



New York's Transition to Computer-Based Testing

April 2016



New York State
EDUCATION DEPARTMENT
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Current Status of Computer-Based Testing in New York



New York State Alternate Assessment

- 2016: First year of computer-based testing for NYSAA.
- ELA & Math components of NYSAA are computer-based for all students.
- Science and Social Studies are still portfolio based.
- Test Window: March 21st – June 3rd for ELA and Math.

Grades 3-8 ELA & Math Assessments

- 2016: ELA & Math field tests in Grades 3-8 will be administered on computer.
- Participation in computer-based field testing is optional in 2016.
- Test Window: May 23rd – June 10th.
- 2017: operational tests will be available on computer. Participation will be voluntary.

TASC & Teacher Cert Exams

- TASC:
 - Limited access to computer-based testing by test center in 2016.
 - Only some testing centers are set up for computer-based testing.
- Teacher Cert
 - Currently all exams administered by computer.

Five Year Transition Timeline



School Year	Computer-Based Testing
2015 – 2016	All NYSAA ELA & Math Tests administered on computer Grades 3-8 ELA & Math Field Tests on computer + Goal: 700 schools, 1 in every district + Participation is voluntary
2016 – 2017	All NYSAA ELA & Math Tests administered on computer Some Grades 3-8 ELA & Math operational tests administered on computer (Voluntary participation) + Goal: 700 schools, 1 in every district Some Grades 3-8 ELA & Math Field Tests on computer
2017 – 2018	All NYSAA ELA & Math Tests administered on computer Some Grades 3-8 ELA & Math operational tests administered on computer (Voluntary participation) + Goal: 1400 schools, representing schools in every district Some Grades 3-8 ELA & Math Field Tests on computer
2018 – 2019	All NYSAA ELA & Math Tests administered on computer Some Grades 3-8 ELA & Math operational tests administered on computer (Voluntary participation) + Goal: 2800 schools, 1 in every district
2019 – 2020	NYSAA ELA & Math Tests fully on computer All Grades 3-8 ELA & Math Tests administered on computer (as appropriate)

NEW YORK STATE ALTERNATE ASSESSMENT

NYSAA Computer-Based ELA and Math Tests



- ELA and math are being assessed using Dynamic Learning Maps (DLM)
 - <http://dynamiclearningmaps.org/>
- DLM is a computer-delivered adaptive assessment measuring a student's achievement of the ELA and math standards at a reduced level of depth, breadth, and complexity.
- The assessment provides an opportunity to customize and adapt the assessment to the individual abilities and needs of the student, and is quicker and easier to both administer and score.

