



2018 Next Generation MCAS

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ATMIM Winter Conference, January 23, 2018



Agenda

- What does Next-Generation mean?
- Next-Generation Transition
- Grades 3-8
 - Glance at changes
- Grade 10
 - 2018 Legacy
 - 2018 Next-Generation Field Test
 - Who, What, When
 - 2019 Next-Generation Test

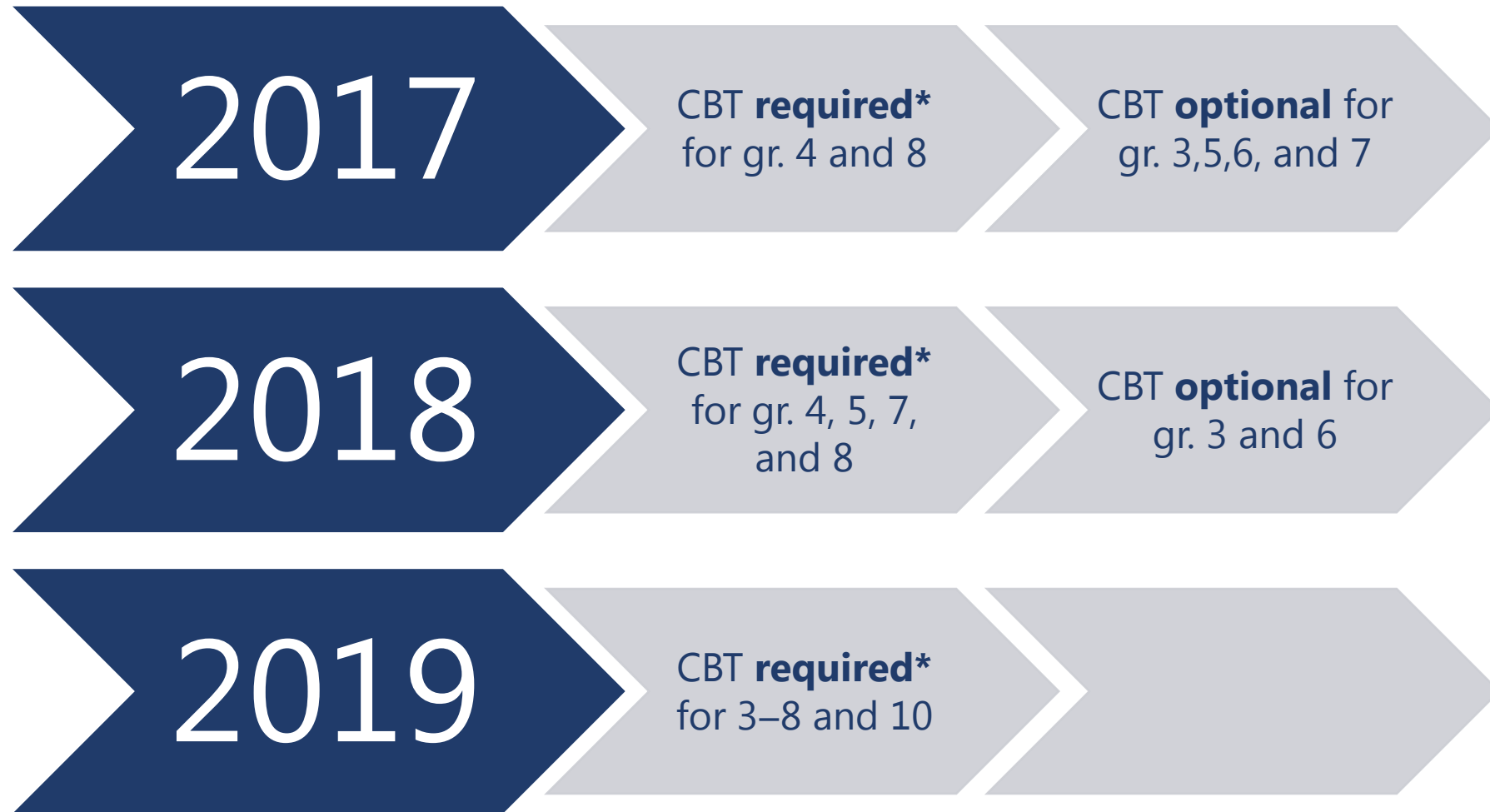


What does “Next-Generation” mean?

