

# **New York State Testing Program**

## **2022 Elementary-Level (Grade 5) and Intermediate-Level (Grade 8) Science Field Tests**

**Teacher's Directions for  
Computer-Based Field Testing  
May 16 – June 3, 2022**

# THE UNIVERSITY OF THE STATE OF NEW YORK

## Regents of The University

LESTER W. YOUNG, JR., <i>Chancellor</i> , B.S., M.S., Ed.D. ....	Beechhurst
JOSEPHINE VICTORIA FINN, <i>Vice Chancellor</i> , B.A., J.D. ....	Monticello
ROGER TILLES, B.A., J.D. ....	Manhasset
CHRISTINE D. CEA, B.A., M.A., Ph.D. ....	Staten Island
WADE S. NORWOOD, B.A. ....	Rochester
KATHLEEN M. CASHIN, B.S., M.S., Ed.D. ....	Brooklyn
JAMES E. COTTRELL, B.S., M.D. ....	New York
JUDITH CHIN, M.S. in Ed. ....	Little Neck
BEVERLY L. OUDERKIRK, B.S. in Ed., M.S. in Ed. ....	Morristown
CATHERINE COLLINS, R.N., N.P., B.S., M.S. in Ed., Ed.D. ....	Buffalo
NAN EILEEN MEAD, B.A., M.A. ....	Manhattan
ELIZABETH S. HAKANSON, A.S., B.A., M.S., C.A.S. ....	Syracuse
LUIS O. REYES, B.A., M.A., Ph.D. ....	New York
SUSAN W. MITTLER, B.S., M.S. ....	Ithaca
FRANCES G. WILLS, B.A., M.A., M.Ed., C.A.S., Ph.D. ....	Ossining
RUTH B. TURNER, BSW, LCSW, M.Ed. ....	Rochester
ARAMINA VEGA FERRER, B.A., M.S. in Ed., Ph.D. ....	Bronx

### Commissioner of Education and President of the University

BETTY A. ROSA, B.A., M.S. in Ed., M.S. in Ed., M.Ed., Ed.D.

### Senior Deputy Commissioner, Office of Education Policy

JAMES N. BALDWIN

### Deputy Commissioner, P-12 Operational Support

JASON HARMON

### Director, Office of State Assessment

ZACHARY WARNER

The State Education Department does not discriminate on the basis of race, creed, color, national origin, religion, age, sex, military, marital status, familial status, domestic violence victim status, carrier status, disability, genetic predisposition, sexual orientation, and criminal record in its recruitment, educational programs, services, and activities. NYSED has adopted a web accessibility policy, and publications designed for distribution can be made available in an accessible format upon request. Inquiries regarding this policy of nondiscrimination should be directed to the Office of Human Resources Management, Room 528 EB, Education Building, Albany, New York 12234.

Copyright © 2022 by the New York State Education Department. Permission is hereby granted for school administrators and educators to reproduce these materials, located online on the NYSED website (<http://www.nysed.gov/>), in the quantities necessary for their schools' use, but not for sale, provided copyright notices are retained as they appear in these publications.

## Table of Contents

Introduction .....	5
<b>STEP ONE:</b>	
<b>Check Your Computer-Based Field Testing Materials .....</b>	<b>6</b>
Security .....	6
Unauthorized Materials .....	7
Aid to Students.....	7
Temporary Absence from Testing Room .....	8
Emergency Evacuation of a School Building .....	8
Student Cheating .....	8
Proctoring.....	8
<b>STEP TWO:</b>	
<b>Plan Your Computer-Based Field Testing Schedule .....</b>	<b>9</b>
Field Test Format and Schedule.....	9
Testing Accommodations for Students with IEPs and 504 Plans.....	9
Test Read .....	10
Use of Scribes.....	11
More Information on Testing Accommodations for Students with IEPs and 504 Plans .....	11
Testing Accommodations for English Language Learners .....	11
Computer-Based Field Testing Accommodations.....	12
Classroom Accommodations.....	15
General Features and Tools of the Nextera™ Test Delivery System.....	15
<b>STEP THREE:</b>	
<b>Prepare Your Computer-Based Field Testing Room .....</b>	<b>16</b>
<b>STEP FOUR:</b>	
<b>Prepare Your Students .....</b>	<b>17</b>
Practice Tests .....	17
Use Standardized Testing Procedures .....	17
<b>STEP FIVE:</b>	
<b>Prepare Computer-Based Field Testing Materials .....</b>	<b>18</b>
Scratch Paper .....	18
Use of Calculators .....	18
Student Login Tickets.....	18
Session Access Code .....	21
Proctor PIN .....	22
<b>STEP SIX:</b>	
<b>Administer the 2022 Elementary-Level (Grade 5) and Intermediate-Level (Grade 8) Science Computer-Based Field Tests.....</b>	<b>23</b>

## Appendices

<b>Appendix A: Suggestions for Creating a Secure Computer-Based Field Testing Environment</b> .....	A-1
<b>Appendix B: Pausing and Reactivating a Computer-Based Field Test in Nextera™ Test Delivery System</b> .....	A-2
<b>Appendix C: Sign in/Sign Out</b> .....	A-4
Overview .....	A-4
Forgot Your Password? .....	A-5
<b>Appendix D: General Features and Tools of the Nextera™ Test Delivery System</b> .....	A-9
General Features of the Nextera™ Test Delivery System .....	A-9
General Tools .....	A-11
<b>Appendix E: Troubleshooting</b> .....	A-15

**It is important to read all of Steps One through Six prior to administering the field test.**

**Field test content, student login tickets, Session Access Codes, and Proctor PINs must be kept secure. You are not to discuss the field test or photocopy the student login tickets, as the security of the field test could be breached. However, school personnel may make photocopies of this Teacher's Directions if additional copies are needed.**

# Introduction

The New York State Education Department (NYSED) has a partnership with Questar Assessment Inc. (Questar) for the online delivery of the 2022 Elementary-Level (Grade 5) and Intermediate-Level (Grade 8) Science Computer-Based Field Tests. Teachers from across the State work with NYSED in a variety of activities to ensure the validity and reliability of the New York State Testing Program (NYSTP).

The 2022 Elementary-Level (Grade 5) and Intermediate-Level (Grade 8) Science Computer-Based Field Tests can be administered to groups or classes of students in a single class period. The field test does not have to be administered on the same day to every student in the field-tested grade. Schools can elect to administer the field test on as many days as they choose, within the field test window.

For the Elementary-Level and Intermediate-Level Science Tests each field test consists of selected-response (1 credit) questions and short constructed-response (1 credit) questions.

Students enter their responses in the Nextera™ Test Delivery System. The short constructed-response questions require students to type (rather than select) appropriate responses in the Nextera™ Test Delivery System.

By following the guidelines in this document, you help ensure that the field tests are valid, reliable, and equitable for all students. A series of instructions helps you follow the steps necessary for administering the computer-based field tests within the field test window.

## IMPORTANT DATES

<b>Elementary-Level (Grade 5) and Intermediate-Level (Grade 8) Science Field Tests</b>	<b>May 16 – June 3, 2022</b>
--	----------------------------------

Teachers and administrators who engage in inappropriate conduct with respect to administering and scoring State assessments may be subject to disciplinary actions in accordance with Sections 3020 and 3020-a of Education Law or to action against their certification pursuant to Part 83 of the Regulations of the Commissioner of Education.

# **STEP ONE** Check Your Computer-Based Field Testing Materials

To administer these field tests, you will need the materials listed below. If any materials are missing, notify your school principal.

## **For the teacher**

- Teacher's Directions for Computer-Based Field Testing
- Student login tickets (See page 18 for step-by-step instructions on how to print student login tickets.)
- "Do Not Disturb" sign (not provided)
- Device with Internet access to monitor testing
- Session Access Code (See page 21 for instructions on where to find the Session Access Code.)
- Proctor PIN (provided by School Test Coordinator)

## **For each student**

- Student testing device prepared according to the Nextera™ Setup and Installation Guide.
- One sheet of lined ruled paper, such as loose-leaf paper, to use as scratch paper. In addition, the proctor should have on hand a further supply of scratch paper to provide to students who request additional sheets during the field test.

**Note:** Scratch paper is considered secure material and must be collected and securely destroyed after testing.

- No. 2 pencil with eraser (not provided)

## **Security**

The 2022 Elementary-Level (Grade 5) and Intermediate-Level (Grade 8) Science Computer-Based Field Test include secure materials. School personnel responsible for testing must ensure a secure environment at all times. No section of the field tests may be discussed with the students before, during, or after administration. You may, however, describe the format of the field tests and the testing schedule to the students.

At no time may the contents of the field test be reviewed, discussed, or shared (this includes through any electronic means).

## Unauthorized Materials

Students should be under close supervision at all times during the administration of the field tests and may not use any unauthorized notes, printed materials, tools, or personal electronic devices that might give them an unfair advantage on the tests. When students enter the testing room, proctors must ensure that students do not bring any unauthorized materials such as those listed above.

**All students are prohibited from bringing personal electronic devices, other than the device on which they are taking the field test, into a classroom or other location where a State test is being administered. Test proctors and school officials shall retain the right to collect and hold any prohibited electronic devices, other than the device on which they are taking the test, prior to the start of the test administration.**

Any student observed with any prohibited device while taking a State test must be directed to turn it over to the proctor or monitor immediately. To allow for all possible outcomes of procedural due process, the student should be allowed to complete the field test. The incident must be reported promptly to the school principal.

**Note:** Some students with disabilities may use certain recording/playback devices **only** if this accommodation is specifically required as a provision of the student's Individualized Education Program (IEP) or Section 504 Accommodation Plan (504 Plan). In addition, a student may be allowed to retain an otherwise prohibited device in their possession if there is documentation on file at the school from a medical practitioner that the student requires such a device during testing. Without this documentation, the general policy on communications devices as provided above is in effect, and the school may not allow the student to retain any such equipment while testing.

## Aid to Students

Teachers may give students assistance only in the mechanics of taking the field test, such as understanding access and navigation of the Nextera™ Test Delivery System, or that their responses must be entered into the Nextera™ Test Delivery System. No one, under any circumstances, may interpret or explain field test questions to students, nor may anyone review or comment to a student about the correctness or sufficiency of the student's response while the test is in progress. In response to inquiries by students concerning the meaning or interpretation of test questions, proctors should advise students to use their own best judgment.

## Temporary Absence from Testing Room

No student may be permitted to leave and then return to the testing room during the field test unless the student is accompanied by a proctor for the duration of their absence from the testing room. Information on “Pausing and Reactivating a Computer-Based Field Test in Nextera™ Test Delivery System,” should it be necessary, can be found in **Appendix B** of these directions.

## Emergency Evacuation of a School Building

Evacuation of a school building during a test may be required because of an emergency such as a fire alarm or bomb threat. In any situation in which the safety of the students is endangered, the principal has full authority to interrupt the field test immediately. If it is possible, the students should be kept under supervision during the emergency. Then, when work can be resumed safely, allow the students the necessary time to complete the field test.

