



3-8 ELA and Math Computer-Based Field Testing

May 2016



New York State
EDUCATION DEPARTMENT
[Knowledge](#) > [Skill](#) > [Opportunity](#)

Computer Based Testing History



- Computer-based testing began as early as 1985, but until recently was only widely used in higher and adult education.
- By 2010, over half of the fifty states had either fully operational CBT examinations or were in the process of field testing.
- There is no single model for CBT. In 2011, College Board recognized at least seven unique models of CBT delivery.
- While not specifically emphasizing CBT, the Every Student Succeeds Act maintains the importance of testing and values innovation in assessment.

New York State's Progress Toward Computer-Based Testing in K-12



Date	Action
October 2011	Board of Regents discuss several proposals to improve the integrity of the New York State testing program, including a shift to computer-based testing.
March 2012	Department staff present to the Board of Regents on the development of a statewide computer-based testing transition plan.
May 2012	NYSED signals initial interest in moving toward computer-based testing via a memo to the State from Commissioner King.
August 2013	NYSED releases guidance to the State that optional PARCC field testing may take place by computer. This is the first opportunity for State-led assessments by computer in K-12.
Spring 2014	230 schools participate in field testing for the PARCC exams, of which 60% choose to test by computer.
July 2015	NYSED awards contract to Questar Assessment Inc. that allows for Grade 3-8 assessments to be administered by computer.
September 2015	NYSED releases memo to the State about opportunities to participate in computer-based testing for Grade 3-8 assessments.
December 2015	NYSED released memo outlining significant guidance on training and resources available to assist districts with preparing for computer-based testing.

Grades 3-8 ELA & Math Field Tests



Field Test Administration Window May 23rd – June 10th

ELA & Math field tests in Grades 3-8 will be administered using both paper and computer.

Computer-based participation is optional.

