

Nextera Functional Enhancements for Mississippi

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Mississippi Statewide Assessments

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Topics

- Cover visible updates
- Preview of updated Nextera Admin
- Discussion

New Feature Highlights

Nextera Administration

- Ability to delete empty classes
- New Status Details Page
- Display connection status
- Modified language for accommodations
- Greater control around changing student's grade—affects form assignment
- Removal of retester field from student page

Nextera Test Delivery System (TDS)

- Changing pdfs to online version of practice test
- Added formatting to constructed response boxes
- Text to speech play options
- Color accommodations contrast

Nextera Administration System

Spring 2018 EOC | No District | No School | No Subject [Change](#)

Nextera Administrator [Sign Out](#)

Mississippi Statewide Assessments



[HOME](#) [STUDENTS](#) [CLASSES](#) [TEST ADMINISTRATIONS](#) [ACCOUNTS](#) [REPORTS](#) [ADMINISTRATION](#) [HELP](#)

i Click or tap the "Change" link at the top of the page to select or change your active district and school. ×

Your Profile

Name: Nextera Administrator
Email: infosec@questarai.com
Associated with: State (State)

Administration Quick Links [Edit](#)

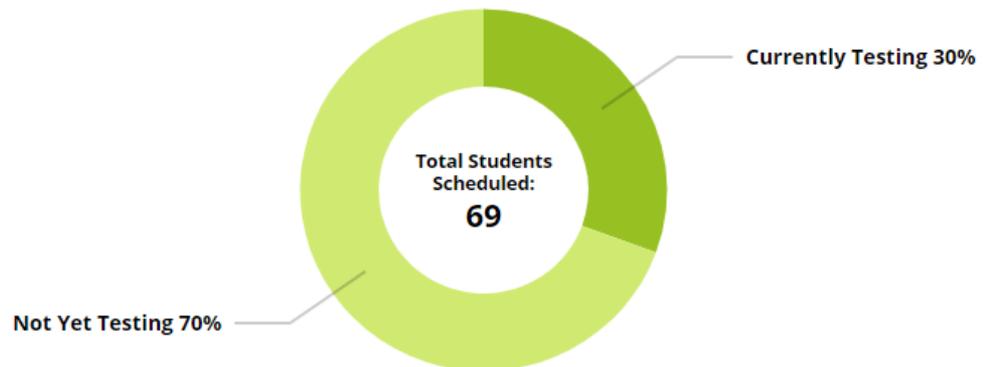
DZESpLTrXKluxGQ

District Test Coordinator Checklist [Edit](#)

pXTFdmJJrYLZrUW

Testing Status Dashboard

You're Viewing: **Statewide** [change](#)



Admin: Deleting Empty Classes

- Only classes without students will display Delete button

Classes

Classes for Spring 2017 EOC New Class

Search

Class	Teacher	Test Administrator Name	Grades		Delete
0209Class	Teacher LName	None	K,08	View	
08		None	—	View	Delete
1	Math I	None	04,05,06,07,09,10,11,12	View	
1	Math I	None	01,02,03,04,05,06,07,08,09,10,11,12	View	



Admin: New Status Details Page

Users can see views based on permissions levels of testing status—district, school, student. available for SLU, DTC, DLU, STC and BLU, with appropriate district/school access.

Testing Status Details

Testing Status Filters

Window: Spring 2017 EOC District: --make a selection-- School: --make a selection--

Content Area: --make a selection-- Class: --make a selection--

State View:

Mississippi General Information

Number of Districts:	76	Districts Not Started:	51	Districts Completed:	0
Number of Schools:	139	Districts In Progress:	20	Districts Not Testing:	5

Show 10 entries

Search: Enter any part of a district's name, ID, or status to begin.

District Name	District ID	Overall Status	Number Schools in District	
District A13	DA13	In Progress	8	View
QAITest	QAITest	Not Testing	0	View
QA Form Test One	QD05	In Progress	3	View

District View:

School Name	School ID	Overall Status	Number of Subjects in School	
School A13	SNA13	In Progress	2	View
School A132	SNA132	Not Started	0	View
School A13 3	SNA133	Not Started	0	View

School View:

First Name	MI	Last Name	MSIS	Session 1	Session 2	Session 3	Session 4
Test		MA170808	08800027	Not Started	N/A	N/A	N/A
Test		MA170801	08100024	In Progress	N/A	N/A	N/A
Test		EN170308	93800024	In Progress	N/A	N/A	N/A
Test		EN170308	93800025	Not Started	N/A	N/A	N/A
Test		EN170308	93800026	In Progress	N/A	N/A	N/A

Admin: Display Connection Status

- Available for SLU, DTC, DLU, STC and BLU, with appropriate district/school access.
- Note: The status will be offline if the student hasn't logged in.