Key Characteristics of the New NYSAA



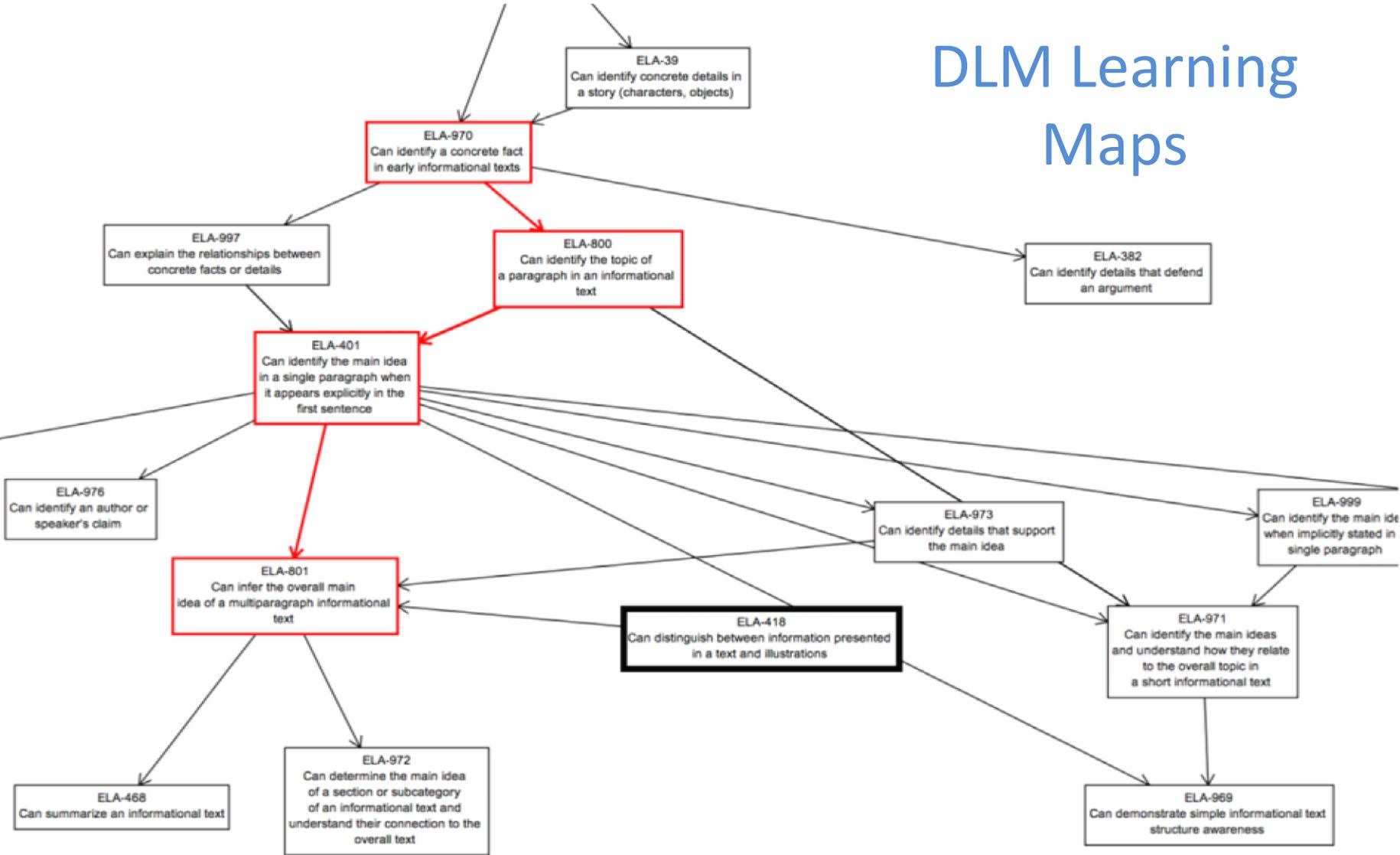
- Assessments are administered by using a computer or other electronic device to allow for assessment tasks to be adapted to the student's level of proficiency.
- Computer-administered assessments allow for a wide range of technology-based, assistive devices to be available.
- Assessments are scored by, or with the assistance of, computer software. Scannable score sheets or answer sheets are not needed.
- Collegial Review and the creation of Verifying Evidence are eliminated.

NYSAA Administration



- Students take multiple testlets with no more than 8 items in ELA and math.
 - Item types: multiple choice, sorting, matching, and selecting test.
 - Total test time is 40-80 minutes per subject.
- May be computer-administered or teacher administered based on student needs.
- Flexible scheduling allows one or more testlets to be administered in a single session.

DLM Learning Maps



Released Testlet: Math Grade 6



Math.6.NS.3.T

Choose BEGIN to start.

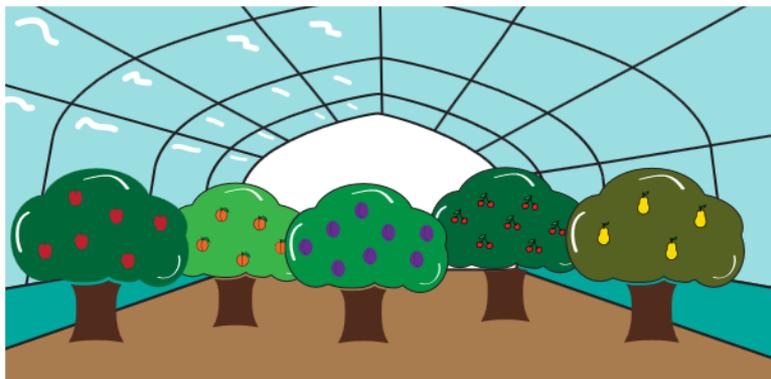
⬅️ GO BACK

BEGIN ➡️

Test Item



Ben has a greenhouse. The greenhouse holds fruit trees. Ben gets fruit from the trees. Ben puts the fruit in groups to count how much he has.



