Close Reading Strategies that help students strengthen their comprehension and analysis of complex text. (SIPs)
- ▶ **Utilize the** “Explain” and “Elaborate” features in the new Social Studies Techbook to familiarize students with computer-based responses and paired text
- ▶ **Redesign** the computer lab schedule in order to give Gr 8 students time to practice simulated test practice for CBT; all grade-level students will practice typed written responses of varying length for class assignments
- ▶ **Provide more** opportunities for students to use Google Classroom for assignments and partner work
- ▶ **Examine** DESE’s new Accessibility and Accommodations Guide in monthly grade-level and special education meetings
- ▶ **Communicate with parents** about MCAS 2.0 via ASPEN and Newsletters

Examples of Middle School Site-based Preparation and Planning for MCAS 2.0

- ✓ **Teachers will** meet in vertical teams to incorporate assessments, test sample questions and rubrics that align to next generation assessment question types.
- ✓ **Staff will** participate in professional development with Dr. Boyles, “Preparing Students for Next Generation Assessments”, as well as professional development focused on Close Reading Strategies that strengthen comprehension and analysis of complex text
- ✓ **Utilize** technology both inside the classroom and in the computer lab to introduce a new element each week so that students are exposed to technology enhanced items.
- ✓ **Rethink** the computer lab schedule to maximize time on Tuesdays and to provide grade 4 students with time to practice for the CBT
- ✓ **Provide more** opportunities for students to use programs such as Tenmarks, and Khan Academy
- ✓ **Examine** DESE’s new Accessibility and Accommodations Guide

Examples of Elementary Site-based Preparation and Planning for MCAS 2.0

Quincy Public Schools Technology and Planning
Mayor Koch's Capital Improvement Plan Proposal

~ ELEMENTARY SCHOOL ~

School Name	* Academic Classroom Replacement Computers 8+ Years Old	Replacement Technology Labs 8+ Years Old	** New Technology Labs (Mobile) Chromebooks	Total Computers	*ENO Boards/ Short-Throw Projectors
Atherton Hough	10			10	5
<u>Bernazzani</u>	8			8	5
<u>Beechwood Knoll</u>	11			11	5
Clifford Marshall	13		30	43	5
ECC	15			15	
Lincoln Hancock	14	25	30	69	5
Montclair	12		30	42	5
<u>Merrymount</u>	10			10	5
Parker	11	25		36	5
Snug Harbor	10	25	30	65	5
Squantum	12	25		37	5
Wollaston	13			13	5
GRAND TOTAL	139	4 Labs (100)	4 Labs (120)	359	55

~ MIDDLE SCHOOL ~



School Name	* QPS Staff Replacement Computers 8+ Years Old	Replacement Technology Labs	New Technology Labs (Mobile) Chromebooks	Total Computers	*ENO Boards/ Short-Throw Projectors
Atlantic	14	25	30	69	5
Broad Meadows	17			17	5

Quincy Public Schools

MCAS 2.0

A Resource Guide for Parents

December 2016



Quincy Public Schools
Curriculum and Assessment Team

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RESOURCE FOR PARENTS