Mississippi Statewide Assessments



HOME STUDENTS ▾ CLASSES TEST ADMINISTRATIONS ▾ ACCOUNTS ▾ REPORTS ▾ ADMINISTRATION ▾ HELP ▾

Test Name:	Mississippi Spring EOC
Testing Dates:	4/17/2017 to 5/16/2017

ⓘ You are not within the testing window. ×

Examiner View

Print Labels

Session 1 Access Code 9213	<input type="text" value="New Access Code"/>	<input type="button" value="Submit"/>	<input type="button" value="Cancel"/>
Session 2 Access Code 9166	<input type="text" value="New Access Code"/>	<input type="button" value="Submit"/>	<input type="button" value="Cancel"/>

Registered Students:

Session

Last Name	First Name	MSIS	Password	Grade	Form Name	Connection Status	Status	Total Items Completed	Date/Time Started	Date/Time Completed	Status Codes
KellyTest	TestKelly	7878787878	vgft6p	07	A117104002	Offline	Session 1: Not Started	0			Set
							Session 2: Not Started	0			Set



Admin: Modified Language

- Requested change of accommodation screen description from “Screen Reader” to “Text to Speech”

Online Testing Accommodations Offline Testing Accommodations Classroom Accommodations

Tap or click any option below to enable or disable it for this student.

 Answer Masking Tool This tool hides answers that the students select, allowing the students to focus on just the answers they want. Clicking on answer choices reveals them to the students.	 Text-to-Speech This feature reads the question and, for certain types of questions, the available answers using a device's speaker (headphones are recommended). 
 Reverse Contrast When this setting is turned on, all text is white on black background. <i>It can't be used with Background Color.</i>	 Background Color This setting changes the color of the background and text based on the selection made. <i>It can't be used with Reverse Contrast.</i>
 Initial Page Zoom This adjusts the default zoom level of the testing area. It can be adjusted during the test at any time.	 Read Aloud (Online) This indicates that the student will take the test online, but that all or part of the question and answers will be read aloud by the teacher. <i>This may not be used with any print variations or offline testing accommodations.</i>

- Requested removal of incorrect statement that offline accommodation will turn off the test.

Online Testing Accommodations Offline Testing Accommodations Classroom Accommodations

Tap or click any option below to enable or disable it for this student.

 Print Variations This option will disable all Online Testing for this student and opt the student into a paper and pencil or Braille form. <i>Selecting this option will NOT turn off any Online Testing Accommodations you have selected for this student in the subject. This will allow the student's test to be transcribed.</i>	 Read Aloud (Offline) This option indicate a teacher will be reading the paper and pencil test form aloud to the student. <i>Selecting this option will disable any Online Testing Accommodations for this student in this subject.</i> 
--	--

Admin: Remove Retester Feature

Secure | <https://ms-preview.nextera.questarai.com/Admin/Students/Manage/1849?returnPath=LC9BZG1pbi9TdHVkZW50cy9EZXRhaWxzLzE4NDk%3D> ☆

Spring 2018 3-8 | QAITESt (QA01) | QATestSchool (QA1) [Change](#) Elizabeth Christiansen [Sign Out](#)

Mississippi Statewide Assessments



HOME STUDENTS ▾ CLASSES TEST ADMINISTRATIONS ▾ ACCOUNTS ▾ DATA FILES ADMINISTRATION ▾ HELP ▾

Read Aloud (Offline)
DISABLED
[Modify](#)

Science

Class ▾

Accessibility and Accommodation Options

 Answer Masking Tool OFF	 Text-to-Speech ON	 Reverse Contrast OFF	 Background Color OFF
 Initial Page Zoom OFF	 Classroom Accommodations 0 Selected	 Read Aloud (Online) DISABLED	 Print Variations DISABLED
 Read Aloud (Offline) DISABLED			

[Modify](#)

This Student is Retaking this Test

[Save](#) [Cancel](#)

▾
—
Yes
No

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TDS Sampler

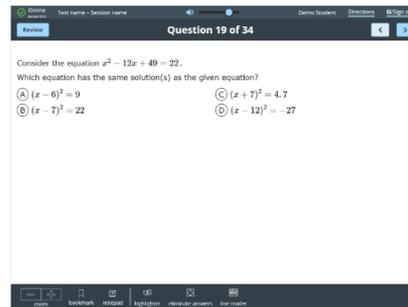
Sampler online: <https://ms.nextera.questarai.com/tds/#practice>

Mississippi Assessment Program

Item Sampler & Practice Test

The MDE and Questar are passionate about supporting students, families, teachers, and administrators through the testing process. Item samplers and practice tests are resources that can help a student prepare and become familiar with their tests before they have to take the official test. Item samplers and practice tests are not scored and responses are not maintained. Answers can be checked against the provided answer key PDF. Writing prompt responses may be reviewed before the assessment is submitted or the browser is closed. Once the submit or sign out button is clicked, we are unable to recover individual responses.