2016 Grades 3-8 Computer-Based Field Tests



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

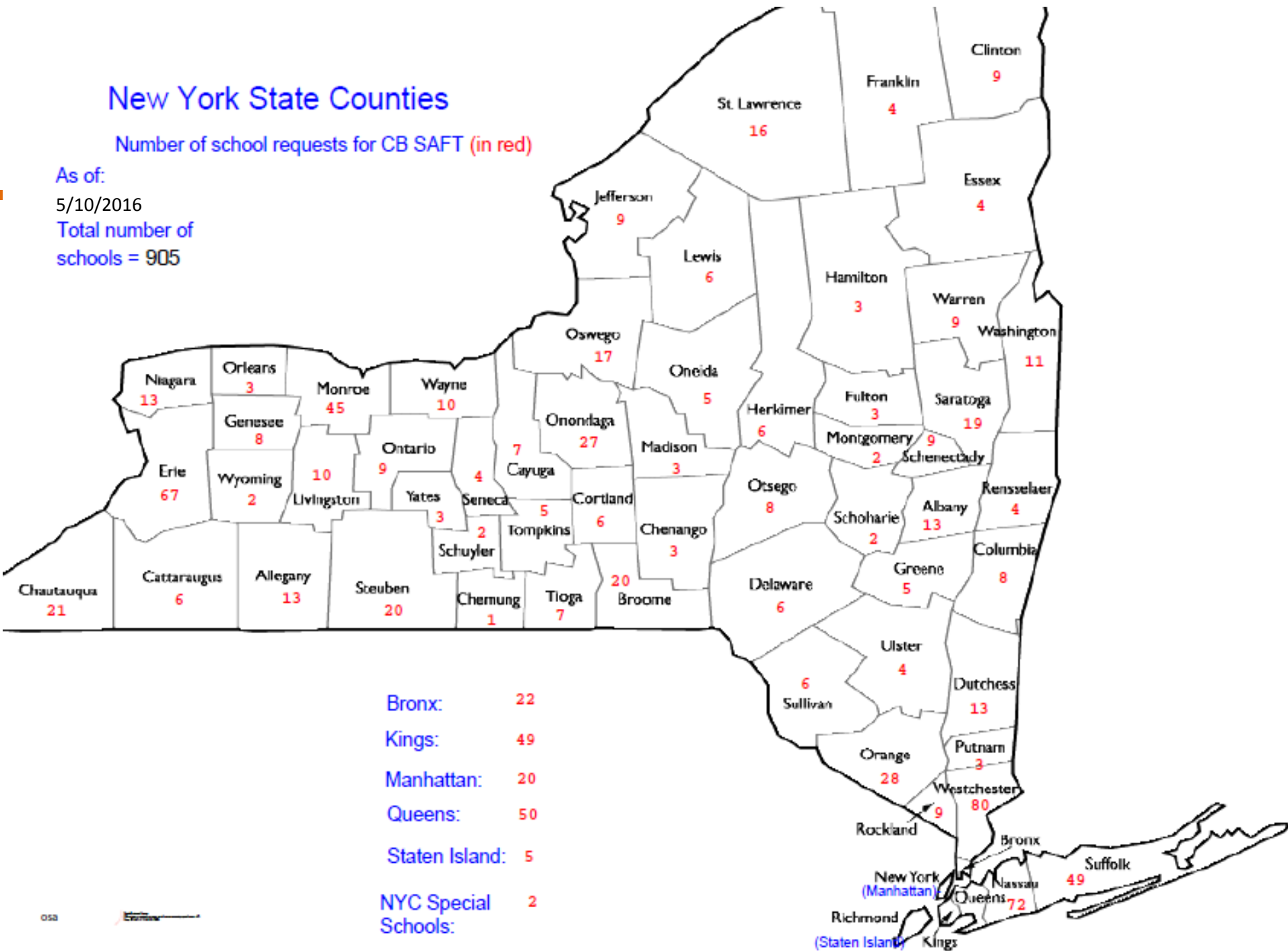