## Student Cheating

Do not permit students to obtain information from or give information to other students in any way during the field tests. If you suspect that such an attempt has occurred, warn the students that any further attempts will result in the termination of their field test. If necessary, move the students to another location. If these steps fail to end attempts to obtain or give information, notify the principal immediately and terminate the students’ field tests. At the conclusion of the field test, all suspected cheating must be reported to the principal.

## Proctoring

Proctors must circulate periodically around the room during the administration of the field tests to ensure that students are working independently and recording their responses to field test questions in the proper manner and in the proper place. While circulating around the room, proctors should support students in the mechanics of taking the field tests and ensure a secure environment is maintained. Proctors should review the Review screen with the student to ensure the student has answered all of the questions before the student selects Submit test. Proctors may not comment to the student on the correctness or sufficiency of any answer. Proctors should not use their own personal communication devices during the field test, unless an emergency situation arises.

**Note:** The proctor need not be concerned if a student submits the field test without having first shown the Review screen to the proctor.



## **STEP TWO** Plan Your Computer-Based Field Testing Schedule

- The computer-based field test must be administered May 16–June 3, 2022.
- Schedule testing to allow sufficient time for instructions and preparations. Plan to read instructions to students at a moderate, steady pace. Students will need approximately 40 minutes to take the field test.
- Read the 2022 Elementary-Level and Intermediate-Level Science Teacher’s Directions for Computer- Based Field Testing in its entirety prior to administering the test.
- Review Step Six, “Administer the 2022 Elementary-Level (Grade 5) and Intermediate-Level (Grade 8) Computer-Based Field Test,” before administering the field test.
- Plan to have school technical support available during field testing, including contact information if staff is not available to be in the testing room.
- Avoid field testing just after students have had strenuous physical activity.

### **Field Test Format and Schedule**

The 2022 Elementary-Level (Grade 5) and Intermediate-Level (Grade 8) Computer-Based Field Tests will take approximately 40 minutes of testing time. The field tests contain selected-response questions and short constructed-response questions. Students select their responses to the selected-response questions and type and submit their answers to the short- response questions in the Nextera™ Test Delivery System. The field tests can be administered to groups or classes of students in a single class period.

Students who finish the field test before other students should check their work. When a student is ready, the field test must be submitted by the student in the Nextera™ Test Delivery System. After a student’s field test responses are submitted, that student may be permitted to read silently. This privilege is granted at the discretion of each school. No talking and no other schoolwork are permitted. Once all students complete and submit the field test, you may end the session.

### **Testing Accommodations for Students with IEPs and 504 Plans**

In general, students with disabilities must be provided with the testing accommodations specified in their Individualized Education Programs (IEPs) and Section 504 Accommodation Plans (504 Plans) when taking these field tests. In administering the 2022 Elementary-Level (Grade 5) and Intermediate-Level (Grade 8) Science Computer-Based Field Tests to students with disabilities, schools should follow the guidelines on testing accommodations provided in the School Administrator’s Manual for Computer-Based Field Testing available in the Test Manuals section of the Office of State Assessment website (<http://www.nysed.gov/state-assessment/grades-3-8-test-manuals>).

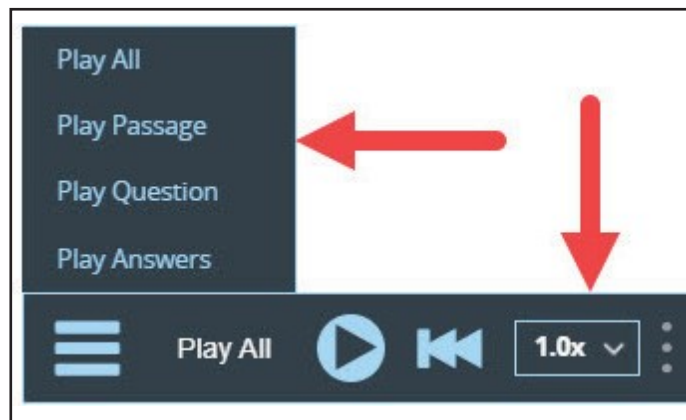
## Test Read

The field test may be read to students whose IEPs or 504 Plans include this accommodation. More detailed information about this accommodation can be found in the Office of Special Education's Testing Accommodations for Students with Disabilities Guidance Document (<http://www.p12.nysed.gov/specialed/publications/test-accommodations-guide-february-2018.html>). A human reader or the online text-to-speech accommodation may be used for these students testing on the computer.

**Read Aloud (by human):** For the 2022 Elementary-Level (Grade 5) and Intermediate-Level (Grade 8) Science Field Tests, the Read Aloud (by human) accommodation is available for students testing on computers. The Read Aloud (by human) accommodation indicates that all student directions, passages, questions, and multiple-choice answer choices will be read aloud by the teacher, except where otherwise indicated within the student's IEP or 504 Plan.

**Text-to-Speech (TTS):** For the 2022 Elementary-Level (Grade 5) and Intermediate-Level (Grade 8) Science Field Tests, the text-to-speech (TTS) accommodation is available for students. The TTS accommodation will read all student directions, passages, and questions. Students who have been identified as having the accommodation of TTS will see a toolbar when they have logged into the test. The following options are available to them:

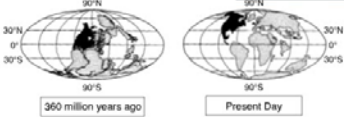
1. Play All
2. Play Passage
3. Play Question
4. Play Answers
5. Speed Option



Additionally, if a student wants to hear only a portion of the passage, question, or answer options, the student can place the cursor where they want the TTS to begin, right click, and select “Play From Here.”

400 million years ago planet Earth was much different than it is today. Seas covered much of New York State. The environment at the time formed rock layers that included fossils of many tropical marine organisms such as brachiopod shells, corals, crinoids (sea lilies) and a form of sea sponges. The Penn Dixie Fossil Park, in western New York, and Thatcher Park, located in eastern New York, both contain examples of this past ocean environment. The Penn Dixie Fossil Park has layers of shale that were deposited in deep water about 380 million years ago but are now exposed at Earth's surface. Thatcher Park consists of sedimentary rock layers such as limestone, sandstone and shale, that began forming about 410 million years ago as a result of deposition of sediments at a time of changing sea levels. This area was eventually uplifted, exposing these layers and the fossils they contain. The maps below show the inferred location of the continent North America, shaded in black, relative to other continents, 360 million years ago and present day.

Play From Here  
Play Passage



The image contains two maps of the world. The left map is labeled '360 million years ago' and shows a supercontinent with North America shaded in black. The right map is labeled 'Present Day' and shows the current continents, with North America shaded in black. Both maps include latitude and longitude lines (90°N, 30°N, 0°, 30°S, 90°S).

**Note:** Text-to-Speech (TTS) requires an Internet connection. TTS will be unavailable until the Internet connection is restored, the student with the TTS accommodation will be able to select play and TTS will load again.

## Use of Scribes

The use of scribes is an allowable accommodation for the 2022 Elementary-Level (Grade 5) and Intermediate-Level (Grade 8) Science Field Tests. More detailed information about the procedures to follow for the use of scribes may be found in the School Administrator's Manual for Computer-Based Field Testing.

## More Information on Testing Accommodations for Students with IEPs and 504 Plans

More detailed information on testing accommodations for students with disabilities can be found in the Office of Special Education's Testing Accommodations for Students with Disabilities Guidance Document (<http://www.p12.nysed.gov/specialed/publications/test-accommodations-guide-february-2018.html>).

## Testing Accommodations for English Language Learners

Information on accommodations for English Language Learners/Multilingual Learners (ELLs) can be found in the School Administrator's Manual for Computer-Based Field Testing.

## Computer-Based Field Testing Accommodations

The Nextera™ Test Delivery System includes the following computer-based testing accommodations:

- Answer Masking Tool
- Reverse Contrast
- Initial Page Zoom
- Text-to-Speech (online only)
- Background Color
- Read Aloud (by human)

### Select Accommodations







Student Name Test Student 1  
Content Area Science ▼

The student is currently testing; would you like to unlock the test? [Unlock](#)

Online Testing Accommodations

Classroom Accommodations

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


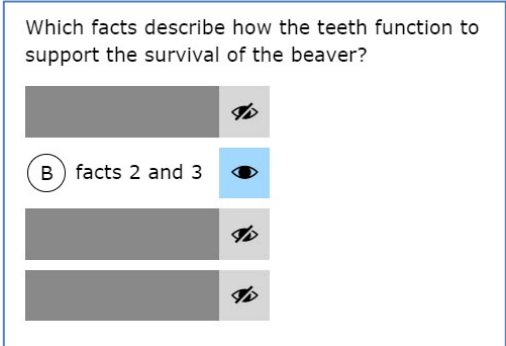

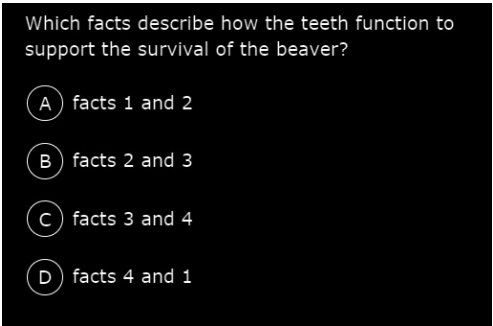

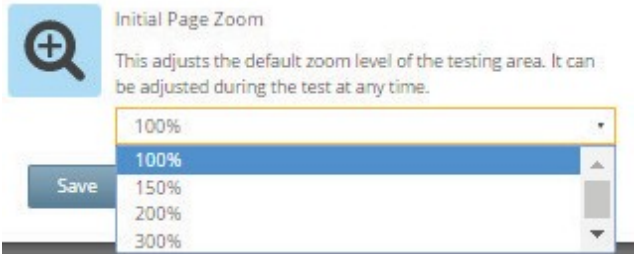
 <b>Answer Masking Tool</b> This tool hides answers that the students select, allowing the students to focus on just the answers they want. Clicking on answer choices reveals them to the students.	 <b>Text-to-Speech (online only)</b> This feature reads the question and, for certain types of questions, the available answers using a device's speaker (headphones are recommended).
 <b>Reverse Contrast</b> When this setting is turned on, all text is white on black background. <i>It can't be used with Background Color.</i>	 <b>Background Color</b> 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>
 <b>Initial Page Zoom</b> This adjusts the default zoom level of the testing area. It can be adjusted during the test at any time.	 <b>Read Aloud (by human)</b> 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>




Save

Cancel

Use of any of these accommodations must be consistent with the student's IEP or 504 Plan. These options need to be identified and coded in the Nextera™ Administration System (Nextera™ Admin) prior to testing.

Please work with your School Test Coordinator to verify the computer-based testing accommodations are selected for the applicable students in Nextera™ Admin before testing begins.