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



Select Test

Select Test

Select Subject

Select Grade

Select Test

Take it online

Start test

Print it out

Print Test

Answer Keys & Scoring Guides

[Open Answer Key](#)

[Open Written Scoring Guide](#)

TDS: Constructed Response Styles

Wing the Food

by

: hu

erd d

cam

oss t

ard,

rese

: a s

wh

Ame

: uni

n spread from the frozen ice sheets of North
) the tip of South America's Tierra del Fuego.

traverse all that way? Most scientists agree that
ice of nearly 10,000 miles! That's not so
at their migration took several thousand years. In
: known they were migrating. Perhaps they moved

Your writing will be scored based on the development of ideas, organization of writing, and language conventions of grammar, usage, and mechanics.

Jack
jumped
over
the

- candlestick

Characters: 29/10000

TDS: Additional TTS Option

Item Sampler x

Secure | <https://ms-preview.nextera.questarai.com/tds/#practice>

Apps New Tab ETS Home Sign in to Concur Welcome! - Confluent Welcome to JIRA - JI Home Questar - Testing UR Demo Environments Fall 2017 - Things to

Online Version 66.0 Grade 8 | ELA | Practice Session 1 Directions Sign out

Review Question 1 of 50

DIRECTIONS: Read the passage and then answer the questions that follow.

I Like the Bus

by Julie Beck

1 As a traveler, my competitive advantage is laziness. I truly do not mind sitting still in one spot for hours on end with nothing to do but read or listen to music. In fact those are three of my favorite things—music, reading, sitting. And I cherish when circumstances give me an excuse to spend my time that way, rather than worrying that I could be being more active, or productive. Because I am doing something productive—I’m going somewhere.

2 This sort of me-time can be achieved on many forms of transportation—planes, trains, and automobiles (ones I’m

In paragraph 2, what does the phrase “a beautiful potpourri of differences” indicate about the author’s point of view?

- (A) The author believes traveling is miserable.
- (B) The author believes everyone has different opinions.
- (C) The author believes bus and train travel.
- (D) The author believes her travel is correct.

Play All Play Directions Play Question Play Answers

zoom bookmark note highlighter answer eliminator line-reader

Type here to search 3:42 PM 5/25/2018

TDS: Color Accommodation (Blue)



Online Version 66.0 Grade 4 | Math | Practice Session 1 [Directions](#) [Sign out](#)

[Review](#) **Question 1 of 46** < >

Kennedy has 9 pencils. Reese has 7 times as many pencils as Kennedy. How many pencils does Reese have?