New York State Counties

Number of school requests for CB SAFT (in red)

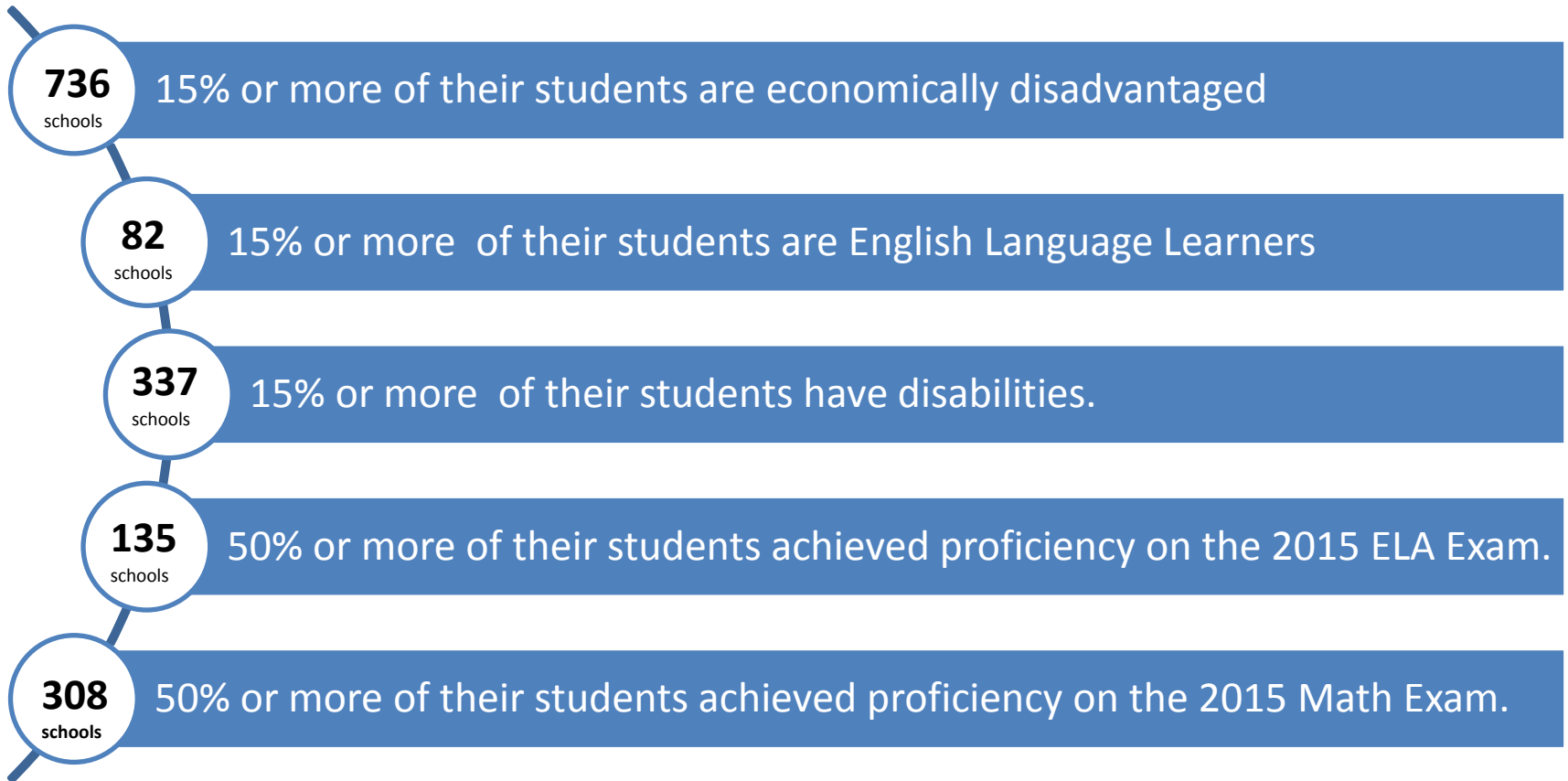
As of:

5/10/2016

Total number of schools = 905



What We Know About the 2016 CBT Schools*

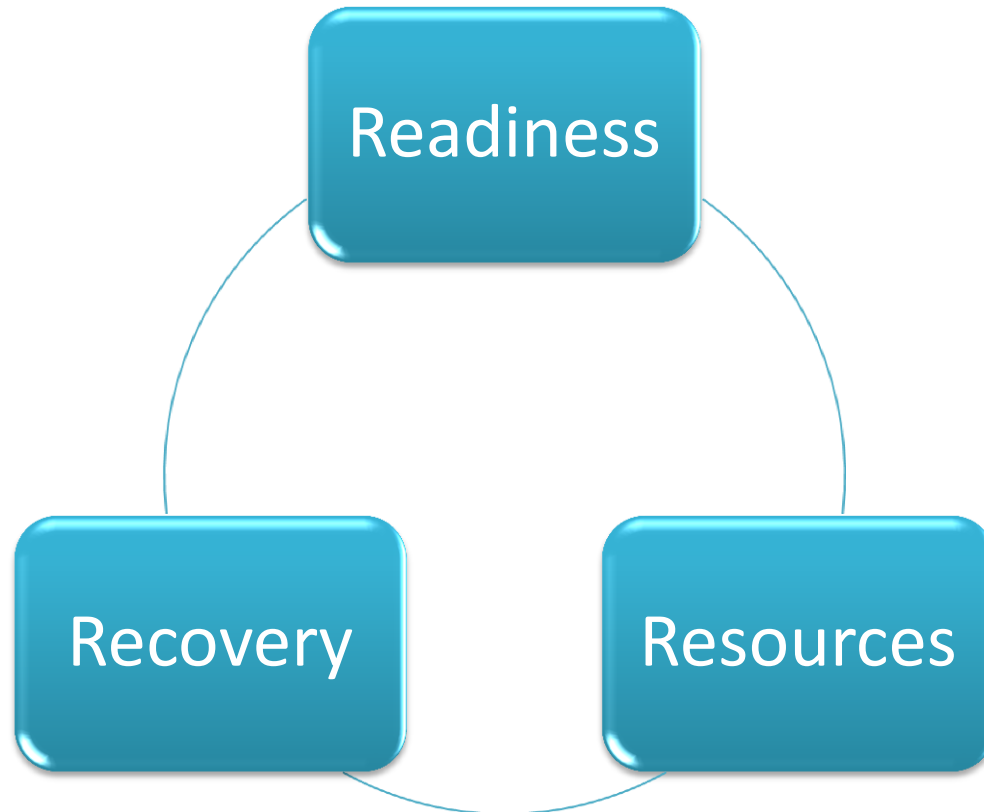


What We Know About the 2016 CBT Schools

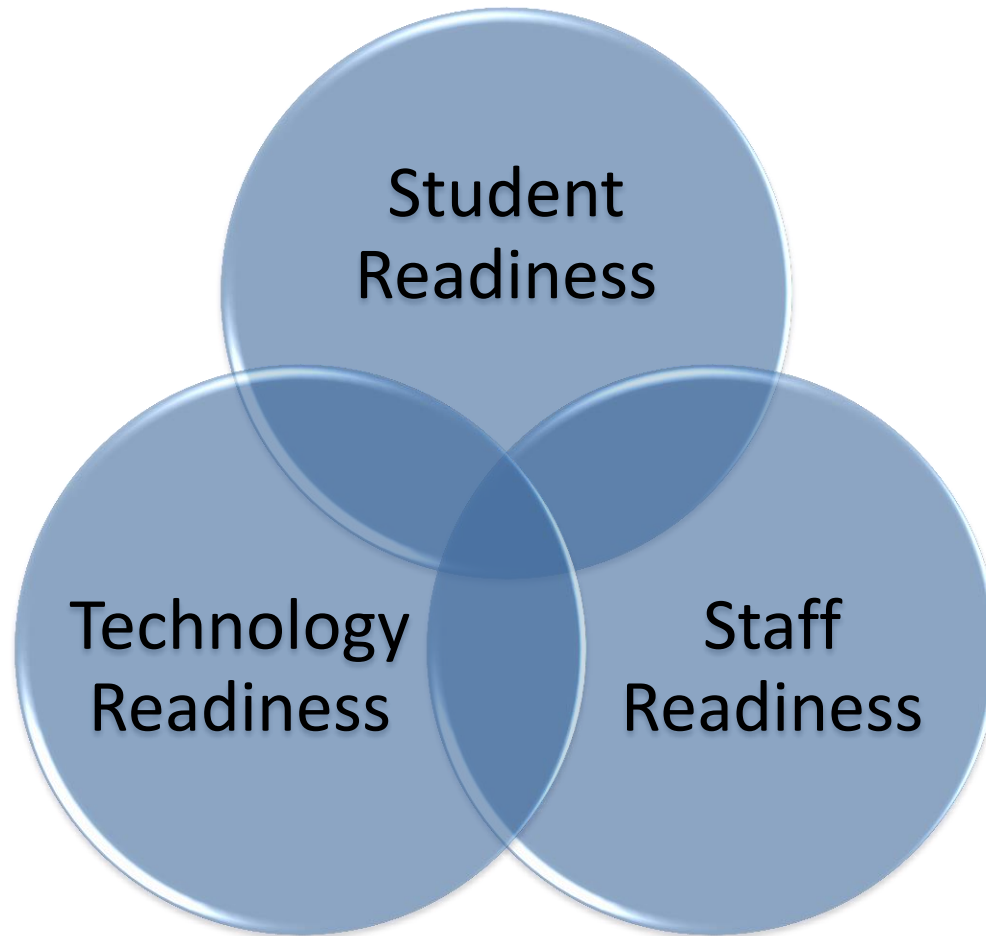


- Statewide, 37% of schools chose to test by computers.
- When looking at participation by Needs / Resource Category (NRC):
 - Approximately 50% of schools in the “Average Needs”, “Large City”, “Low Needs”, and “Charter” NRC categories chose to test by computer.
 - Slightly more “Rural High Needs” schools are testing by computer (approximately 60%).
 - Fewer nonpublic, NYC, and “Urban/Suburban” schools are testing by computer (approximately 20%).

