

ONLINE

# North Carolina End-of-Grade Test **ADMINISTRATION GUIDE**

---

2025–26



**Reading Grades 3–8**  
**Mathematics Grades 3–8**  
**Science Grades 5 and 8**

This version of the North Carolina End-of-Grade Test Administration Guide has been provided to non-public school test coordinators with key points and specific content highlighted. This guidance does not replace a thorough review and understanding of the entire publication and the test publisher's training and test protocol documents for each respective test, prior to the test administration date.

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## General Information

### Overview

The North Carolina end-of-grade (EOG) tests are standards-based achievement tests in the areas of reading and mathematics at grades 3–8 and science at grades 5 and 8.

The reading, mathematics, and science tests are aligned to the North Carolina Standard Course of Study (NCSCOS).

### Testing Format

All standard administrations of the EOG tests must be completed online in NCTest. A paper format is available for students with a documented accessibility need. Information about paper testing can be found in the *North Carolina End-of-Grade Paper Test Administration Guide* found in the Testing News Network.

### Administration Information

The following chart includes test administration information. No test administration may exceed maximum time (except for students with a documented accommodation, such as *Scheduled Extended Time*). The administration time does not include time for general instructions and breaks. The tests must be administered on one school day (except for students with a documented accommodation, such as *Multiple Testing Sessions*).

Test Information		Time (minutes)
Reading	Grades 3–8	120 (180 maximum)
	2 Three-Minute Breaks	6
	General Instructions	12
	<b>Total</b>	138
Mathematics	Grades 3–8	120 (180 maximum)
	2 Three-Minute Breaks	6
	General Instructions	12
	<b>Total</b>	138
Science	Grades 5 and 8	120 (180 maximum)
	2 Three-Minute Breaks	6
	General Instructions	12
	<b>Total</b>	138

## Before Test Day

### Prepare Students for Testing

Test administrators are expected to review the following information before administering an EOG test. Though many of these processes and procedures ensure a standardized testing experience for all students, it is also important to note such efforts should not create a stressful testing environment.

The following suggestions are meant to help students feel comfortable with the test and the testing process.

- Share with students that they have been learning the content of the tests all year.
- Review test-taking strategies that have been used throughout the school year.
- Complete the [Online Assessment Tutorial](#) (required at least once a year before the test administration).
- Review the [appropriate released test form](#) for the associated test with students.
- Affirm with students that this is just one test score in their academic journey, and not the only measure of their skills and abilities. Educators should also remind students of their many other successes during the school year.

### Review Testing Security

To ensure a secure and ethical testing experience for all students, test administrators are required to review the following information before the test administration:

- the [Online Test Administrations—Policies and Procedures Training Course](#),
- the [Testing Violations, Irregularities, and Misadministrations](#) document,
- the [Testing Code of Ethics](#), and
- the [Testing Security Protocol and Procedures for School Personnel](#) guide.

Reviewing this information will minimize the occurrence of irregularities or misadministrations and may prevent students from retesting unnecessarily.

### Review and Plan for Accommodations

Some students are approved to have access to accommodations as written in their Individualized Education Programs (IEPs), Section 504 Plans, English Learner (EL) Plans, or transitory impairment documentation. On days before the test administration, the [Review of Accommodations Used During Testing Form](#) is completed to ensure students receive the appropriate accommodations. If a student is not provided a required accommodation, the test administration may result in a misadministration.

### Review and Enter Student Interface Questions (SIQs)

Before an online test administration, designated school personnel must review and possibly edit the SIQs in [NCTest Admin](#) for students who need the following interface options or documented accommodations.