- (A) 45 pencils
- (B) 54 pencils
- (C) 63 pencils
- (D) 72 pencils

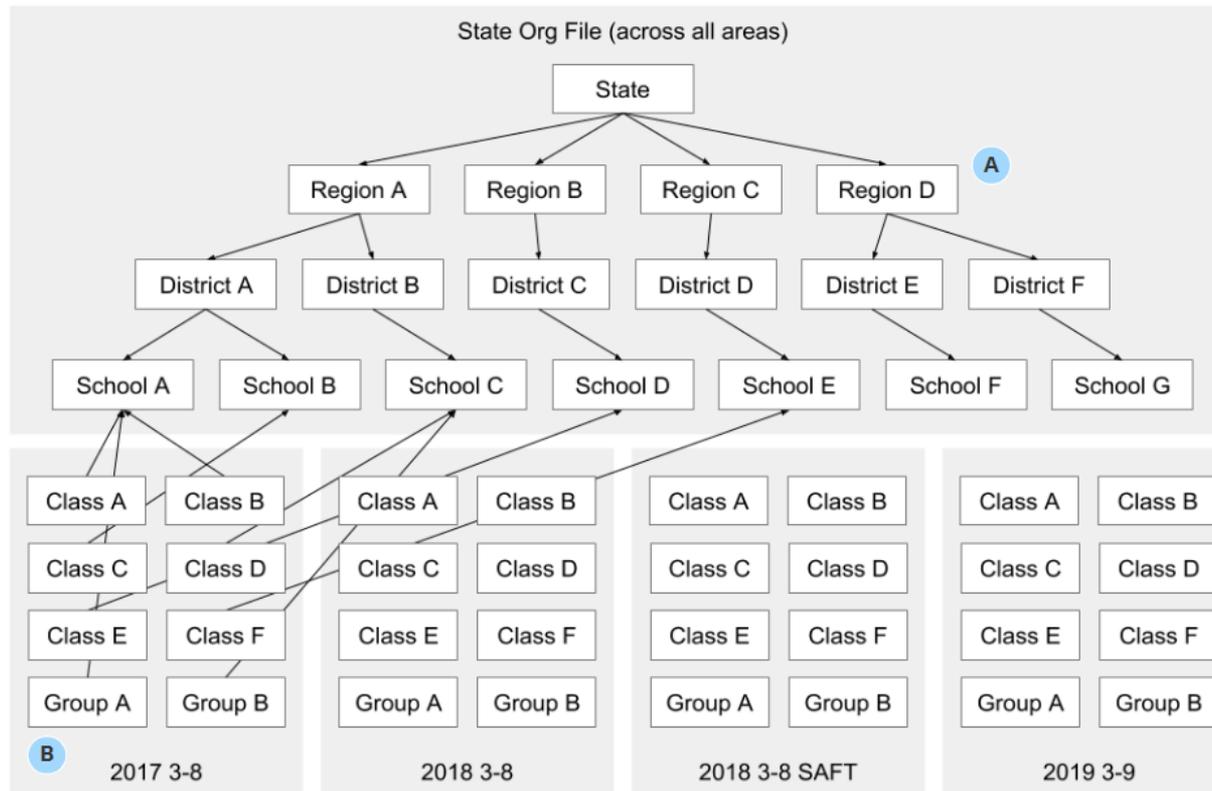
Coming Attractions: Nextera Admin

Nextera Admin Redesign

1. **Student Data Management:** Pre-id record with student class of record
2. **Testing Groups:** Ability to set testing groups (if different from class of record). Assumes default that class of record and testing group are the same unless otherwise given
3. **Updated Roles/Permissions:** Added multiple district/regional role and updated proctor roles for testing groups with additional access to student information
4. **Assigning and viewing accommodations:** Proctors will need to view and support
5. **Changing Settings/Navigation:** Multiple improvements to UI/navigation
6. **Reports:** Flow of reporting to go to class/teacher of record despite other linkages for testing.