- Computer-based
- Stronger alignment to the current Massachusetts Curriculum Frameworks
- New types of test questions
- Will provide clear signals to students, parents, and educators about readiness for the next grade and college/career



Transition to Next-Generation Tests for Mathematics



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



2018 Next Generation MCAS

(For Grades 3-8)

Glance at Changes to 2018 MCAS (*for grades 3-8*)

- **Reduced Item types**

- No more

- 2-point constructed response items in grade 3
 - 3-point constructed response items in grades 4-8
 - 4-point machine scored items in grades 4-8

- New

- 3-point constructed response items in grade 3
 - 2-point machine-scored items in grade 3

- **New standards**

- 2017 Curriculum Framework will be assessed

- **Calculator Policy**

- **Reporting Categories**

- Updated to reflect changes in standards

- **Reference Sheets**

- **Score Categories**



What's New with Released Items?

- Increased number of released items
- What is SA, SR, and CR?
- Item Descriptions



Resources for MCAS (*for grades 3-8*)

- [2017 Released items](#)
- [Updated Percentages for Reporting Categories](#)
- Updated Tutorial
 - <http://mcas.pearsonsupport.com/student/>
- Updated Practice Test
 - <http://mcas.pearsonsupport.com/student/practice-tests-math/>
- Calculator Policy
 - <http://www.doe.mass.edu/mcas/tdd/math.html?section=resources>
- [Accessibility and Accommodations](#)



2018 MCAS Legacy Test

(For Grade 10 Only)

2018 Grade 10 Legacy Test Design

Question Type	Total Points	Number of Questions
Multiple Choice <ul style="list-style-type: none">• <i>Students select one correct answer from among several answer options.</i>	1	32
Short Answer <ul style="list-style-type: none">• <i>Students construct a short written response, typically only a word or a number.</i>	1	4
Open Response <ul style="list-style-type: none">• <i>Students write a response to a multi-part item that includes calculations and explanations to a problem or set of problems.</i>	4	6

2018 Grade 10 Legacy Reporting Categories

Reporting Category	Percentage (+/-5%)	Total Number of Points
Number & Quantity	20%	12
Algebra & Functions	30%	18
Geometry	30%	18
Statistics & Probability	20%	12

Resources for Legacy Grade 10 Test

- Test Design

- <http://www.doe.mass.edu/mcas/tdd/math.html>

- Released Questions

- <http://www.doe.mass.edu/mcas/search/>





2018 MCAS Field Test

(For Grade 10)

2018 MCAS Grade 10 Mathematics Field Test

Purpose

- To try out test questions
- To help high schools prepare for next generation assessments
- To develop next-generation practice tests and resources for schools and districts



2018 MCAS Grade 10 Mathematics Field Test

Who?

- Grade 10 students
- Schools are expected to have at least 25 percent of their grade 10 students participate in Mathematics (*or ELA*)



2018 MCAS Grade 10 Mathematics Field Test

Choosing the 25 percent...

- Option 1: ESE-generated random sample of students
- Option 2: Random sample of classes done by school



2018 MCAS Grade 10 Mathematics Field Test

Possible Exemptions

- First-year English learners (ELs)
- Students with disabilities who take the MCAS Alternate Assessment