- Student Interface Options
  - alternate background color
  - large font

- test read aloud (in English)
- Accommodations Required by the Student
  - *Multiple Testing Sessions*
  - *Test Read Aloud (in English)*
  - Other accommodations (i.e., other accommodations besides *Multiple Testing Sessions* and *Test Read Aloud [in English]*)

## On Test Day

Test administrators are responsible for ensuring students are provided with an appropriate testing environment. The following information will assist in preparing the testing room, understanding the testing processes, accounting for secure test materials, and completing procedures that are part of the test administration. Understanding and application of the following information will minimize the possibility of a testing irregularity or misadministration and will provide students with an optimal testing experience.

### Testing Room

Test administrators are required to ensure:

- all devices work properly and can access the internet.
- a “Testing—Do Not Disturb” sign is posted outside the testing room. **Test administrators are encouraged to ensure windows in doors of rooms where testing will occur are uncovered for test security and monitoring purposes.**
- bulletin boards, instructional displays, and reference materials (printed or attached) on student desks or devices are covered or removed.
- all desks or workstations are cleared of books and other materials that are not required for the test.
- a clock must be visible for students to manage their work time during testing.
  - A projected, digital clock is permitted, as long as it makes no noise and has no alarms.
  - The clock must display the time and cannot be a countdown timer.
- each student has enough space in which to work.

### Duties of Test Administrators

The test administrators’ primary responsibilities include:

- reading and studying thoroughly the *Testing Code of Ethics* before the test administration.
- maintaining test security at all times.
- ensuring students’ personal belongings are not accessed during testing.
- ensuring students only have an electronic device approved by the test administrator and that they do not have any additional electronic devices in their possession during testing.
- ensuring all cell phones (i.e., cell phones belonging to students, test administrators, and proctors) are turned off, and they or any other electronic devices are not accessed at any time during the test administration, including breaks.
- monitoring the test administration by moving quietly and frequently throughout the room and scanning the students’ work areas to ensure students follow the test directions, perform the required tasks, do not share responses, and those eligible have access to required accommodations.
- not reading test questions from students’ tests (except for students with a documented need requiring accommodations, such as *Test Read Aloud [in English]*), or taking notes or photographs of secure items or posting them on the

internet or social media.

- avoiding distracting behaviors (e.g., reading, conducting other personal or professional duties, talking or texting on cell phones, working on any other electronic device).
- documenting and reporting testing irregularities to the school test coordinator, who will ensure the irregularities are submitted in the *Online Testing Irregularity Submission System* (OTISS).

### Test Day Reminders

- Except for the electronic device they will use to take the test, students are not permitted to have any other electronic device in their possession during testing.
- A trained test administrator is required to be present in the testing room for the entire test administration.
- Effective with the 2025–26 school year, students must initially log into the test using their student-specific access code. Test administrators are only permitted to log a student into a test when the student is inadvertently logged out, or after a break when the student has the *Multiple Testing Sessions* accommodation.
  - Student access codes:
    - must be accounted for before, during, and after each test administration.
    - may be printed on a piece of paper, strips of paper, or on the individual student's scratch paper.
    - are unique for each student's specified test and only permitted for in-school test administrations.
    - can only be used once. After initial use, student access codes no longer work.
- Test administrators are not to engage in any activity other than monitoring the test administration to ensure there are no misadministrations or irregularities.
- Test administrators cannot give students any assistance on the test, verbally or nonverbally.
- Test administrators ensure each student in the room has access to the appropriate test materials as specified in this test administration guide.
- Only test materials specified in this test administration guide (or published supplements or updates) may be used during the test administration.
  - Schools are not required to hand out scratch paper and a writing utensil to every student at the beginning of testing; however, schools can choose to hand out scratch paper and a writing utensil to all students at the beginning of testing. All scratch paper (i.e., used and unused) is considered secure and must be handled in the same manner as secure test materials.
- Test administrators may not place test materials on students' desks or workstations before the beginning of the test administration.
- When necessary, students may be excused to use the restroom. While the student is out of the room, the test must be paused. The test administrator must note the amount of time the student is out of the room so the student may receive the accurate testing time allowed. It is best practice not to allow more than one student to visit the restroom at the same time.