Accommodation	Description
<p><b>Answer Masking</b></p> 	<p>Answer Masking is an embedded accommodation that allows for the responses to be shaded so the responses do not distract the focus of the student from the question.</p>  <ul style="list-style-type: none"> <li>• To reveal a response option, the student clicks on the crossed-out eye icon next to that option.</li> <li>• To hide a response option, the student clicks on the eye icon next to that option.</li> </ul>
<p><b>Reverse Contrast</b></p> 	<p>Reverse Contrast is an embedded accommodation that changes the color of the text and the background for students that have an easier time reading white text on a black background.</p> 
<p><b>Initial Page Zoom</b></p> 	<p>Initial Page Zoom is an embedded accommodation that enlarges the text and images on the screen so the student can view or read the text more easily. Options available are 100%, 150%, 200%, and 300%.</p> 

Accommodation	Description
<p><b>Text-to-Speech (online only)</b></p> 	<p>Text-to-Speech (online only) is an embedded accommodation that reads all student directions, passages, questions, and the answer choices for multiple-choice questions through the device's speaker. Because of this, headsets are recommended when using this accommodation.</p> <div data-bbox="678 430 764 514" data-label="Image"> </div> <p>Text-to-Speech (online only) This feature reads the question and, for certain types of questions, the available answers using a device's speaker (headphones are recommended).</p> <p>When using this accommodation, ensure the volume on the student's device is on, unmuted, and adjusted prior to launching the secure browser.</p>
<p><b>Background Color</b></p> 	<p>The Background Color option is an embedded accommodation that allows the color of the background to be changed.</p> <div data-bbox="719 741 1196 1054" data-label="Image"> </div> <p>The following color options are available:</p> <ul style="list-style-type: none"> <li>• Black-on-pink</li> <li>• Black-on-blue</li> <li>• Black-on-green</li> <li>• Black-on-yellow</li> </ul>
<p><b>Read Aloud (by human)</b></p> 	<p>Read Aloud (by human) is a combination of an online- and human-delivered accommodation. A human reads the test, in its entirety, to the student from a paper test, and the student enters the responses on the computer, except where otherwise indicated within the student's IEP or 504 Plan.</p> <div data-bbox="678 1501 764 1585" data-label="Image"> </div> <p>Read Aloud (by human) 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></p>

## Classroom Accommodations

Accommodations provided to students outside of the Nextera™ Test Delivery System, such as flexibility in scheduling or flexibility in setting, must be consistent with the student's IEP or 504 Plan. These options need to be identified and coded in Nextera™ Admin before testing begins.

Please work with your School Test Coordinator to verify classroom accommodations are selected for the applicable students in Nextera™ Admin before field testing begins.

### Select Accommodations

**Student Name** Test Student 1

**Content Area** Science ▼

☐ Online Testing Accommodations ☒ Classroom Accommodations

Please select the testing accommodations that your student used outside of the testing platform.

- ELA and Math: Flexibility in Scheduling (IEP or 504 Plan)
- ELA and Math: Flexibility in setting (IEP or 504 Plan)
- ELA and Math: Method of presentation (excluding Braille/Large Print type) (IEP or 504 Plan)
- ELA and Math: Method of response (IEP or 504 Plan)
- ELA and Math: Use of spell-checking device/software (IEP or 504 Plan)
- ELA and Math: Other (IEP or 504 Plan)
- ELA and Math: Bilingual dictionaries and glossaries (ELL)
- ELA and Math: Separate location (ELL)
- Math and Science: Oral translation (ELL)

## General Features and Tools of the Nextera™ Test Delivery System

All students field testing on computer have access to general tools and features that are available through the Nextera™ Test Delivery System and can help to enhance their test-taking experience. Some features can help the student make adjustments to the test-taking environment, such as the zoom tool, which helps students to enlarge or minimize text. Other tools help to enhance their test-taking strategies, such as highlighters and answer eliminators. Please refer to **Appendix D: General Features and Tools of the Nextera™ Test Delivery System** for additional information on the testing tools available to students for computer-based testing.



## **STEP THREE** Prepare Your Computer-Based Field Testing Room

- Plan for the distribution and collection of materials.
- Provide a well-lit, well-ventilated, and quiet testing room.
- Each student will need their own device that has been configured for testing. Please work with your school administrator to verify the devices are ready for testing. The Nextera™ Setup and Installation Guide has detailed instructions for setting up devices for testing.
- Plan seating arrangements. Allow enough space between students to prevent sharing of answers. To help prevent communication between students during testing, make sure that each student is clearly visible to the proctor at all times. Students must not be permitted to speak to one another while the tests are being administered. For additional suggestions for arranging a secure testing environment for computer-based testing, see Appendix A.
- A seating chart is recommended in the event that the Internet fails, and a student needs to go back to a certain device to submit their test at a later time.
- Eliminate distractions such as bells or telephones.
- Completely cover—or remove from the walls—all charts and blank or completed graphic organizers and all board work pertinent to science. This includes any such materials that pertain to the New York State computer-based testing system tools.
- Place a “Do Not Disturb” sign on the door of the testing room.
- Make sure students’ workspaces are cleared of all unauthorized materials.
- For those students taking the Elementary-Level (Grade 5) and Intermediate-Level (Grade 8) Science Field Tests, students should be provided with hand-held calculators. Calculators will also be available for students in the Nextera™ Test Delivery System.



## **STEP FOUR** Prepare Your Students

- Help students approach the field test in a relaxed, positive way.
- Be sure students understand the directions and have had the opportunity to practice using the Practice Tests, which can be accessed through the Questar Secure Browser or on the web-based Question Sampler (<https://ny.nextera.questarai.com/tds/#practice>).
- Assist students with test-taking procedures but be careful not to inadvertently give hints or clues that indicate an answer or help eliminate answer choices. Do not assist students with any test questions.
- Encourage students to attempt all questions. Tell them to read each question carefully and make their best attempt at answering each one.

### **Practice Tests**

Prior to the field test window opening, all students taking the 2022 Elementary-Level (Grade 5) and Intermediate-Level (Grade 8) Science Field Test on the computer should have experienced taking practice tests in the Questar Secure Browser, or on the web-based Question Sampler (<https://ny.nextera.questarai.com/tds/#practice>), to familiarize themselves with testing in this format. There are four samplers per grade for the Grades 3-8 ELA and Math samplers provided for students to practice using the Questar computer-based test delivery system. It is recommended that schools participating in computer-based testing set up time to get students accustomed to taking the test on computer. Currently, NYSED and Questar are partnering to develop Science samplers for the field.

### **Use Standardized Testing Procedures**

This field test must be administered under standard conditions. Follow the directions carefully. The same field test administration procedures must be used with all students so that valid conclusions can be drawn from the field test results.

## STEP FIVE Prepare Computer-Based Field Testing Materials

### Scratch Paper

Schools that will be administering the 2022 Elementary-Level (Grade 5) and Intermediate-Level (Grade 8) Science Field Tests with Computer-Based Testing (CBT) should prepare to furnish scratch paper to their students for use when taking the field tests. At the start of the field test the proctor should hand out scratch paper to each student testing on computer. Each student should be given one sheet of lined paper, such as loose-leaf paper. In addition, the proctor should have on hand a further supply of scratch paper to provide to students who request additional sheets during the field test. Students testing on computer should also be advised that any work done on this scratch paper will not be counted. The scratch paper distributed to students testing on computer must be collected at the end of the field test whether used or unused, and securely destroyed.

### Use of Calculators

Students taking the Intermediate-Level Science Field Test must be provided with hand-held calculators. Calculators will also be available for students in the Nextera™ Test Delivery System for students taking the Elementary-Level and Intermediate-Level Science Tests.

### Student Login Tickets

Teachers will need student login tickets for each student to sign in with, a Session Access Code, and a Proctor PIN for students who may pause the field test. The information that follows provides step-by-step instructions on how to retrieve this information from the Nextera™ Admin.

For each student in your class, verify that you have the correct student login tickets. If you are printing the login tickets for your class, follow the steps below.

- To print the student login tickets, complete the following steps:

1. Sign in to Nextera™ Admin. For further details on the login process, refer to Appendix C for step-by-step instructions to sign in and sign out.
2. Select **Tests** from the **Tests** tab. The Tests page displays.



3. Select **View** for the applicable test.

New York State Grades 3-8 Testing Program Questar.

HOME STUDENTS CLASSES TESTS ACCOUNTS STUDENT RESPONSES HELP

### Tests

Testing Status for: Science, Spring 3-8 SAFT New Test

Filter By Testing Status: All Search

Enter all or part of a class, teacher's name, or grade.

Teacher	Class	Content Area	Test Name	Testing	View	Delete
Test Teacher	Sample Class	Science	Spring 3-8 SAFT	In Progress	<span style="background-color: #005596; color: white; padding: 2px 5px;">View</span>	

Show 10 entries

1

4. Select **Login Tickets**.

New York State Grades 3-8 Testing Program Questar.

HOME STUDENTS CLASSES TESTS ACCOUNTS STUDENT RESPONSES HELP

[Back to tests list](#)

### View Test

You're Viewing: Spring 3-8 SAFT

District: QAI PM District 1(763234154111)	School: QAI PM District 1(763234154111)
Testing Window: Spring 3-8 SAFT	Content Area: Science
Teacher: Test Teacher	Class: Science Class
Test Name: Science	
Testing Dates: 5/12/2020 to 5/20/2020	

**Test is in progress.** Students may sign in and take the test using their User ID's and the PIN shown below.

Examiner View

Login Tickets

Session 1 Access Code 9876 New Access Code Submit Cancel

5. Select the **applicable form**.

The dialog box has a title bar 'What would you like to print?' with a close button. Below the title bar, there is a label 'Print student authentication credentials:' followed by a dropdown menu. The dropdown menu is open, showing the following options: '--Select an Option--', '--Select an Option--', 'Avery 5160', 'Avery 5163', 'Student Roster', and 'Download CSV file'. A 'Cancel' button is located at the bottom right of the dialog box.

6. Select **OK**.

The dialog box is the same as in the previous screenshot, but the dropdown menu is now closed and 'Avery 5160' is selected. A red arrow points to the 'OK' button, which is highlighted with a red border. The 'Cancel' button is also visible.

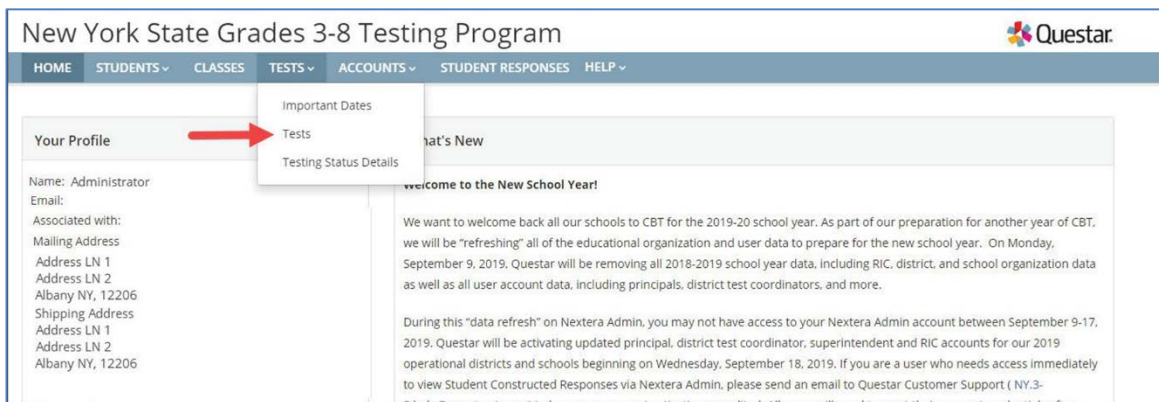
7. The student login tickets will display. Use the **Print function** to print the student login tickets. Each label includes a student's name, NYSSIS ID, password, and test name.