The three pillars of our implementation strategy:



Readiness



Technology Readiness



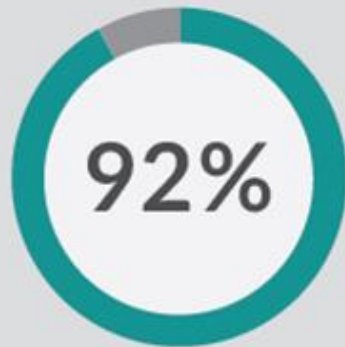
New York



LEADER

K-12 connectivity status

92% of school districts in New York are ready for digital learning today. To meet 2018 demand, the typical school district in New York will need to **grow bandwidth at least threefold**.



Minimum Goal

100 kbps
per student

The Education Superhighway, a non-profit focused on upgrading the Internet access in every public school classroom in America, flags New York State as leader with 92% of its schools meeting the federal standard of minimum broadband connectivity of 100kbps/student.

Federal and state funding is available to continue to improve connectivity, such as the federal eRate program and Governor Cuomo's Broadband for All initiative.



- ✓ The Smart Schools Bond Act authorized the issuance of **\$2 billion** of learning and opportunity for students throughout the State.
- ✓ In 2015, in support of the Smart Schools Bond Act, the New York State Education Department provided **\$14.5 million** in additional funding through the federal Race to the Top grant. These funds were in support of the purchase of computer devices – including laptops and tablets – for students across the state to help integrate technology-rich learning experiences into students' daily instruction.
- ✓ Additionally, **\$87 million** was awarded through a Microsoft settlement to New York State schools who qualified based on economic indicators for the purchase of eligible hardware and software.

Projected Expenditures

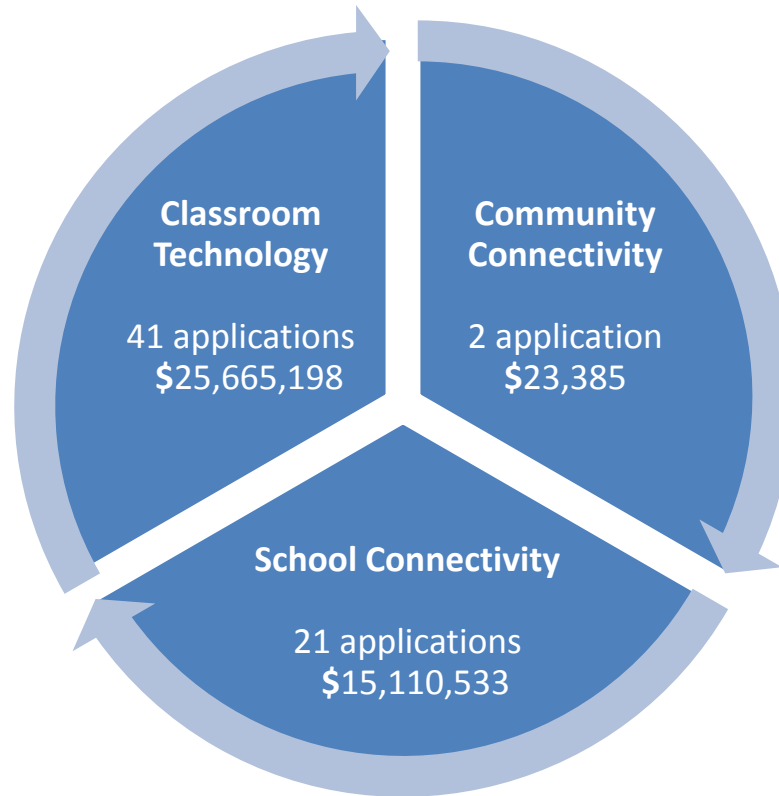


District Instructional Technology Plans indicate almost half of all districts are looking to increase wifi access and purchase laptop computers.