- Visitors are not allowed in the classroom during the test administration except when required for state or local monitoring of test administrations or under extreme circumstances (i.e., emergency situations).
- Seating is arranged to discourage students from sharing responses.
- Ensure spare devices and power sources are available.
- Verify that the test administrator's NC Education username and password are working correctly. NC Education passwords are never shared, and if compromised, the school test coordinator must be notified immediately.
- The use of study carrels or privacy shields is permitted, but test administrators in rooms where they are used must take extra precautions to ensure students are not accessing electronic devices during the test administration. Study carrels or privacy shields may only be used under the following circumstances:
  - the students' assigned seats are multi-student desks (i.e., desks that seat two or more students), or
  - the student has the *Testing in a Separate Room* accommodation (i.e., in a one-on-one or small group setting).

### Receive Required Testing Materials

The morning of the test administration, the school test coordinator will provide each test administrator with the required test materials (e.g., student access codes, scratch paper, writing utensils). To maintain security of test materials, the test administrator will count and record the number of secure materials when they are first received from the school test coordinator. Any discrepancies in the counts should be reported before the test administrator leaves the distribution site. The test administrator will return all materials at the end of testing, and the counts must be verified by the school test coordinator.

The following materials are needed to administer the EOG tests:

- this test administration guide,
- devices that meet all technical requirements (For technical updates, periodically review the [technical requirements](#) for NCTest.),
- student access codes for each student in the assigned testing session,
- writing utensils,
- a supply of scratch paper (blank, colored, or lined),
- for mathematics tests at grades 3–8:
  - a supply of EOG graph paper issued by the Annual Testing Program
  - a calculator (online or handheld)
    - grades 3–5: any four-function calculator with memory key
    - grades 6 and 7: any four-function calculator with a square root function,  $y^x$ ,  $\pi$  (pi), and algebraic logic (scientific)
    - grade 8: a graphing calculator and any four-function calculator with a square root function,  $y^x$ ,  $\pi$  (pi), and algebraic logic (scientific)
  - An online calculator is available for students to use on all online calculator active test questions. The online calculator meets the minimum calculator requirements for the specific test.

- A handheld calculator is not required for online test administrations; however, students who routinely use a handheld calculator during classroom instruction and on similar classroom assessments or have not had enough practice using the online calculator, should be provided with a handheld calculator during the test administration. A student may also require a handheld calculator for accessibility purposes, when appropriate.
- See [Appendixes B–B9](#) for more information regarding calculators.
- for the science test at grade 8:
  - periodic table (embedded in the online testing system).

### **Breaks for Students with the *Multiple Testing Sessions* Accommodation**

If a student receives the *Multiple Testing Sessions* accommodation, he or she may require more frequent or longer breaks than the standard work and break times. The test administrator should replace the standard timing information in the test administration script with the timing information documented in the student's IEP, Section 504 Plan, EL Plan, or transitory impairment documentation.

Only students with the *Multiple Testing Sessions* accommodation should need to stop testing for an extended break.

### **Providing Extended Breaks during the Test**

When a student takes an extended break, the student must not communicate with others or access personal belongings.

The test administrator should instruct the student to click the **Pause** button to prevent others from seeing the test questions on the screen and to ensure test materials remain secure. The **Pause** button pauses the test for sixty minutes.

If a student is taking a break that is longer than sixty minutes, the test administrator must close NCTest by clicking the **Save and Exit** button on the review or pause page. The exit/logout screen will display for the test administrator to enter his or her username and password to exit the test without completing it. The student's responses to test questions will be saved.

**Testing over multiple days.** If a student has completed testing for the day, the test administrator must advise the student he or she:

- is not allowed to discuss specific test questions or information contained in the test.
- must complete the current reading or science selection and the associated test questions before leaving the room.
- will not be permitted to review or answer any test questions in the section of the test they completed before leaving for the day.
  - The testing platform does not prohibit students from accessing test questions completed during a previous test session; therefore, students could return to testing information completed at another time. It is best practice for the test administrator to record the question number where the student previously stopped to ensure the student begins at the correct starting point during the next

test session and that the student does not return to questions that were accessed before the break.