- All student login tickets or labels are secure testing materials and must also be stored in the safe or vault if they are printed prior to administration.

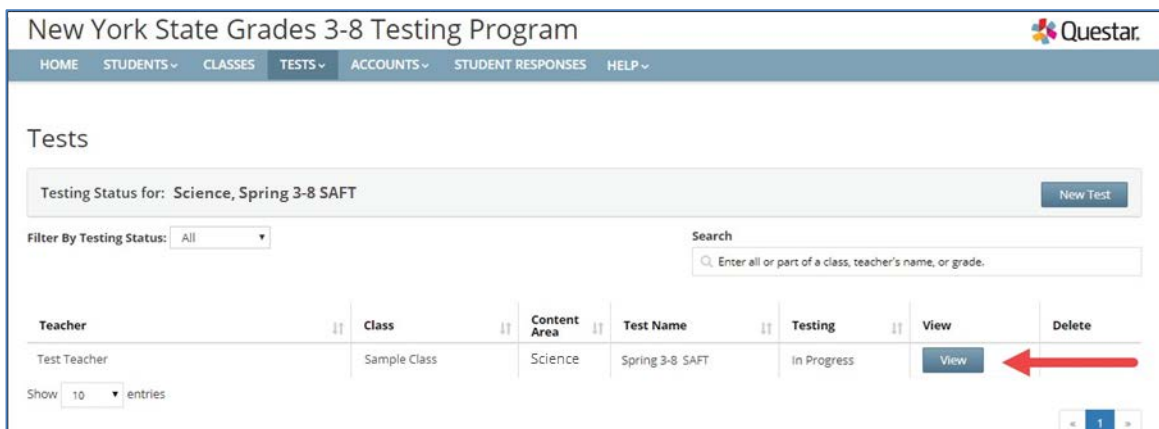
08None, FormTest NYSSIS ID: 0000000000 Password: 5912357630 2020 Spring 3-8 SAFT	08None, FormTest NYSSIS ID: 0000000000 Password: 1718107283 2020 Spring 3-8 SAFT	08None, FormTest NYSSIS ID: 0000000000 Password: 0947561211 2020 Spring 3-8 SAFT
08None, FormTest NYSSIS ID: 0000000000 Password: 3117985206 2020 Spring 3-8 SAFT	08None, FormTest NYSSIS ID: 0000000000 Password: 8514647374 2020 Spring 3-8 SAFT	08None, FormTest NYSSIS ID: 0000000000 Password: 8851288747 2020 Spring 3-8 SAFT

## Session Access Code

- You will need to provide students with a Session Access Code in order for the students to access their field tests in the Nextera™ Test Delivery System. Instructions for providing the Session Access Code to students is included in Step Six: Administer the 2022 Elementary-Level (Grade 5) and Intermediate-Level (Grade 8) Science Computer-Based Field Test of this manual.
  - To determine the Session Access Code, complete the following steps:
8. Sign in to Nextera™ Admin. For further details on the login process, refer to **Appendix C** for step-by-step instructions to sign in and sign out.
  9. Select **Tests** from the **Tests** tab. The Tests screen displays.



10. Select View for the applicable test.



11. The **Session Access Code** is the access code that will be provided to the students during the administration of the field tests.

The screenshot shows the 'New York State Grades 3-8 Testing Program' interface. At the top, there is a navigation bar with links: HOME, STUDENTS, CLASSES, TESTS, ACCOUNTS, STUDENT RESPONSES, and HELP. Below this, a 'View Test' section displays details for the 'Spring 3-8 SAFT' test. A table lists the following information: District (QAI PM District 1(763234154111)), School (QAI PM District 1(763234154111)), Testing Window (Spring 3-8 SAFT), Content Area (Science), Teacher (Test Teacher), Class (Science Class), Test Name (Science), and Testing Dates (5/12/2020 to 5/20/2020). A green banner indicates 'Test is in progress. Students may sign in and take the test using their User ID's and the PIN shown below.' Below the banner, there are buttons for 'Examiner View' and 'Login Tickets'. A red arrow points to the 'Session 1 Access Code' field, which contains the value '9876'. To the right of this field are input fields for 'New Access Code', 'Submit', and 'Cancel'.

## Proctor PIN

If a student pauses the test during administration, a Proctor PIN will be required to allow the student to re-enter the field test. The Proctor PIN will be provided by your school administrator before administering the field test. The Proctor PIN is secure.

The dialog box is titled 'Proctor PIN needed' and features a red padlock icon. The text inside reads: 'You need a Proctor PIN to start or continue this test.' Below this text is a text input field. At the bottom of the dialog box are two buttons: 'Cancel' and 'Continue'.

**Please Note:** Being mindful of the health and safety protocols established at schools in response to COVID-19, for the 2022 Computer-Based Science Field Test administration, schools have the option of having students enter the Proctor PIN themselves. If a school chooses this option, the Proctor PIN should be reset after each test session.

## **STEP SIX** Administer the 2022 Elementary-Level (Grade 5) and Intermediate-Level (Grade 8) Science Computer-Based Field Tests

*Please read these directions carefully before administering the field tests. When you administer the field tests, the directions you are to read aloud are preceded by **SAY**. Read all directions to the students at a moderate, steady pace. The italicized instructions to teachers should **not** be read aloud.*

*Before you begin the field tests, make sure you have the student login tickets for each student, scratch paper for each student, the Session Access Code, and the Proctor PIN.*

*At the beginning of the field test administration, proctors must read the following statement to all students taking State tests:*

**SAY** You cannot have any personal communications device, other than the device on which you are taking the test, including a cell phone, with you during this test or during any breaks, such as a restroom visit. Such devices include, but are not limited to:

- Cell phones
- iPods and MP3 players
- iPads, tablets, and other eReaders
- Laptops, notebooks, or any other personal computing devices
- Cameras, other photographic equipment, and scanning devices
- Wearable devices/smart wearables, including smart watches and health wearables with a display
- Headphones, headsets, or in-ear headphones such as earbuds, and
- Any other device capable of recording audio, photographic, or video content, or capable of viewing or playing back such content, or sending/receiving text, audio, or video messages

If you brought any of these items to the building today and have not already stored it in your locker or turned it over to me, a test monitor, or school official, you must give it to me now. You may not keep your cell phone or any of these items with you, or near you, including in your pockets, backpack, desk, etc. Is there anyone who needs to give me any of these items now?

**This is your last opportunity to do so before the test begins.**

*Repeat list of devices. Pick up devices from students and return them after testing.*



**SAY Today, you will be taking the 2022 (say either 2022 Elementary-Level or Intermediate-Level) Science Field Test.**

**For selected-response questions, you must select your answers in the online test. For short constructed-response questions, you must type your final answer in the answer box provided for each test question in the online test. Answer all questions on this test. You may not know the answers to some of the questions but do the best you can on each one.**

*Distribute one clean page of lined scratch paper to each student.*

**SAY You may use this scratch paper to help you solve the questions on the test. You must record your final answer for each test question in the online test. Anything that you write on the scratch paper will not counted. This scratch paper must be returned to me after you complete your test. If you need additional scratch paper while you are taking the test, please raise your hand.**

*Provide students with their secure student login tickets.*

**SAY On your computer screen, locate the pinwheel or the icon titled “Questar Secure Browser.”**

**Double-click this icon and the online test will launch.**

**Once the program has opened, you will see the “Sign In” page. Do not enter anything until you have been instructed to do so. Please raise your hand if you do not see the “Sign In” page.**


*Sample sign in page:*

New York Statewide Assessment  
Powered by Nextera™

NYSSIS ID  
NYSSIS ID

Password  
Password

Sign In

  
Questar®

中文 | English | Kreyol Ayisyen | 한국어 | Русский | Español |

© 2016 Questar Assessment  
Nextera is a registered trademark of Questar Assessment, Inc.  
Version 63.0

*Please note: If a student clicks on the eye icon, the password will be visible. This will help students enter their password correctly.*



**SAY** Look at the NYSSIS ID on your student login ticket. Type that NYSSIS ID in the field titled “NYSSIS ID.”

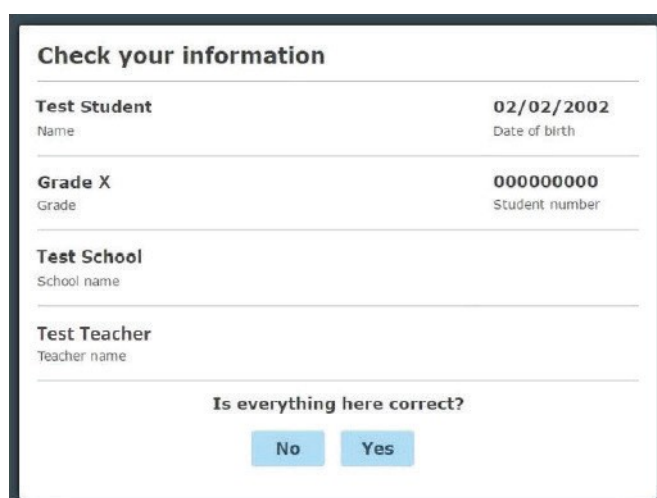
Now select the “Password” field. Type in your password. Your password is also on your student login ticket.

Does anyone have any questions or need help finding the information you need to enter?

*Pause for questions.*

**SAY** After you have entered your password, select “Sign In.”

*Sample verification page:*



The image shows a digital form titled "Check your information". It contains four sections for verification: "Test Student" with fields for Name and Date of birth (02/02/2002); "Grade X" with fields for Grade and Student number (000000000); "Test School" with a field for School name; and "Test Teacher" with a field for Teacher name. At the bottom, there is a question "Is everything here correct?" followed by two buttons: "No" and "Yes".

**SAY** Now you should see a screen with your name on it. If you do not see your own name, raise your hand. If your name is not spelled correctly, raise your hand.

Now look at the rest of the information on the screen. Make sure it is correct. Check your

- grade
- school’s name
- teacher’s name
- date of birth

If any of the information is not correct, please raise your hand. You do not need to verify your NYSSIS ID.