The top five projected expenditures included:

1. Wi-Fi (395 Districts)
2. Laptops (372 Districts)
3. Professional Development (350 Districts)
4. Tablets (278 Districts)
5. Desktops (242 Districts)

Smart Schools Bond Applications Approved From 52 Districts



Ed Tech Funding Matrix



FUNDING SOURCE NAME		<u>Smart Schools Bond Act (SSBA)*</u>	<u>Instructional Materials Aid</u>	<u>E-Rate</u>	<u>COSERs</u>	<u>Building Aid</u>	<u>Learning Technology Grant (LTG)</u>
FUNDING SOURCE DESCRIPTION		\$2B in bond funds allocated to all districts can be used for educational technology, school and community connectivity.	Entitlement to districts, annual reimbursement for qualified expenditures: Textbook ~\$179.7 M Hardware ~\$38.6 M Software ~\$46.5 M	\$2.4B nationwide discounts on telecomm and internet purchased services: Category 1 funding supports connectivity to schools; Category 2 funding supports in school building networks.	State Aid reimbursement to districts through shared services, with reimbursement ratios in wealth-based formulas.	Building Aid is available for expenditures incurred in construction of new buildings, additions, alterations or modernization of district-owned building.	\$3.285M annually in 3 year cycles, competitive RFP grant to LEAs, in support of learning technology and professional development.
ELIGIBLE EXPENDITURES	Devices	✓	✓		Certain programs may be eligible		✓
	Professional Development		✓		✓		✓
	Software		✓		✓		✓
	Digital Textbooks (E-Textbooks)		✓				✓
	Subscription-based (cloud) content		Under Consideration		✓		✓
	Assistive Devices	✓	✓		✓		✓
	New Broadband (fiber)	✓		✓	✓	✓**	
	Broadband Enhancements	✓		✓	✓	✓**	
	Infrastructure	✓		✓	✓	✓	
Technical Support				✓			

* SSBA funds cannot be used to leverage other sources of State Aid. Similar restrictions may apply to other funding sources.

** Within buildings only – not to connect buildings

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.