BACK ↩



NEXT ➡

Test Item (cont'd.)



Ben has 1 pear tree. There are 5 pears on the tree. How many pears are there?

3 pears

4 pears

5 pears

BACK ↩



NEXT →



GRADES 3-8 ELA & MATH COMPUTER-BASED FIELD TESTS

2016 Grades 3-8 Computer-Based Field Tests



- Every district was encouraged to field test on computer in at least one school in 2016.
- Schools selected for the computer-based field tests will administer the field tests in:
 - One grade
 - One content area
 - One 40 minute session
 - Three week, flexible field test window

Accessibility Features & Accommodations



- Nextera™ includes **features available for all students** that are embedded in the test delivery platform, including math tools, highlighter, answer elimination, magnifier, etc.
- Some **accessibility features are available if identified in advance** and need to be turned on by test administrators. For example, test administrators can set screen contrast to change background color, font, and contrast overlay.
- **Accommodations** for students with disabilities, English learners, and English learners with disabilities must be identified and will be selected in the test administration system prior to the test date.

The test platform includes accessibility features for all students.



Features include:

- Highlighter
- Answer eliminator
- Magnifier
- Calculator
- Protractor
- Ruler
- Flag answers
- Notepad

Math - Grade 5

Question 2 of 7
✓ You've answered 0 of 7 questions.

Review

Tools

- calculator
- ruler
- protractor
- selector
- highlight
- eliminate answers
- reference

Members of the Garner High School yearbook committee need to put 1,344 student photos on 24 pages in the yearbook. They want to put the same number of student photos on each page. How many student photos will they put on each page in the yearbook?

(A) 51
(B) 52
(C) 56
(D) 61

Don't share or discuss the contents of this test or material with others.
Powered by Nextera™ | Online ✓

Questar

Students have access to onscreen math tools approved for their grade level, including calculators, protractors, and rulers.



Math - Grade 4

Ellen

Review

Question 5 of 8

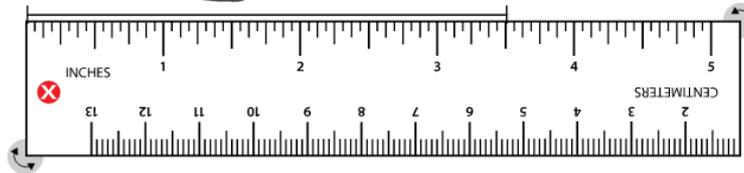
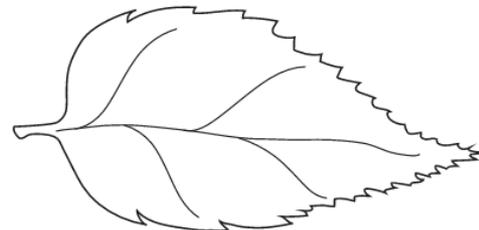
✓ You've answered 3 of 8 questions.

Tools



100%

Taylor is measuring leaves for an art project.



What is the length of this leaf?

- (A) $3\frac{1}{4}$ inches
- (B) $3\frac{1}{2}$ inches
- (C) $4\frac{1}{4}$ inches
- (D) $4\frac{1}{2}$ inches

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Questar.

All students can easily turn the answer choice eliminator on or off.



Math - Grade 7

Jim

Review

Question 2 of 8

✓ You've answered 0 of 8 questions.



Tools



Yesterday, the temperature at noon was 11.4°F . By midnight, the temperature had decreased by 15.7 degrees. What was the temperature at midnight?

- (A) -4.3°F
- (B) -11.4°F
- (C) ~~-15.7°F~~
- (D) ~~-27.1°F~~

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Questar.

Students can flag and review test items. From the “Review Your Test” screen, students can easily identify the items flagged or not answers and can easily return to those items.