2018 MCAS Grade 10 Mathematics Field Test

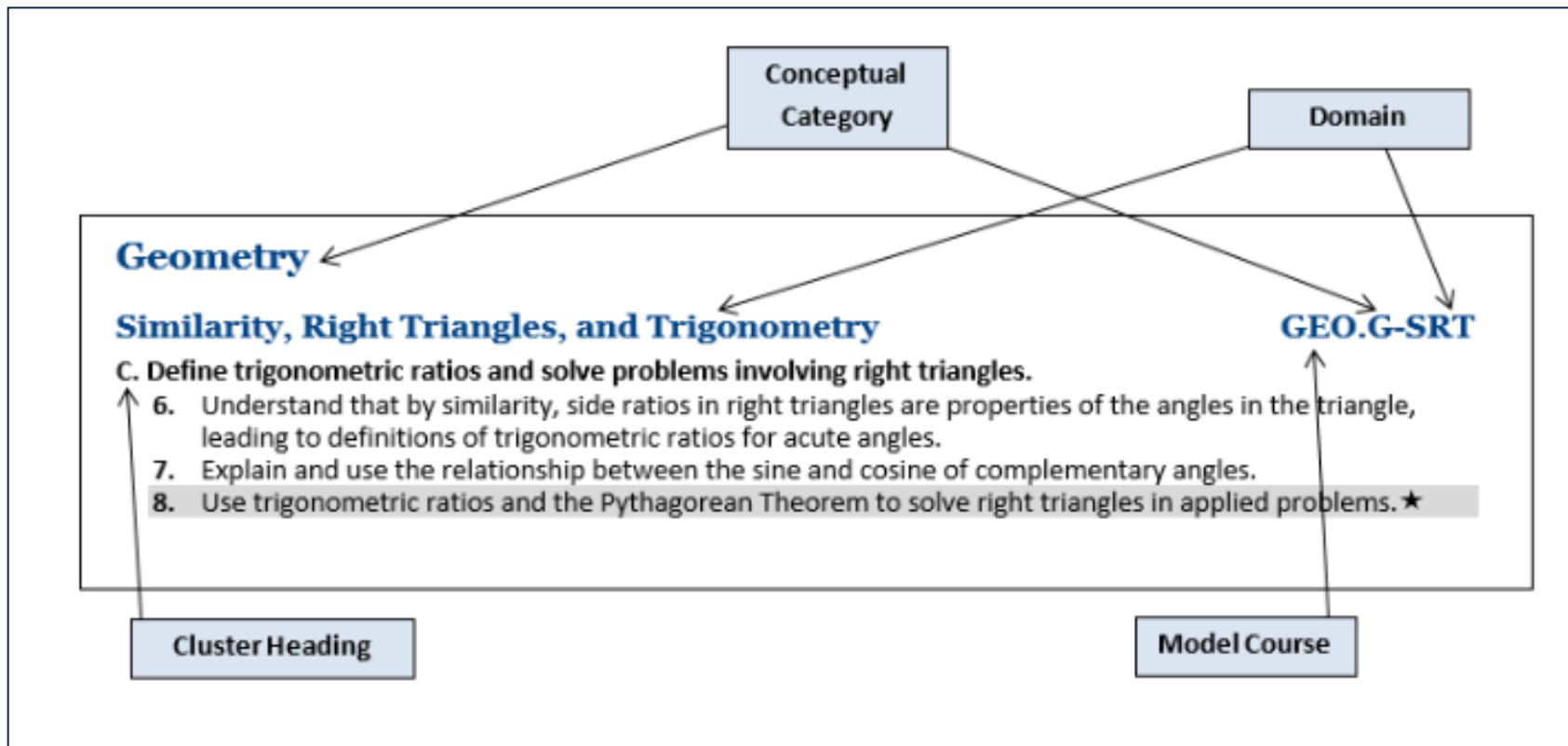
What?

- Multiple forms
 - One form per student
 - Some require calculators
 - Some do not require calculators
- Each Form
 - 16 one-point questions
 - 3 two-point questions
 - 2 four-point constructed-response questions
- 1 session
 - Multiple choice
 - Multiple select
 - Technology-enhanced
 - Including 2-point questions
 - Constructed Response
- High School Standards
 - Clusters



2018 MCAS Grade 10 Mathematics Field Test

Clusters



2018 MCAS Grade 10 Mathematics Field Test

When?