Admin: New Hierarchy

Updated hierarchy

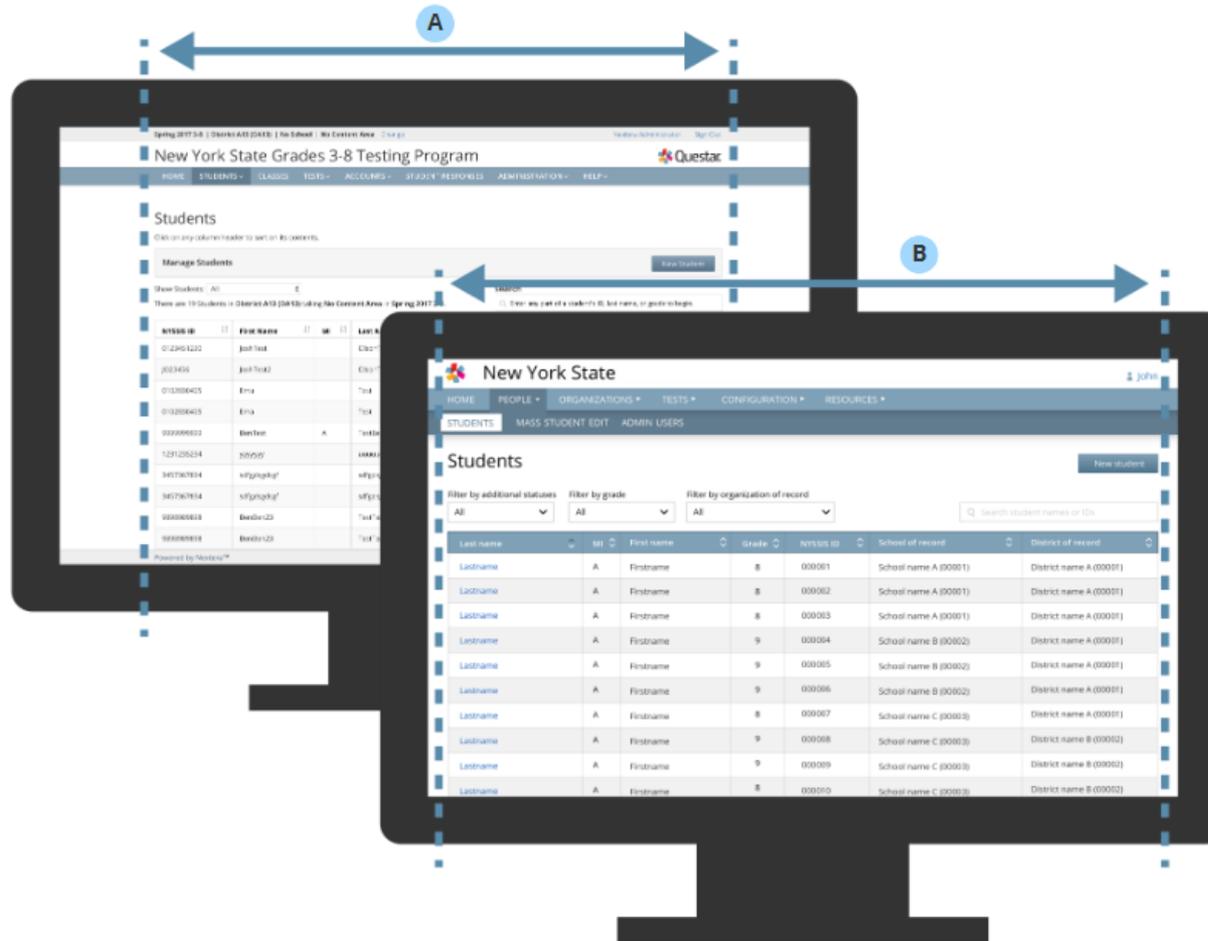


- A New: optional regional hierarchy**
A new optional level in the state org file will allow districts (and their corresponding schools) to be added into regional groups.

This will be paired with one or more new regional roles with corresponding permissions, allowing those users to access district and school information from a single account.

- B New: optional test group**
A new optional way to associate students with both classes and test groups (which makes it possible to have a student in a test group for testing, and a class for reporting purposes).

Admin: Greater use of Space



A Old layout - locked width
The current system locks the width at a maximum size of 1140px wide, which means users with wide monitors see a lot of wasted extra space at the edges.

B New layout - flexible width
The new system is responsive and is not locked to a fixed width, meaning that users with large monitors can use the most of their space. We are also implementing a smoother responsive interaction, meaning that it will look good and work well at all many different screen sizes.

Proposed Design

Before and After Examples

Fall 2017 EOC | No District | No School | No Subject [Change](#)

Nextera Administrator [Sign Out](#)

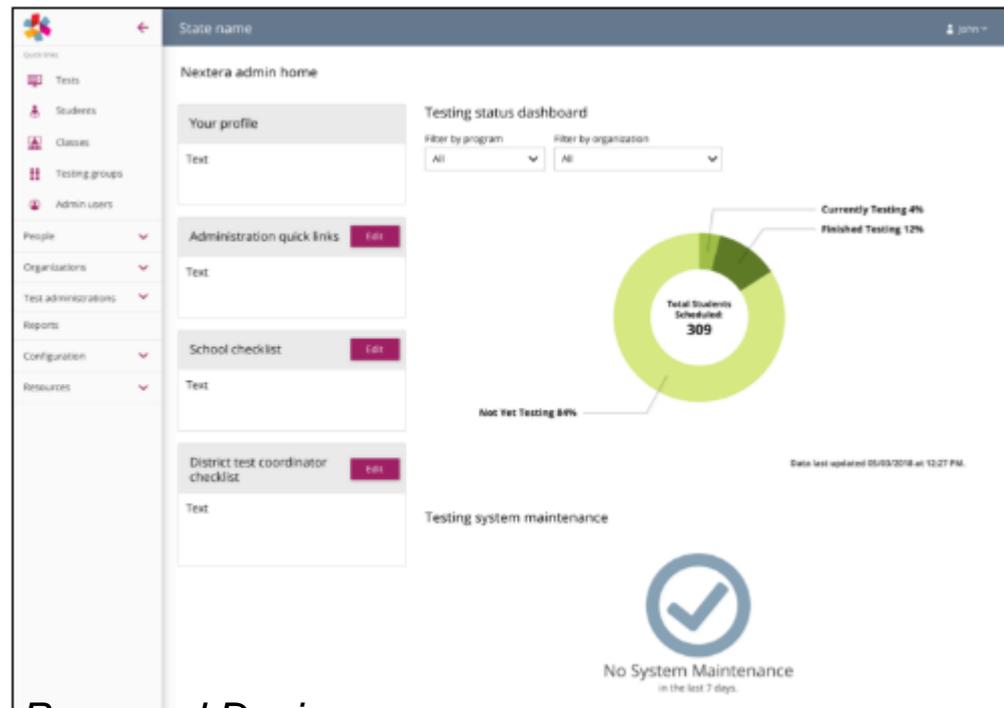
Mississippi Statewide Assessments



HOME STUDENTS ▾ CLASSES TEST ADMINISTRATIONS ▾ ACCOUNTS ▾ REPORTS ▾ ADMINISTRATION ▾ HELP ▾

Updated navigation

Left hand navigation in line with modern design and more touch friendly. Getting rid of top-level selector



Proposed Design

Organization Filter to Select View

Filter by organization

Search... 