Math - Grade 4

Review

Tools

- ruler
- protractor
- selector
- highlight
- eliminate answers

Review your test

Question #	Answered	Flags	Notes
1	Yes		
2	No		
3	Yes		
4	Yes		
5	No		
6	No		
7	Yes		
8	No		

You have answered 4 of 8 questions.

Click or tap the I'm Done button when you have finished your test.

I'm Done

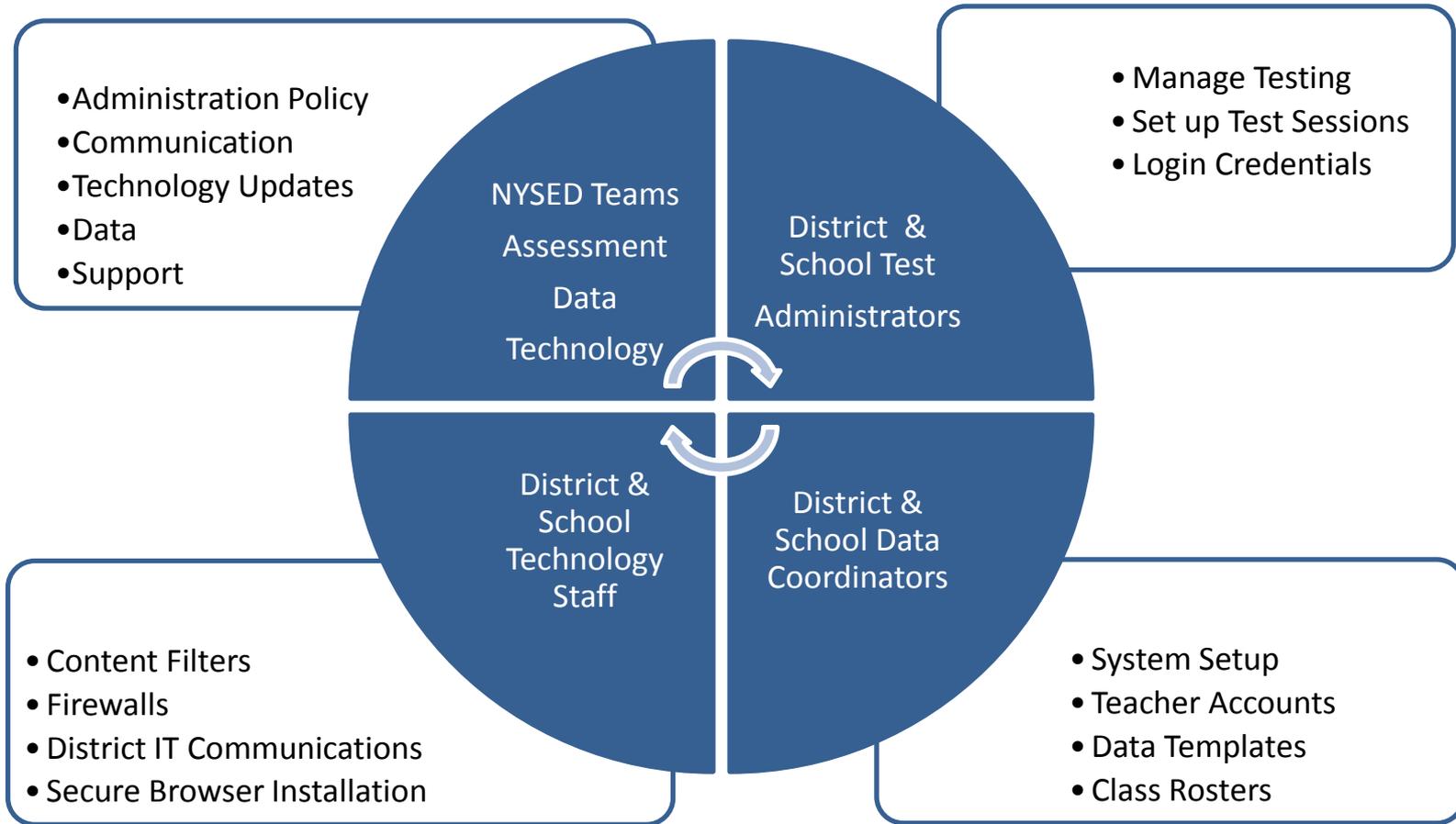
Close

Don't share
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Questar

READINESS & SUPPORT FOR COMPUTER-BASED TESTING

Communication & Collaboration is Key to Prepare for CBT



Field Training & Support for the NYSAA Computer-Based Test



Computer-Based Field Test Administration Window: March 21, 2016 – June 3, 2016

October - December

- Field Outreach
- Initial release of training materials and support documents
- Meeting with NYSAA Advisory Committee

January

- AATN Regional Trainings
- Test Administrator Manual
- Accessibility Manual
- Released testlets available in KITE Client

February

- System setup
- Webinars and trainings on data and technology
- Technology setup

March - June

- Additional training on demand
- Administration of the computer-based NYSAA

Field Training & Support for the 3-8 Transition



Computer-Based Field Test Administration Window: May 23, 2016 – June 10, 2016

October - December

- Field Outreach
- Release Calendar of Trainings
- System Readiness Tools
- IT/Technical Training for RICs, BOCES, Big 5, and District staff

January - February

- Online Practice Tests
- Regional Trainings for test coordinators and test administrators
- Release of the Preview Administration Site

March - April

- Additional training
- Release of video tutorials
- Infrastructure Trials
- Administration Site available to manage accounts and classes

May - June

- Technical site visits by Questar
- Test Manuals available
- Prepare for computer-based field tests
- Administer computer-based field tests

Readiness Resources



- Regional trainings for test coordinators and test administrators.