When a student has completed testing for the day, the test administrator must close NCTest by clicking the **Save and Exit** button on the review or pause page. The exit logout screen will display for the test administrator to enter his or her username and password to exit the test without completing it. The student's responses to test questions will be saved.

When the student returns to testing the next day, the test administrator must log back into NCTest and click the **Start** button so the student can continue testing from his or her previous stopping point. Clicking the **Start** button will launch the test again to allow the student to continue working. The test administrator should ensure the test begins at the point the student previously stopped.

Once the student finishes testing, the **End Test** button must be clicked, and the test will automatically finalize at 7:00 p.m.

### **Unexpected Pauses during Standard Test Sessions**

Students testing without the *Multiple Testing Sessions* accommodation should not take breaks outside of the ones built into the test administration script. However, when an unexpected pause in testing occurs (e.g., temporary internet outage), students may not communicate with anyone or access any personal belongings.

### **Procedures for Students Who Complete the Test before the Scheduled Testing Time Is Over**

In some test settings, there may be students who complete the test before the scheduled time is over. The following local options are available to these students as authorized by the appropriate school staff (e.g., principal, school test coordinator).

1. The student may remain in the testing room and read non-instructional reading materials (e.g., magazines) while the other students continue working to complete the test.
  - Students are not permitted to use electronic reading devices while there are students still testing in the same room.
2. The student may be dismissed from the testing room.

If a student finishes testing early, the test administrator completes the following steps.

- Verify the student has clicked the **End Test** button to close the test. Once the student has clicked the **End Test** button, the student will not be able to return to the test questions. A stop sign will appear on the student's screen after the second **End Test** button has been clicked and the test has been closed. Click the **Exit** button on the stop sign screen to close the test.
- Read the remainder of the script (i.e., Option 1: *Read if Testing is Complete for All Students*).
- Collect all testing materials (e.g., devices, used and unused papers).

## Online Test Administration Overview and Procedures

Test administrators must read and review the following policies and procedures before starting the online test administration:

- To ensure the validity of the test, students receiving the *Test Read Aloud (in English)* accommodation or designated feature via device audio must also receive the *Testing in a Separate Room* accommodation (one-on-one) unless using headphones.
- Follow and present the directions and script as written in this guide. Failure to do so may constitute a misadministration.
  - Read aloud only the material in **boldface** print that is preceded by the word “SAY.”
  - The text printed in standard type is information for the test administrator only and is not to be read aloud to students.
    - An exception to this policy is administrations that include the use of tablets. The word “click” may be replaced with the word “touch” in these instances.
  - Test administrators can read test directions aloud to students as many times as necessary for students to understand the directions.
- For reading—Reading aloud or signing/cueing the selections, test questions, or answer choices from the reading test for any students, including students with disabilities and students identified as ELs, invalidates test results because the test measures reading comprehension skills. Only the test directions may be read aloud or signed/cued to students during the reading test.
- For mathematics—The mathematics test consists of two parts.
  - The first part of the test is calculator inactive. Students are not allowed to use a calculator for this part of the test.
  - The second part of the test is calculator active. Students are allowed to use a calculator for this part of the test. For this section,
    - students may use the embedded online calculator for the calculator active portion of this test, or
    - students may use a handheld calculator in addition to the online calculator.
      - If a student indicates he or she would like a handheld calculator, the test administrator gives the student a calculator and ensures the he or she has moved into the calculator active section of the test. A handheld calculator may not be distributed until the student has completed all calculator inactive questions. Refer to the [Receive Required Testing Materials](#) subsection of this guide for more information.
      - The number of handheld calculators distributed should be counted and recorded.
      - Before beginning and immediately following the test administration, the test administrator or the principal’s designee clears each handheld calculator’s memory and all applications (including preloaded), including students’ personal calculators.
- No one may leave the testing room except in an emergency (e.g., illness, necessary restroom break). Test security must be maintained at all times.