*If the student information is incorrect: check to be sure the student has the correct login ticket. If the date of birth or teacher's name is incorrect, or the student's name is misspelled, document the error and notify the School Test Coordinator after the field test has ended. The student should begin testing and the error can be corrected at a later time.*

*If the grade is incorrect, the student should not continue the login process. The student should click "No" and log out of the secure browser. Notify the School Test Coordinator or District Test Coordinator as soon as feasible to do so. The School Test Coordinator or District Test Coordinator will need to go in to Nextera™ Admin and correct the grade level for the student. The student will then get a new login ticket in order to begin testing. If the student sees the wrong grade on this screen, they will be presented with the wrong test.*

**SAY** If all of the information is correct, select "Yes" at the bottom of the screen.

**Do not start the test until I tell you to do so.**

*Sample Test Page:*

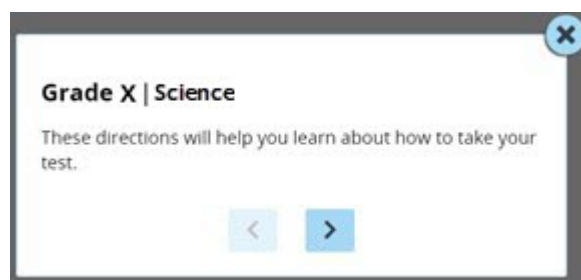
A screenshot of a web interface titled "Choose your test". Below the title is a horizontal line. Underneath the line, the text "Grade X | Science" is displayed on the left, and a blue button labeled "Start test" is on the right. Another horizontal line is at the bottom of the content area.

**SAY** Now we are going to begin the test. Select "Start test."

**You should now see the first page of the directions that will help you learn about how to take your test. Take a few minutes to review the directions and read about the tools you can use.**

*Make sure all students are on the correct screen. A pop-up window displays and details the test name and test session. Directions are customized for students receiving computer-based field testing accommodations.*

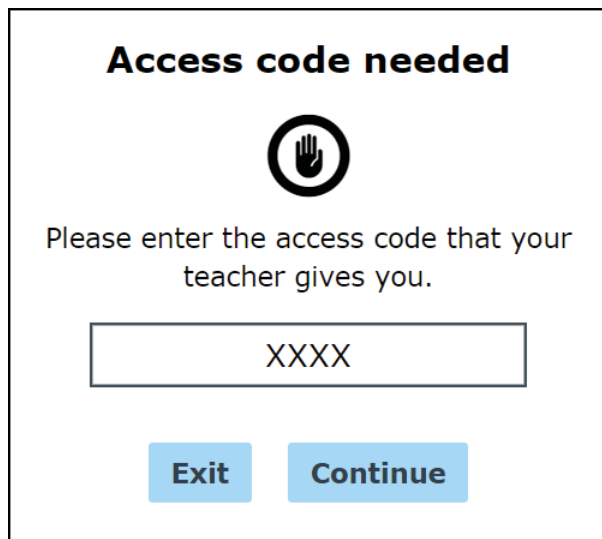
*Students select the right facing arrow to read through the directions, or select the X to exit the directions. Sample directions page:*

A screenshot of a pop-up window titled "Grade X | Science". Below the title, it says "These directions will help you learn about how to take your test." At the bottom, there are two blue buttons: a left-facing arrow "<" and a right-facing arrow ">". A blue "X" button is in the top right corner of the window.

*Pause for two minutes to allow the students to click through the directions.*

**SAY** Now select “End Directions.” You should now see a screen asking for the Session Access Code. I will provide you the session access code in a moment.

*Sample Access Code page:*

A screenshot of a computer screen with a black border. At the top, the text "Access code needed" is centered in bold. Below it is a black circular icon containing a white hand with the index finger pointing up. Under the icon, the text "Please enter the access code that your teacher gives you." is centered. Below this text is a rectangular input field containing the text "XXXX". At the bottom of the screen are two blue buttons with white text: "Exit" on the left and "Continue" on the right.

**SAY** Once you finish your test, you may check your work. To review your test before submitting it, select the “Review” button. It will help you to see if you have answered all the questions. You can go back to a question by clicking on the question number. Then select “Review” again to return to the Review screen. When you have reviewed your test and are ready to submit it, please raise your hand. Before you select the “Submit” button, I will check the Review screen with you to confirm that you have answered all of the test questions.

After we have checked the Review screen together and you are ready to submit your test, select “Submit test.” A message asking “Are you sure that you want to submit your test?” will appear. If you are ready, then select “Submit test.”

**Does anyone have questions before we begin?**

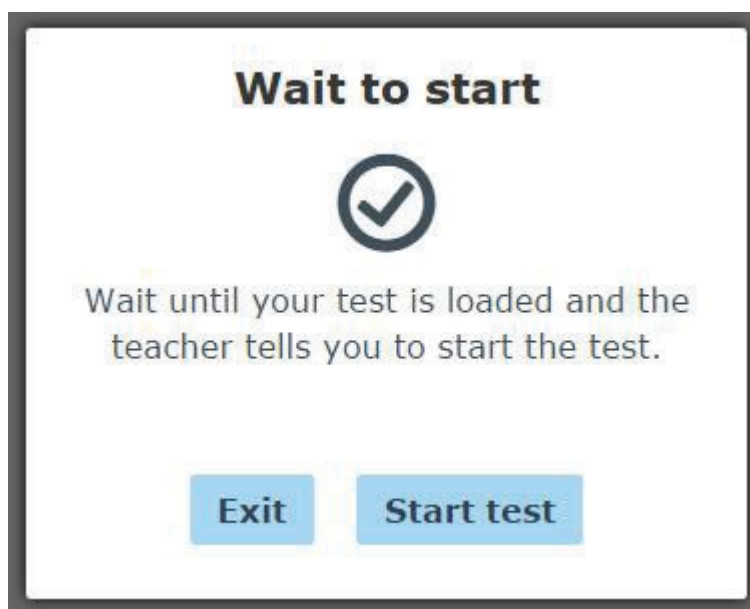
*Answer any questions the students may have.*

**SAY** Enter the session access code: [say the Session Access Code] and then select “Continue.”

You should now see a screen that says “Wait to start.” Are there any questions before we continue?

*Pause for questions.*

Sample screen:



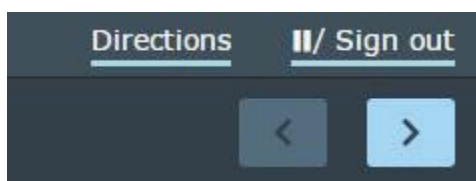
**SAY** Please select “Start test.”

**The next screen confirms you are taking the 2022 (say either 2022 Grade 5 or Grade 8) Science Field Test today. If your screen does not say 2022 (say either 2022 Grade 5 or Grade 8) Science Field Test please raise your hand.**



**SAY** Please find the right arrow in the top right corner and select it.

Sample screen:



**SAY** The possession or use of any communications device, other than the device on which you are taking the test, is strictly prohibited when taking this examination.

**Does anyone have any questions?**

*Pause for questions.*

### **Field Test**

#### **TIPS FOR TAKING THE TEST**

Here are some suggestions to help you do your best:

- Be sure to read all the directions carefully.
- Read each question carefully and think about the answer before making your choice or typing your response. Make sure you read all information provided for each question.
- You have been provided with an online calculator. It is up to you to decide when the calculator will be helpful. You should use the calculator whenever you think it will help you to answer the question.

**SAY** Please find the right arrow in the top right corner and select it.

*Pause to allow students to go to the next screen.*

**SAY** Here are some suggestions to help you do your best:

- Be sure to read all the directions carefully.
- Read each question carefully and think about the answer before making your choice or typing your response. Make sure you read all information provided for each question
- You have been provided with an online and hand-held calculator. It is up to you to decide when the calculator will be helpful. You should use the calculator whenever you think it will help you answer the question.

**Does anyone have any questions?**

*Pause for questions. When you are confident that all students understand the Tips for Taking the Test,*

**SAY** You must work independently, and you may not speak with each other while the test is being administered.

**Now, select the right arrow in the top right corner and begin your test.**

*Students should remain quietly at their workstations after they have submitted the field test. Students who finish the field test before other students should check their work before submitting it. Proctors should review the **Review screen** with the student to ensure the student has answered all of the questions before the student selects **Submit test**. Once the student checks their work, or chooses not to, field test materials may be collected by the proctor. The proctor may collect the student login tickets and scratch paper once a student submits the field test.*

*After a student's field test materials are collected, that student may be permitted to read silently. This privilege is granted at the discretion of each school. No talking and no other schoolwork is permitted. Once all students complete the field test, you may end the session.*

*If the field test is administered in a large-group setting, school administrators may prefer to allow students to submit their field tests as they finish and then leave the room. If so, take care that students leave the room as quietly as possible so as not to disturb the students who are still working on the field test.*

*Ensure all students return the scratch paper and student login tickets to you. These materials are considered secure materials and need to be destroyed. Follow security procedures established by your principal or school administrator for returning secure field test materials.*

# Appendices





# Appendix A: Suggestions for Creating a Secure Computer-Based Field Testing Environment

The following seating arrangements are suggestions for creating a secure test environment for students who are taking the computer-based field tests.

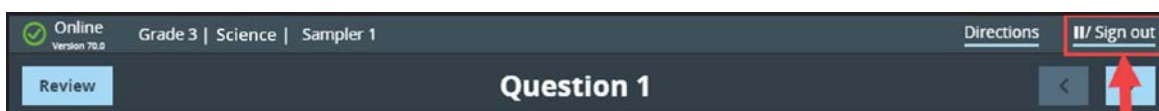
- Seat students in every other seat.
- Arrange monitors back-to-back.
- Seat students back-to-back.
- Seat students in a semicircle.
- Seat students in widely spaced rows or in every other row.

The following physical and visual barriers between testing devices can also be used as security measures for computer-based field testing.

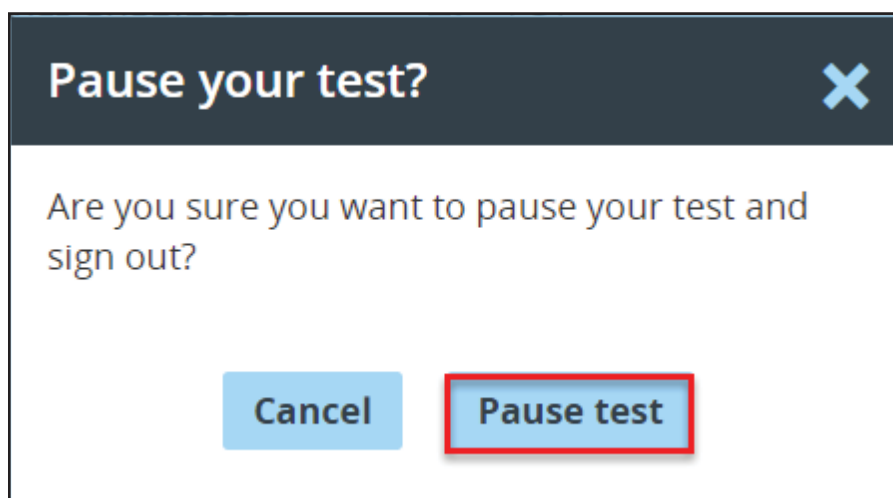
- Card stock (e.g., manila folders) that can be taped to the sides of monitors
- Flattened cardboard boxes that can be cut, folded, and taped to form a visual barrier between testing devices
- Cardboard carrels
- Privacy screens that narrow the viewing angle of a computer monitor so that it is visible only to someone sitting in front of it. Schools that have privacy screens available should affix them to monitors prior to the beginning of testing and ensure that students are seated so that they cannot view the monitor of the student seated in the row in front of them.