- April 23rd – May 11th
- Recommended Testing Time
 - 90-120 minutes



2018 MCAS Grade 10 Mathematics Field Test

Accountability

- Does **not** replace participation in the operational spring 2018 tests.
- Does **not** affect participation in the operational spring 2018 tests.



2018 MCAS Grade 10 Mathematics Field Test

Tasks that should have already been completed

- Identify the test administration team and update information in School/District Profiles
- Become familiar with CBT components
- Review technology specifications and prepare the school's infrastructure
- Review accessibility features for testing



2018 MCAS Grade 10 Mathematics Field Test

Accessibility

- All accessibility features listed in the 2018 Accessibility and Accommodations Manual are available except Braille and Large Print.



2018 MCAS Grade 10 Mathematics Field Test

Tasks that should be completed now

- Prepare school community
- Familiarize yourself with test administration resources
- Set up test administrator user accounts in PearsonAccess Next (PAN)
- Conduct an Infrastructure Trial
- Contact the MCAS Service Center with any questions
- Participate in training



2018 MCAS Grade 10 Mathematics Field Test

Training Sessions to Prepare for the Field Test Administration

Session	Dates
Accessibility and Accommodations	January 11, 10:00–11:30 a.m.
Student Registration/Personal Needs Profile	January 18, 10:00–11:30 a.m.
Test Security and Administration Protocols for High Schools	January 23, 9:30 a.m.–12:00 p.m.
Pre-Administration Tasks for Technology Staff	February 13, 10:00 a.m.–12:00 p.m.
"Office Hours" on CBT Topics	March 1, 10:00–11:30 a.m. April 4: 12:30–2:00 p.m. April 24, 10:00–11:30 a.m.



Resources for 2018 Grade 10 Field Test

- Pre-Administration Guide
 - <http://www.doe.mass.edu/mcas/testadmin/ghs-cbt-pre-adminguide.docx>
- Training Opportunities
 - <http://www.doe.mass.edu/mcas/training.html>
- Recordings of Previous Training Sessions (1/11, 1/18, and 1/23)
 - <http://mcas.pearsonsupport.com/training/>





Glimpse at 2019 Next-Generation MCAS *(For Grade 10)*

2019 Grade 10 Next-Generation Test

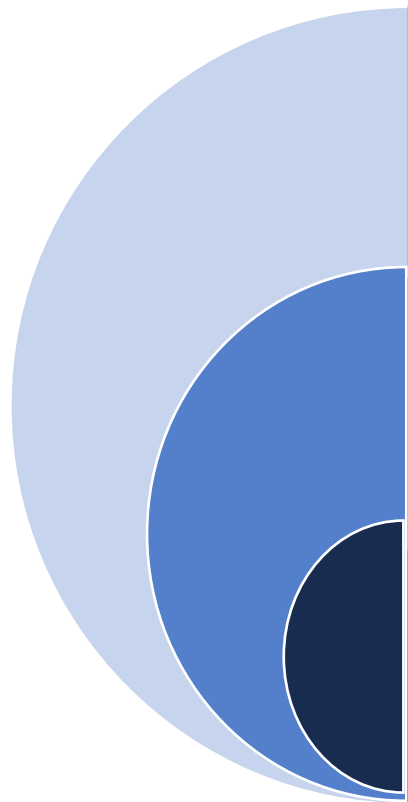
- Computer-based
- New Percentages for Reporting Categories
- New Reference Sheets
- New Online Practice Test
- Coded to Clusters in the 2017 Framework



Resources for 2019 Next-Generation Grade 10 Test

- Test Design
- Online Practice Test
 - Coming in the Fall to MCAS Resource Center
 - <http://mcas.pearsonsupport.com/student/practice-tests-math/>
- Tutorial
 - <http://mcas.pearsonsupport.com/student/practice-tests-math/>
- Clusters Document
 - <http://www.doe.mass.edu/mcas/tdd/math.html?section=testdesign>

Break-out Sessions



Grades 3-5	• Mary Lou Beasley
Grades 6-8	• Simone Johnson
Grade 10	• Jim Verdolino

Questions / Thank You

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