- Test administrators are not permitted to discuss specific questions from the tests with students or colleagues before, during, or after the test administration, write about this information on the internet or social media, or to ask students questions about the tests. **The only exception to this directive is when a staff member believes there has been a breach of test security, which must immediately be reported to the principal or school test coordinator.**
- For those students who complete the test before the scheduled testing time is over, follow directives as outlined in the [Procedures for Students Who Complete the Test before the Scheduled Testing Time is Over](#) subsection of this guide.
- Devices that are (1) open and logged into NCTest, (2) displaying the students' start screens or test material, or (3) paused, must not be left unattended by the test administrator at any time.
- Clicking the **Save and Exit** button will result in a caution message. If the **Save and Exit** button is clicked accidentally during testing, click **Cancel** to continue the online test.

### Steps to Complete Before Beginning Online Testing

The Annual Testing Program recommends test administrators begin setting up devices used to deliver the online test thirty to forty minutes before the students are to begin testing.

Test administrators should follow these steps when preparing devices for testing:

1. Before launching NCTest, Chromebooks must be managed and run in kiosk mode.
  - Directions for Chromebooks are found in the [technical requirements](#) for NCTest.
2. Launch the NCTest Secure Browser, NCTest Chromebook app., or the NCTest iPad app. and click on the **NCTest Login** button.
  - If using iPads, ensure they are in Automatic Assessment Configuration by clicking on the **Yes** button in the pop-up window to Confirm App Self-Lock.

- If any Annual Testing Program-approved supplemental materials (e.g., headphones) are used during testing, the test administrator may give students these items before reading the script.
- If a student receives the *Multiple Testing Sessions* accommodation, he or she may require more frequent or longer breaks than the standard work and break times. The test administrator should replace the standard timing information in the test administration script with the timing information documented in the student's IEP, Section 504 Plan, EL Plan, or transitory impairment documentation. The total testing time must not exceed the maximum time allotted for the test as outlined in this test administration guide unless the student also has the *Scheduled Extended Time* accommodation.

When ready, turn to the appropriate subject specific online test administration directions.

<b>Online Test Administration Directions</b>	<b>Page Number</b>
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## Section 1: Reading Grades 3–8 Test Administration Directions

When ready, the test administrator begins the testing session by reading the test administration script.

**SAY: Today, you will take the reading end-of-grade test. Please do not begin testing until I tell you to do so. During testing you are not allowed to have any electronic devices in your possession except for the device you are using to complete this test. I will now pause and give you the opportunity to turn off and appropriately store any electronic devices.**

The test administrator pauses to allow students the time to turn off and appropriately store electronic devices.

**SAY: Before you begin, you must clear your work area.**

The test administrator pauses for students to clear their work area. When ready, the test administrator continues.

**SAY: I will now pass out your student access code. Enter your student ID number and access code where indicated on the screen and then click **Login**. Do not click the **Start** button until I tell you to do so.**

During the login process, the test administrator ensures the screen is set to the start page with the correct student's name, student ID number, school name, and test name displayed on the screen.

If student access codes were printed on paper that will not be used as scratch paper, the test administrator should collect and count student access codes from each student at this time and ensure the collected count matches the distributed count. If student access codes are printed on the scratch paper students will use during testing, the scratch paper is considered secure and must be collected and counted at the conclusion of testing.

**SAY: Look at the information on the screen. You should see your name, your student ID number, the school's name, the name of the test, a button labeled **Start**, and a button labeled **Exit**. Please do not click the **Exit** button; it will log you out of the test. Do not click **Start** until I tell you to do so. If the information on the screen is not correct, raise your hand.**

The test administrator helps students who raise their hands.