All Selected (25) Unselected (0)

Unselect all [Expand all](#)

- Region 1 (0001) 
- Region 2 (0002) 
- Region 3 (0003) 
- Region 4 (0004) 
- Region 5 (0005) 
- Region 6 (0006) 
- Region 7 (0007) 
- Region 8 (0008) 

Filter by organization

Search... 

All Selected (1) Unselected (24)

Unselect all [Collapse all](#)

- Region 1 (0001) 
- Region 2 (0002) 
 - District 1 (D1) 
 - District 2 (D2) 
 - School 1 (S1)
 - School 1 (S1)
 - District 3 (D3) 
- Region 3 (0003) 
- Region 4 (0004) 

Proposed Design

Student Table Examples

State name John

Students New student

Filter by additional statuses: All | Filter by grade: All | Filter by program: All | Filter by organization of record: All clear all

Search student names or IDs

Last name	MI	First name	Grade	ID	School of record	District of record
Lastname	A	Firstname	8	000001	School name A (00001)	District name A (00001)
Lastname	A	Firstname	8	000002	School name A (00001)	District name A (00001)
Lastname	A	Firstname	8	000003	School name A (00001)	District name A (00001)
Lastname	A	Firstname	9	000004	School name B (00002)	District name A (00001)
Lastname	A	Firstname	9	000005	School name B (00002)	District name A (00001)
Lastname	A	Firstname	9	000006	School name B (00002)	District name A (00001)
Lastname	A	Firstname	8	000007	School name C (00003)	District name A (00001)
Lastname	A	Firstname	9	000008	School name C (00003)	District name B (00002)
Lastname	A	Firstname	9	000009	School name C (00003)	District name B (00002)
Lastname	A	Firstname	8	000010	School name C (00003)	District name B (00002)
Lastname	A	Firstname	8	000011	School name A (00001)	District name A (00001)
Lastname	A	Firstname	8	000012	School name A (00001)	District name A (00001)
Lastname	A	Firstname	8	000013	School name A (00001)	District name A (00001)
Lastname	A	Firstname	9	000014	School name B (00002)	District name A (00001)
Lastname	A	Firstname	9	000015	School name B (00002)	District name A (00001)
Lastname	A	Firstname	9	000016	School name B (00002)	District name A (00001)
Lastname	A	Firstname	8	000017	School name C (00003)	District name A (00001)
Lastname	A	Firstname	9	000018	School name C (00003)	District name B (00002)
Lastname	A	Firstname	9	000019	School name C (00003)	District name B (00002)
Lastname	A	Firstname	8	000020	School name C (00003)	District name B (00002)

View 20 | Viewing students 1-20 of 80

Proposed Design

Student Page Example

State name | john

Amelia M. Earhart New student

Student information

First name Amelia	Student ID 0102030405	Grade 8	School of record Lockheed Middle School (S123)
Mi M	Date of birth 1/1/2011	Gender Female	District of record District A13 (A13)
Last name Earhart			

Actions

- Edit
- Not tested code

> Additional demographic information

> LCI

> Default accessibility & accommodations

▼ Subject information

▼ 2018 Spring EOC > CAB > 2018 ALT > 17-18 EOC Practice

> English I Not testing

▼ English II In progress

Class: Class name A Test group: Testing group B Test name: English II EOC Set status Edit

Session	Status	Items completed	Time started	Time completed
Subpart 1	In progress	2	9/21/2017 3:20:57 PM	-
Subpart 2	Not started	-	-	-
Subpart 3	Not started	-	-	-

Accessibility

- TDS color contrast: Yellow text on navy blue
- Read aloud (online): OFF
- Text to speech: ON
- Read aloud (offline): OFF

Accommodations

- Answer masking tool: OFF
- Initial page zoom: OFF
- Classroom accommodations: 0 selected
- Print variations: OFF

> Algebra I Assigned

> Algebra II Unassigned

Proposed Design

Test Group Table Examples

State name

Test groups

Filter by grade: All | Filter by program: All | Filter by organization of record: All | Search group names: | clear all