 - Questar trained over 900 district and school representatives in January.
- A computer-based question sampler is available in every grade in ELA and mathematics using previously released items.
- A system readiness tool allows schools to run a check on the device to determine if it meets the minimum technical requirements.

Readiness: System Scan



<http://www.questarai.com/support/>



Home Large-Scale Assessment District Literacy Assessment Perspectives About Us [Get Started](#) 

Do your testing devices meet our minimum system requirements?

System Scan takes a deep dive and then surfaces with details about how your device's browsers, operating systems, device specs and more comply with our general [system requirements](#).

During testing, students will need to use Questar's secure testing browser to access the testing material. The browser portion of this scan applies only to Questar testing administration sites and not to the actual tests themselves.

Scan Now

Device Information

-  **SYSTEM TYPE**
Desktop
-  **OPERATING SYSTEM**
Apple Mac OS X
-  **OPERATING SYSTEM VERSION**
10.9.5

Browser Information

-  **BROWSER**
Apple Safari
-  **VERSION**
9.0.3
-  **ACCEPTING COOKIES?**
Yes

Question Sampler

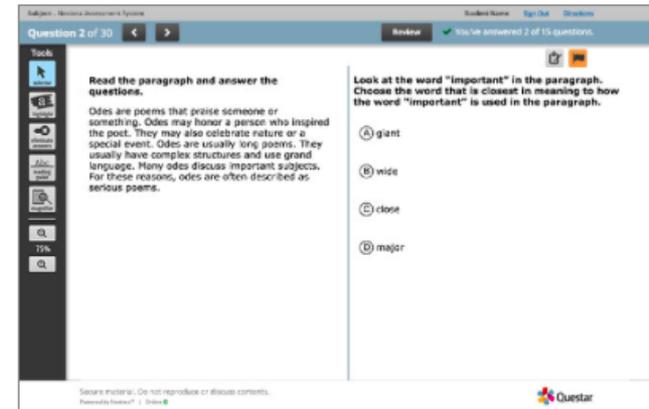


<http://www.nysed.gov/edtech/schools/question-sampler>

New York State Grades 3-8 Testing Program Question Sampler

The New York State Education Department and Questar are committed to supporting students, families, teachers and administrators through every step of the testing process. The Question Sampler offers an opportunity for students to become familiar with the test format, the question types and the tools they will experience during testing.

[Learn more](#) or try the Question Samplers below.



Select Question Sampler

Math and



Additional Information:

<http://www.nysed.gov/edtech/cbt>



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