# Appendix B: Pausing and Reactivating a Computer-Based Field Test in Nextera™ Test Delivery System

A student may pause a test by selecting **II/Sign Out** in the upper-right corner of the student's screen in the Nextera™ Test Delivery System.




The student then selects **Pause test** to exit the field test and save current progress until the student can return to the test. If the student selects **Cancel**, the student will immediately return to the test without pausing the test.



Any test that is paused will require a **Proctor PIN** for the student(s) to log back into the test. Teachers will need to contact their school administrator to obtain the Proctor PIN prior to administering the test. For each instance in which a student pauses a test, the proctor is responsible for entering the Proctor PIN to reactivate the test. The Proctor PIN is **secure** and should not be shared with students.

**Proctor PIN needed**



You need a Proctor PIN to start or continue this test.

**Cancel** **Continue**

**Please Note:** Being mindful of the health and safety protocols established at schools in response to COVID-19, for the 2022 Computer-Based Science Field Test administration, schools have the option of having students enter the Proctor PIN themselves. If a school chooses this option, the Proctor PIN should be reset after each test session.

# Appendix C: Sign In/Sign Out

## Overview

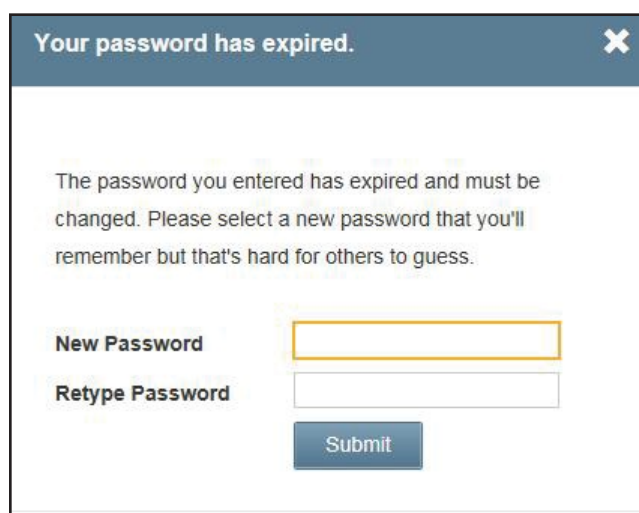
This section will guide you through the login process in Nextera™ Administration System (Nextera™ Admin).

## Sign In

If you have been provided with Nextera™ login tickets, you can enter the following website address in your browser address bar to access Nextera™ Admin (<https://ny.nextera.questarai.com/Admin/>). If you have not been provided with login tickets to Nextera™ Admin, you should contact your District Test Coordinator, School Test Coordinator, or your local Regional Information Center testing department.

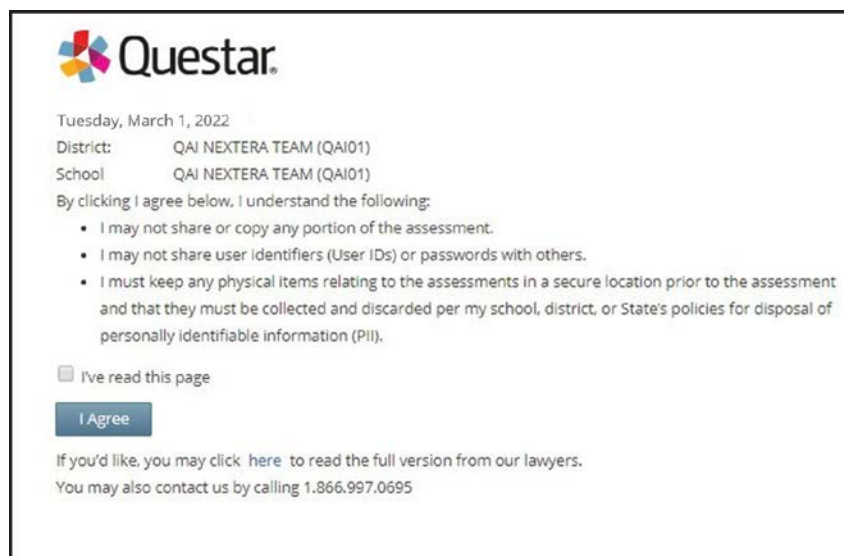
### Accessing Nextera™ Admin

1. Enter your **User ID** and **Password**, then select **Sign In**. If you need to reset your password, please find password reset instructions on page A-5. You can also contact your testing coordinator to have login tickets resent to you.
2. If you are signing in for the first time, you will be prompted to reset your password upon first login.
3. You will receive a message that your password has expired. This step allows you to create your own password. Enter a new password in the **New Password** and **Retype Password** fields and select **Submit**.



The screenshot shows a modal dialog box with a dark blue header bar containing the text "Your password has expired." and a close button (X). The main content area is white and contains the following text: "The password you entered has expired and must be changed. Please select a new password that you'll remember but that's hard for others to guess." Below this text are two input fields. The first field is labeled "New Password" and the second field is labeled "Retype Password". Both fields are empty and have a yellow border. Below the input fields is a blue button labeled "Submit".

4. For initial logins and for all password changes, you will be asked to acknowledge and agree to the Security Compliance statement. After reviewing the statement, select the **check box** for “I’ve read this page” and select **I Agree**.



The screenshot shows the Questar login interface. At the top is the Questar logo. Below it, the date is "Tuesday, March 1, 2022". The user is logged in as "District: QAI NEXTERA TEAM (QAI01)" and "School: QAI NEXTERA TEAM (QAI01)". A statement follows: "By clicking I agree below, I understand the following:" followed by three bullet points: "I may not share or copy any portion of the assessment.", "I may not share user identifiers (User IDs) or passwords with others.", and "I must keep any physical items relating to the assessments in a secure location prior to the assessment and that they must be collected and discarded per my school, district, or State's policies for disposal of personally identifiable information (PII).". Below the statement is a checkbox labeled "I've read this page" and a blue button labeled "I Agree". At the bottom, there is a link "here" to read the full version from lawyers and a phone number "1.866.997.0695".

## Sign Out

To **Sign Out** of Nextera™ Admin, select **Sign Out** from the upper right corner of the screen. You will be logged out of Nextera™ Admin immediately.



The screenshot shows the dashboard for the "New York State Grades 3-8 Testing Program". The top navigation bar includes links for "2022 Spring 3-8 SAFT", "QAI Training Test District (012345)", "QAI Training Elementary School (012345)", and "No Content Area". A "Sign Out" link is in the top right corner, indicated by a red arrow. Below the navigation bar is a "HOME" button and a "STUDENTS" dropdown menu. The main content area is divided into two columns. The left column, titled "Administration Quick Links", contains links for "CBT Support", "Question Sampler", "NYSED Office of State Assessment", and "NYSED CBT Website". The right column, titled "What's New", contains a "Statewide CBT Simulation Period: January 10 - 14, 2022" announcement, followed by a paragraph about the simulation and a link to "CBT Support".

## Forgot Your Password?

Upon initial login, you will be required to change your password. This step allows you to create your own password. Enter a new password in the **New Password** and **Retype Password** fields and select **Submit**.

If you have forgotten your password:

- Select **Forgot your password?**

## New York State Grades 3-8 Testing Program


Powered by Nextera™

User ID

Password

Sign In

[Forgot your password?](#)

  
**Questar**

© 2019 Questar Assessment.  
Nextera is a registered trademark of Questar Assessment, Inc.  
[Privacy and Terms](#)

- Enter your e-mail address and select Submit.

Reset a forgotten password

If you do not know or have forgotten your password to sign into Nextera, you can use this page to reset your password. You will need to enter the email address associated with your account below to begin. Please note, if you have multiple accounts associated with an email address, they all use the same password currently and this will reset the password for all of them.

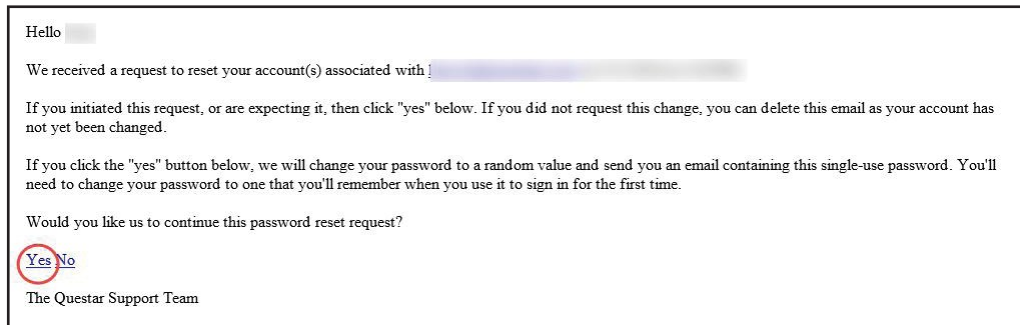
Email

Submit

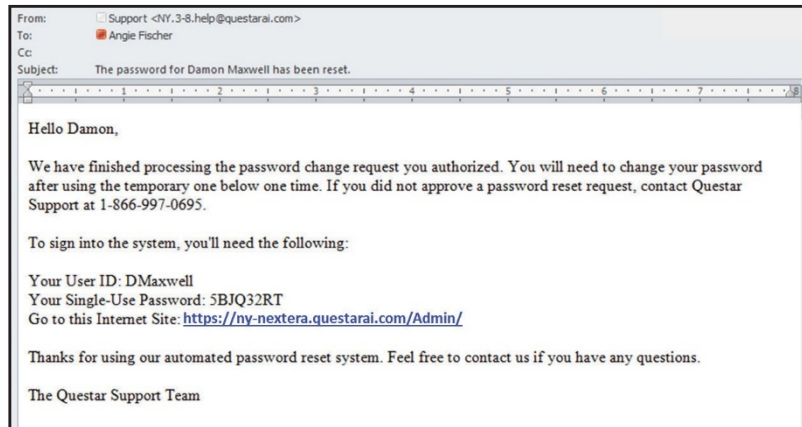
Cancel

When you click submit, you will receive an email asking you to confirm you want to reset your password. Please allow up to five minutes for this email to arrive, and follow the instructions in the email to complete your password reset.