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: System Scan



[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



New York State
EDUCATION DEPARTMENT
Knowledge > Skill > Opportunity



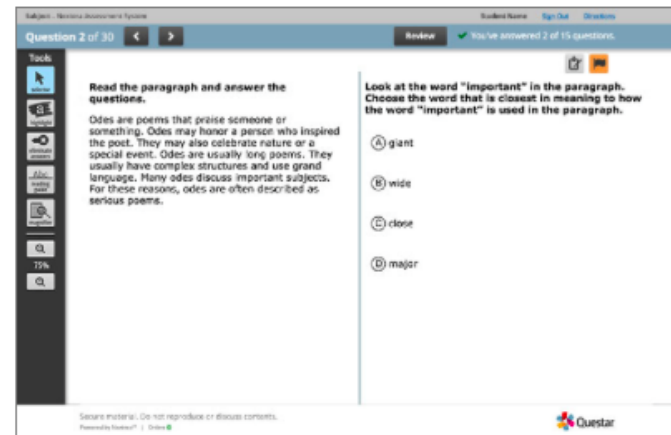
Question Sampler



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

Select Grade



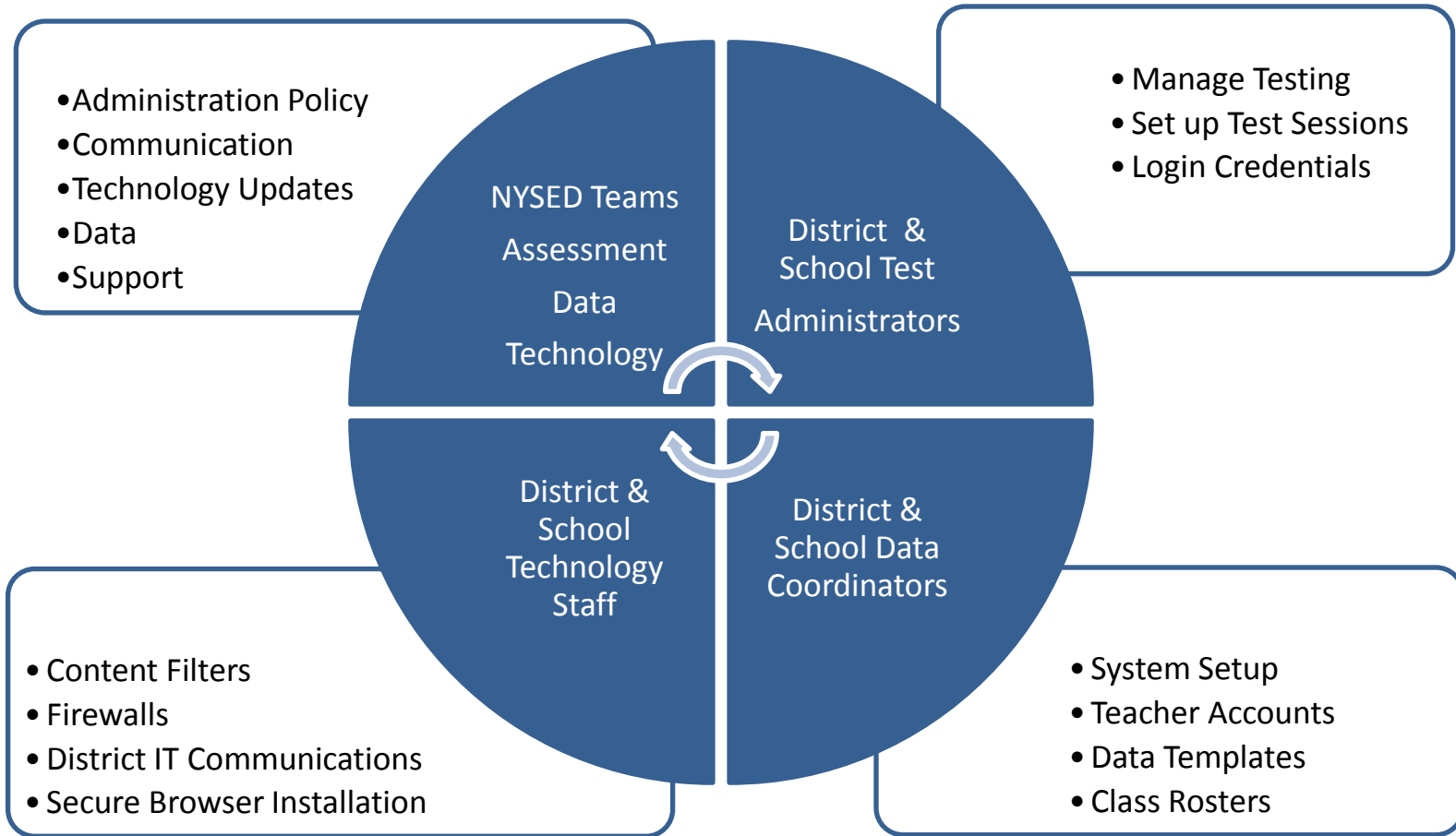
Recovery



What happens if something goes wrong?
And something will go wrong...

- ❖ Low Stakes Field Test Environment
- ❖ Experience Outweighs Completion
- ❖ Vendor, NYSED, District and Regional Support
- ❖ Videos, Tutorials, FAQs, Training Materials, Live Chat

Communication & Collaboration is Key to Prepare for CBT



How will NYS evaluate this year's CBT experience?



- Student Surveys
- Focus Groups
- Continued Discussions with Stakeholders



Field Panel



New York State
EDUCATION DEPARTMENT
Knowledge > Skill > Opportunity



Additional Information:

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



New York State
EDUCATION DEPARTMENT
[Knowledge](#) > [Skill](#) > [Opportunity](#)