Group name	Grade(s)	Program	School	District	Actions
Group name A	3, 4	Program A	School name A (90001)	District name A (90001)	
Group name B	8	Program A	School name A (90001)	District name A (90001)	
Group name C	8	Program B	School name A (90001)	District name A (90001)	
Group name D	9	Program C	School name B (90002)	District name A (90001)	
Group name E	10	Program A	School name B (90002)	District name A (90001)	
Group name F	9, 10	Program B	School name B (90002)	District name A (90001)	
Group name G	3, 4, 5	Program A	School name C (90003)	District name A (90001)	
Group name H	6	Program C	School name C (90003)	District name B (90002)	
Group name I	9	Program A	School name C (90003)	District name B (90002)	
Group name J	8	Program A	School name C (90003)	District name B (90002)	
Group name K	3, 4	Program D	School name A (90001)	District name A (90001)	
Group name L	8	Program D	School name A (90001)	District name A (90001)	
Group name M	8	Program C	School name A (90001)	District name A (90001)	
Group name N	9	Program B	School name B (90002)	District name A (90001)	
Group name O	10	Program A	School name B (90002)	District name A (90001)	
Group name P	9, 10	Program B	School name B (90002)	District name A (90001)	
Group name Q	3, 4, 5	Program A	School name C (90003)	District name A (90001)	
Group name R	6	Program C	School name C (90003)	District name B (90002)	
Group name S	9	Program C	School name C (90003)	District name B (90002)	
Group name T	8	Program B	School name C (90003)	District name B (90002)	

View 20 | Viewing groups 1-20 of 80 | 1 2 3 4 > 1

Proposed Design

Testing Status Views-District Level

State name John

Quick links

- Tests
- Students
- Classes
- Testing groups
- Admin users

People >

Organizations ▾

- Regions
- Districts**
- Schools
- Classes
- Testing groups

Test administrations >

Reports

Configuration >

Resources >

Help

District A13 (A13)

District information			Actions
District name District A13	Status Active	Mailing address 866 North Street Minneapolis, MN 55423	Edit
District number A13	Last modified 11/12/2017 at 8:20am (Nextera Administrator)	Shipping address 866 North Street Minneapolis, MN 55423	Make inactive
Region Region B (B001)	Created 11/12/2017 at 8:20am (Nextera Administrator)		Add school

> Schools in this District

Proposed Design

Testing Status Views-School Level

The screenshot shows a web interface for viewing testing status at the school level. On the left is a navigation sidebar with a 'Quick links' section containing: Tests, Students, Classes, Testing groups, and Admin users. Below this are sections for 'People', 'Organizations' (with a dropdown arrow), 'Regions', 'Districts', 'Schools' (highlighted), 'Classes', 'Testing groups', 'Test administrations', 'Reports', 'Configuration', and 'Resources'. At the bottom of the sidebar is a 'Help' link. The main content area has a header bar with a back arrow, 'State name', and a user profile 'John'. The main title is 'Memorial Middle School'. Below this is a 'School information' section with a table of details and an 'Actions' column with buttons for 'Edit', 'Make inactive', 'Add class', and 'Add test group'. Below the table are two expandable sections: 'Classes in this school' and 'Testing groups in this school'.

School information			Actions
School name Memorial Middle School	Status Active	Mailing address 123 East Street Minneapolis, MN 55423	Edit
School Number 1001	Last modified 11/12/2017 at 8:20am (Nextera Administrator)	Shipping address 789 West Street St. Paul, MN 55101	Make inactive
District District A13 (A13)	Created 11/12/2017 at 8:20am (Nextera Administrator)		Add class
			Add test group

> Classes in this school

> Testing groups in this school

Proposed Design

Testing Status-Testing Group Table

The screenshot displays a web application interface for managing testing groups. On the left is a navigation sidebar with categories like 'Tests', 'Students', 'Classes', 'Testing groups', 'Admin users', 'People', 'Organizations', 'Regions', 'Districts', 'Schools', 'Classes', 'Testing groups', 'Test administrators', 'Reports', 'Configuration', and 'Resources'. The main content area is titled 'State name' and shows details for 'Memorial Middle School (1001)'. Below the school information, there are sections for 'Classes in this school' and 'Testing groups in this school'. A filter section allows filtering by grade (set to 'All') and program (set to 'AI'). The main table lists 20 testing groups with columns for Group name, Number of students, Grade(s), Program, and Actions. At the bottom, there is a 'View 20' dropdown and a pagination control showing 'Viewing groups 1-20 of 80'.

School information

School name	Status	Mailing address
Memorial Middle School	Active	123 East Street Minneapolis, MN 55423
School Number	Last modified	Shipping address
1001	11/12/2017 at 8:20am (Nextera Administrator)	789 West Street St. Paul, MN 55101
District	Created	
District A13 (A13)	11/12/2017 at 8:20am (Nextera Administrator)	