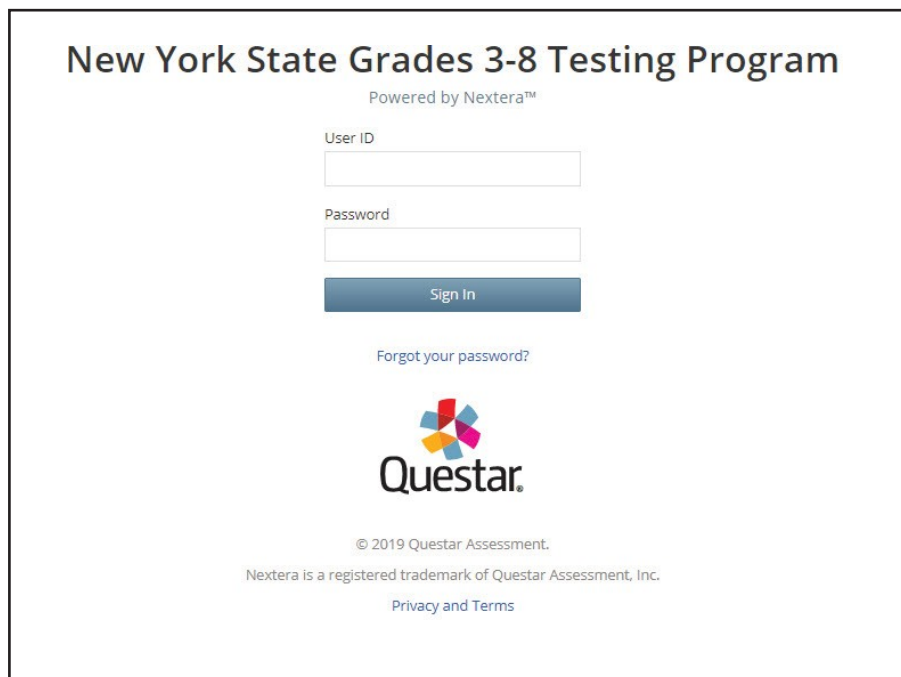
- You will receive an e-mail asking you to confirm you want to reset your password. Select **Yes** to continue the password reset process.



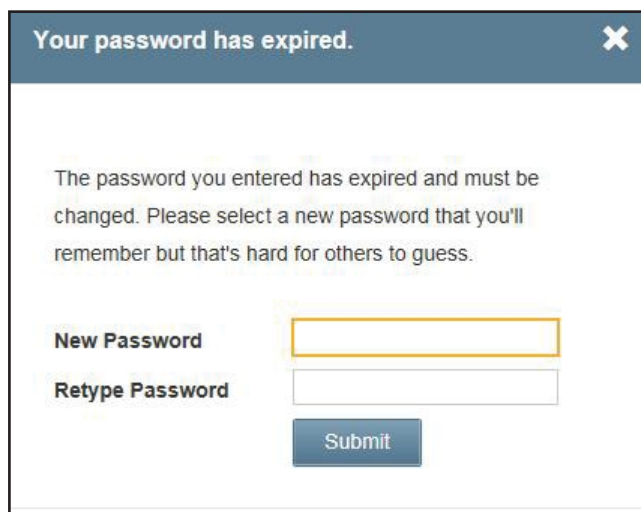
- You will receive another e-mail that provides you with a single-use **Password**. Select the **Go to this Internet Site** link.



- Enter your **User ID** and single-use **Password** and select **Sign In**.

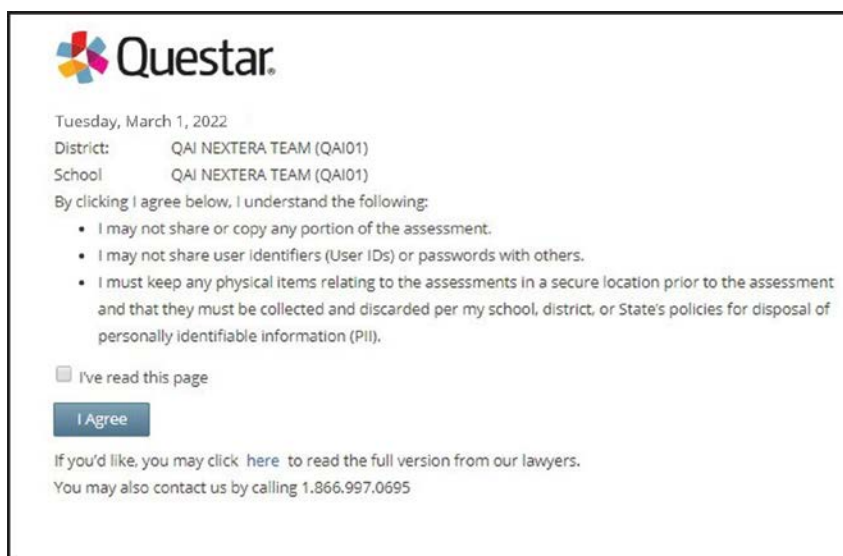


- You will receive a message that your password has expired. This step allows you to create your own password. Enter a new password in the **New Password** and **Retype Password** fields and select **Submit**.



A screenshot of a web-based dialog box titled "Your password has expired." with a close button (X) in the top right corner. The main text reads: "The password you entered has expired and must be changed. Please select a new password that you'll remember but that's hard for others to guess." Below this text are two input fields: "New Password" and "Retype Password". A blue "Submit" button is located below the "Retype Password" field.

For initial logins and for all password changes, you will be asked to acknowledge and agree to the Security Compliance statement. After reviewing the statement, select the **check box** for "I've read this page" and select **I Agree**.



A screenshot of a Questar Security Compliance statement. At the top is the Questar logo. Below it, the date "Tuesday, March 1, 2022" is shown. The "District" and "School" are both listed as "QAI NEXTERA TEAM (QAI01)". The text states: "By clicking I agree below, I understand the following:" followed by three bullet points: "I may not share or copy any portion of the assessment.", "I may not share user identifiers (User IDs) or passwords with others.", and "I must keep any physical items relating to the assessments in a secure location prior to the assessment and that they must be collected and discarded per my school, district, or State's policies for disposal of personally identifiable information (PII).". Below the bullet points is a checkbox labeled "I've read this page". A blue "I Agree" button is positioned below the checkbox. At the bottom, it says: "If you'd like, you may click [here](#) to read the full version from our lawyers. You may also contact us by calling 1.866.997.0695".



# Appendix D: General Features and Tools of the Nextera™ Test Delivery System

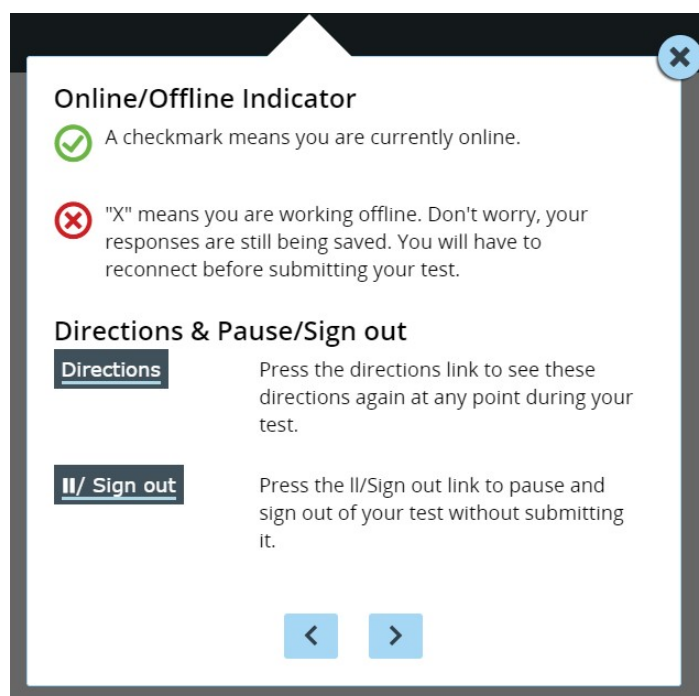
All students testing on computer have access to general features and tools that are available through the Nextera™ Test Delivery system. The following information provides an overview of the CBT tools and features available to students testing on computer. Students should have had opportunities prior to testing to practice using these features and tools.

## General Features of the Nextera™ Test Delivery System

All students field testing on computer have access to the general features provided through the Nextera™ Test Delivery System. The following is a list of the general features available to all students taking Elementary-Level (Grade 5) and Intermediate-Level (Grade 8) Science field tests on computer.

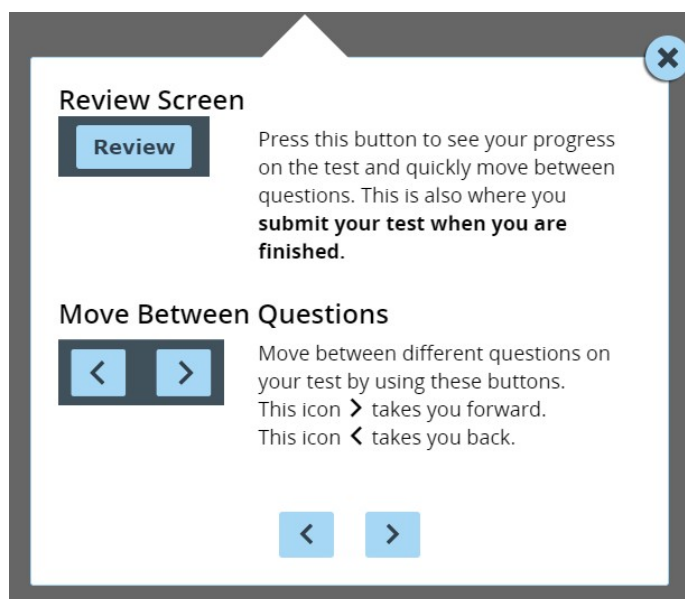
Online/Offline Indicator
Directions
Pause/Sign Out
Review Screen
Navigation Between Questions
Split Screen Controls

### Online/Offline Indicator, Directions, and Pause/Sign Out



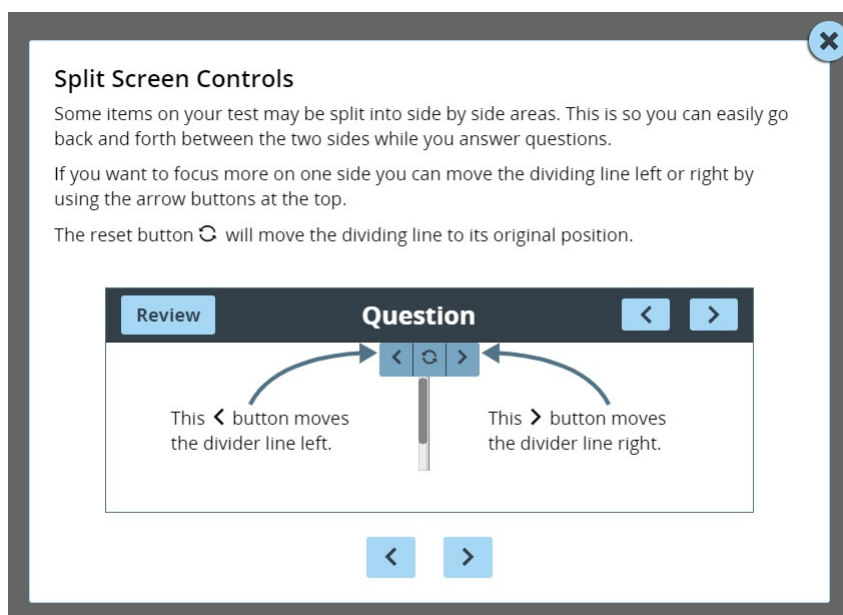
- The Online/Offline Indicator in the upper left corner of the screen indicates whether a student's device has or has not lost internet connectivity. Students should be informed to continue testing even if they lose internet connectivity as their responses will be saved to their local device. In an event where internet connectivity is not restored, please contact Questar Customer Support for assistance at 866-997-0695.
- The student can click on the Directions link in the upper right of the screen to see the directions again at any point during the test.
- The student can click on the Pause/Sign Out button in the upper right to pause and sign out of the test without submitting their answers. For additional information on pausing and reactivating a test, see Appendix B.

## Review Screen and Navigation Between Questions



- Students can use the Review button on the upper left of the screen to review their progress and quickly move among questions. The Review screen also provides the student with the ability to submit their responses when they have completed their test.
- The right and left arrows on the upper right of the screen are used to move between different questions on the test. The right facing arrow advances the student forward. The left facing arrow takes the student to the previous question.

## Split Screen Controls



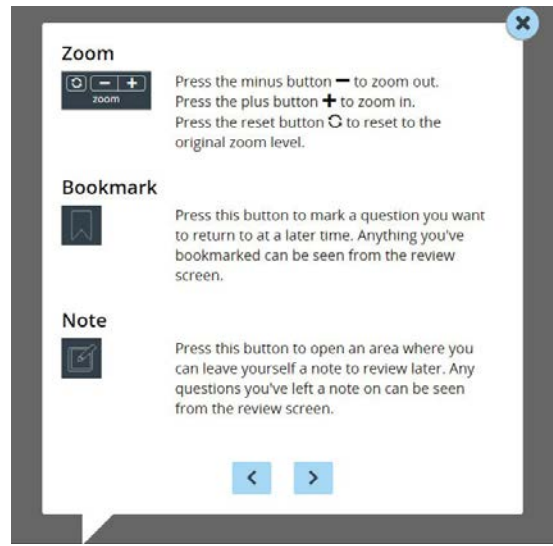
- Some items on the Science Field Tests may be split into side by side areas. If a student would like to expand either side of the screen, they can move the dividing line at the top of the page by clicking the left or right arrow buttons. If a student would like to reset their page to its original position, they can click the reset button at the top of the page.

## General Tools

All students field testing on computer have access to the general tools provided through the Nextera™ Test Delivery System. The following is a list of the general tools available to all students taking the 2022 Elementary-Level (Grade 5) and Intermediate-Level (Grade 8) Field Tests on computer.

Zoom
Bookmark
Note (Notepad)

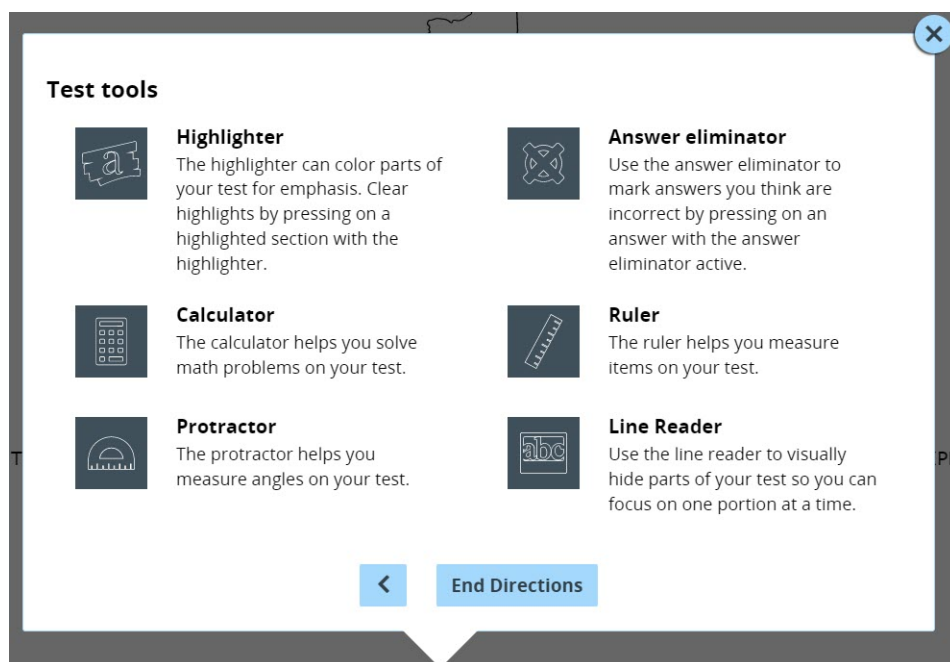
## Zoom, Bookmark, and Note (Notepad)



These general computer-based testing tools can be used any time during the field test.

- **Zoom**—Students can increase and decrease font size. Clicking on the minus button makes the screen smaller. Clicking the plus button makes it larger. Note that if students click the reset button within the zoom tool, the text will return to the original setting.
- **Bookmark**—Students can press the bookmark in the tool tray to flag questions they want to return to at a later time. Bookmarked questions appear on the Review screen with flags on them.
- **Note (Notepad)**—Students can use the Notepad to plan their responses. Please ensure that your students understand that text they type in the notepad tool will not be scored. Once the test is submitted, notepad text is not saved.

## Highlighter, Answer Eliminator, Calculator, Ruler, Protractor, and Line Reader



The following tools can help students to highlight or focus on certain text or eliminate multiple-choice answers. When using any of the following tools, a student must deactivate the currently active tool before using another.

- **Highlighter**—Students can use the highlighter tool to identify part of the test for emphasis. To clear highlighted text, click on the highlighted text a second time while the tool is active.
- **Answer Eliminator**—Students can eliminate multiple-choice answers they think are incorrect by clicking the answer eliminator on the tool tray. When this tool is on, a student can click on the answers they want to be crossed out. Note that the answer eliminator is only available for multiple-choice questions.
- **Calculator**—Students can use either the hand-held calculator provided by the school or the calculator available within the Nextera™ Test Delivery System to help students answer questions on the test. A four function calculator should be provided to students taking the Elementary-level (Grade 5) Science Field Test and a scientific calculator should be provided to students taking the Intermediate-level (Grade 8) Science Field Test. Note that graphing calculators are **NOT** permitted.
- **Ruler and Protractor**—A ruler and protractor are provided within the test delivery system for any items that require measurement. It is up to the student to determine when an item requires use of a protractor or ruler. Students can access both the ruler and protractor by clicking on the ruler or protractor button on the tool tray.

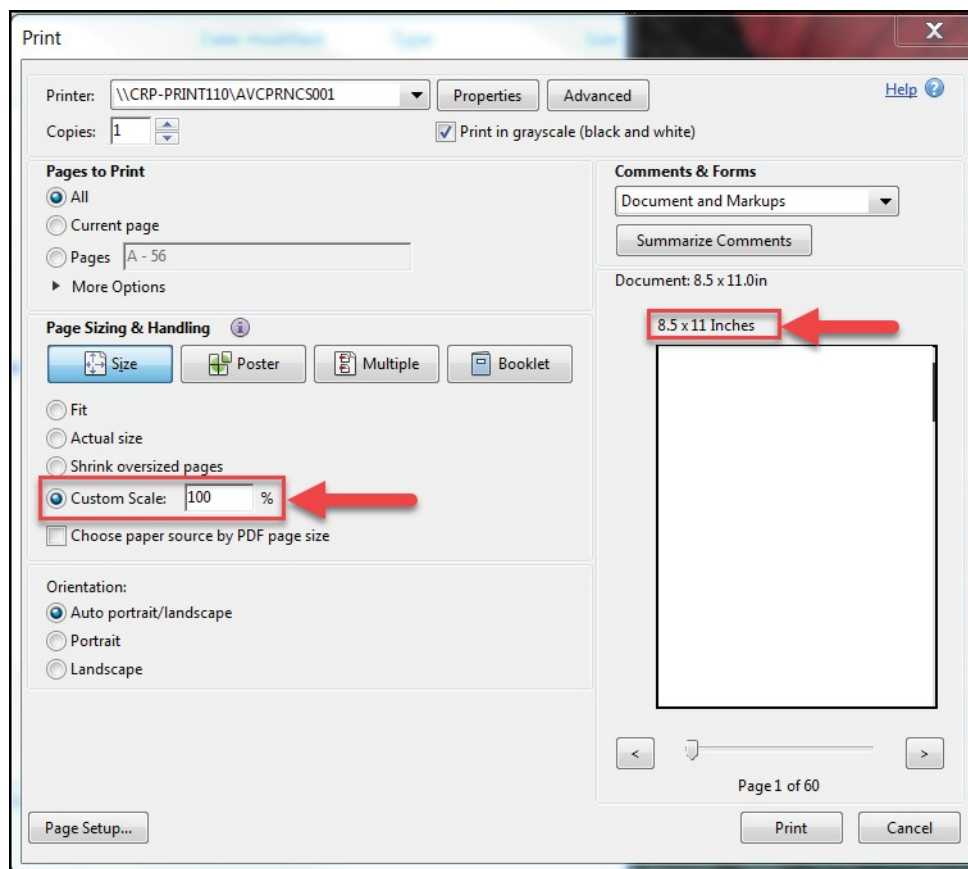
- **Line Reader**—Students can use the line reader to block certain parts of the text so a student can focus on one portion at a time by clicking on the line reader tool in the tool tray. Students can use the window to focus on the text they want to see and the opaque portion around the window to block out what they don't want to see. Both the window and opaque portions can be resized.

# Appendix E: Troubleshooting

## Printing Student Login Tickets

If you are attempting to print student login tickets on label stock and the student login tickets are not aligning properly with the labels, try the following steps:

1. Save the .pdf file
2. Find the .pdf on your local drive and open it
3. File > print
4. Click “Custom Scale: 100%”
5. Be sure paper size says 8.5 x 11
6. Click Print



## Issues During Field Testing

- If the screen freezes, sign in takes longer than one minute, or test load takes longer than one minute, try exiting the test and signing back in. A reboot may be necessary.
- If the device is permanently incapacitated, or if network connectivity is lost for an extended period of time, please contact the School Test Coordinator. The School Test Coordinator can contact Questar Customer Support, if needed.
- Chromebooks—If a student clicks on the Exit button at the lower left portion of the screen, they will exit the test and the secure browser. The student will need to sign in again and continue testing.
- Lost Internet connectivity—If network connectivity is lost during the test, the student should continue to test. DO NOT move the student to another device. The device will continue trying to reconnect indefinitely to upload the test responses.

**Note:** Text-to-Speech (TTS) requires an Internet connection. TTS will be unavailable until the Internet connection is restored, after which the student with the TTS accommodation will be able to select play and TTS will load again.

- If attempts to reestablish Internet connectivity are unsuccessful, follow the applicable steps from the table below:

Windows, Mac, iPad	Chromebook
<ol style="list-style-type: none"><li>1. Turn off the device*</li><li>2. Restart the device</li><li>3. The student should login and continue testing or submit the test</li></ol> <p>*for Mac: power down by pressing the power button for 5 seconds</p>	<ol style="list-style-type: none"><li>1. Exit using the button at the lower left</li><li>2. The student should login and continue testing or submit the test</li></ol>

- Please note that the student must return to the same device that they began testing on. These steps may reset the Internet connection or would allow for an administrator to manually repair an Internet connection.





Field test content, student login tickets, Session Access Codes, and Proctor PINs must be kept secure. You are not to discuss the field test or photocopy the student login tickets, as the security of the field test could be breached. However, school personnel may make photocopies of this manual if additional copies are needed.



# **Teacher's Directions for Computer-Based Field Testing May 16 – June 3, 2022**