Actions

- Edit
- Make inactive
- Add class
- Add test group

Testing groups in this school

Filter by grade: All | Filter by program: AI | Search group names: clear all

Group name	Number of students	Grade(s)	Program	Actions
Group name A	12	3, 4	Program A	[icon]
Group name B	12	8	Program A	[icon]
Group name C	24	8	Program B	[icon]
Group name D	18	9	Program C	[icon]
Group name E	10	10	Program A	[icon]
Group name F	10	9, 10	Program B	[icon]
Group name G	5	3, 4, 5	Program A	[icon]
Group name H	10	6	Program C	[icon]
Group name I	5	9	Program A	[icon]
Group name J	8	8	Program A	[icon]
Group name K	25	3, 4	Program D	[icon]
Group name L	34	8	Program D	[icon]
Group name M	18	8	Program C	[icon]
Group name N	19	9	Program B	[icon]
Group name O	10	10	Program A	[icon]
Group name P	12	9, 10	Program B	[icon]
Group name Q	14	3, 4, 5	Program A	[icon]
Group name R	10	6	Program C	[icon]
Group name S	12	9	Program C	[icon]
Group name T	12	8	Program B	[icon]

View 20 | Viewing groups 1-20 of 80 | < 1 2 3 4 > 1

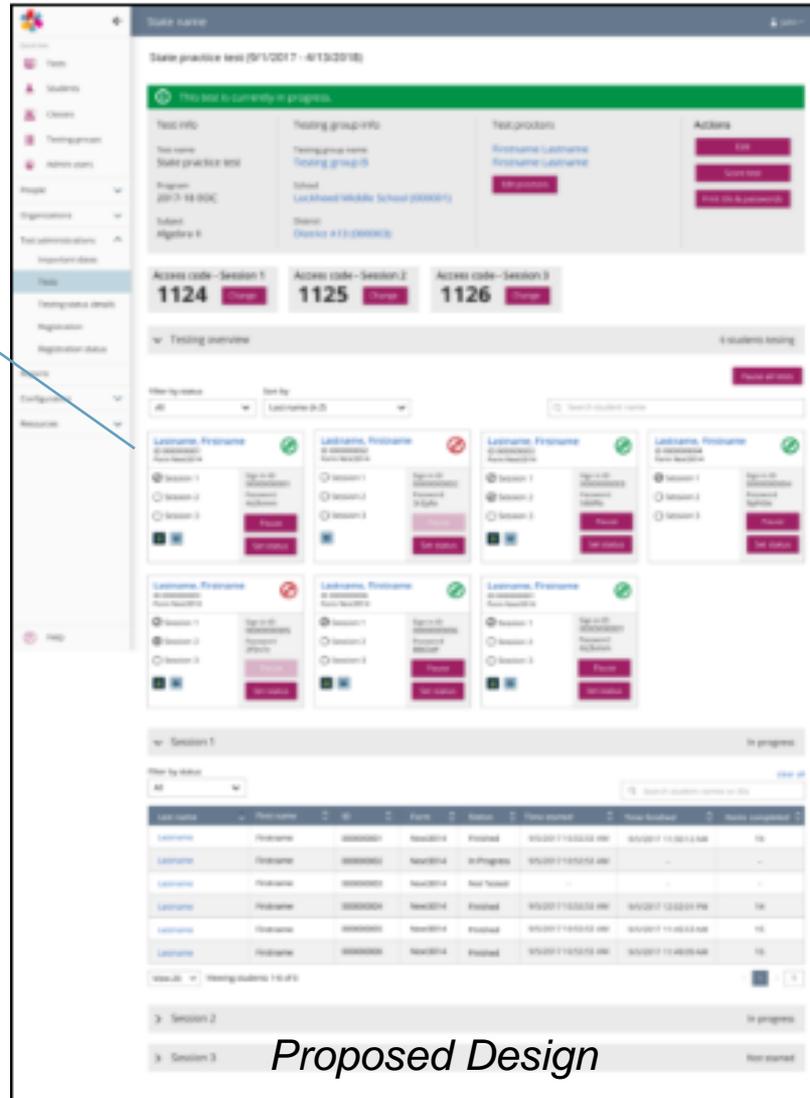
Proposed Design

Test Page Example-Individual/Proctor

Lastname, Firstname 
 ID 000000001
 Form Next3014

Session 1
 Session 2
 Session 3

Sign in ID
 000000001
 Password
 4s2kmm



The screenshot shows a web interface for a test. On the left is a sidebar with navigation options. The main area displays test details for 'State practice test (5/1/2017 - 6/1/2018)'. It includes a status bar indicating 'This test is currently in progress'. Below this are fields for Test info, Testing group info, and Test products. There are three access codes for sessions: 1124, 1125, and 1126. A 'Testing overview' section shows a grid of student progress cards, each with a status icon (green checkmark, red X, or grey circle). At the bottom, a table lists students with columns for Last name, First name, ID, Form, Status, Time started, Time finished, and Tests completed.

Proposed Design

This includes new iconography for the various states a user is in.

-  Connected
-  Disconnected
-  Not started
-  In progress
-  Finished
-  Not tested
-  Paused



Thank You