When ready, the test administrator continues reading the appropriate "SAY" statement for distributing scratch paper and writing utensils.

<p>Read if distributing scratch paper and writing utensils by request:</p> <p><b>SAY: If you would like a piece of scratch paper and a writing utensil, I can give these items to you now or I can give them to you during the test. Please raise your hand if you would like scratch paper and a writing utensil.</b></p>	<p>Read if distributing scratch paper and writing utensils to all students:</p> <p><b>SAY: I am going to give you a sheet of scratch paper and a writing utensil.</b></p>	<p>Read if the paper used to distribute student access codes will be used as scratch paper:</p> <p><b>SAY: You may use the paper your access code is printed on as scratch paper. I will give you a writing utensil at this time.</b></p>
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The test administrator pauses to distribute scratch paper and writing utensils (if applicable) and then continues.

**SAY: Most of you will take about two hours to complete the test, but if you need additional time, it will be provided. During the test, you will take 2 three-minute breaks. I will tell you when it is time for the breaks.**

Click **Start** now. A pop-up box will display asking you to confirm the test you are taking before you begin. You should see Reading (insert appropriate grade level), your name, your student ID number, and your school's name in the box.

Click **OK** now to continue.

The test administrator pauses while students click **OK** and then continues.

**SAY: You will begin the test by answering sample questions. Your responses to the sample questions will not be scored.**

**Read the selection and select your answer for Sample 1.**

The test administrator pauses while students read the selection and answer Sample 1.

**SAY: Click **Next**. The correct answer for the sample question will appear on the screen. Are there any questions about how to answer Sample 1?**

The test administrator pauses to answer questions and then continues.

SAY: Click **OK**. Read Sample 2 and select your answer.

The test administrator pauses while students read and answer Sample 2.

SAY: Click **Next**. The correct answer for the sample question will appear on the screen. Are there any questions about how to answer Sample 2?

The test administrator pauses to answer questions and then continues.

SAY: **When you complete the test, look back over your answers. Raise your hand when you are finished, and I will help you.**

**Now click **OK**, and then click **Next** to begin the test.**

To assist students with budgeting time, the test administrator records the following on the board for all students to see:

Start Time:	_____	(Record the start time.)
Work Time:	<u>+40</u>	(Add forty minutes.)
Break Time:	_____	(Record the time for the first break.)

After the start time, work time, and break time are recorded on the board, the test administrator is expected to:

- walk quietly and frequently throughout the room,
- ensure students do not access any prohibited items during the test session,
- provide an optimal test-taking environment,
- assist students with device problems or procedural questions (All time lost because of technical problems is documented and credited to the student at the end of the test administration, if needed.),
- avoid distracting behaviors,
- monitor students' screens to ensure students are not using additional resources, questions are displaying properly, and students have not prematurely ended the online test,
- remain in the room throughout the test administration unless an emergency arises (A trained test administrator must be present for the duration of testing.), and
- if necessary, complete the [Review of Accommodations Used During Testing Form](#) for each student who requires a testing accommodation and return the completed form(s) to the school test coordinator after testing.

After the appropriate time has elapsed, the test administrator reads the following to announce the first break.

SAY: **Stop working. You will take a three-minute break. Click the **Pause** button at the bottom of your screen.**

The test administrator ensures each student has clicked the **Pause** button, and the online test questions are not visible on devices.

**SAY: You may stand beside your desk and stretch or just relax, but you cannot talk during the break.**

After three minutes, the test administrator continues.

**SAY: The break has now ended. Return to your seats.**

**Some of you may finish the test early. If you do, raise your hand and I will help you.**

**Now click the **Continue** button and continue working.**

The test administrator ensures that students who complete the test before the scheduled testing time is over click the second **End Test** button to close the test. A stop sign will appear on the student's screen after the **End Test** button has been clicked and the test has been closed. Click the **Exit** button on the stop sign screen to close the test.

To assist students with budgeting time, the test administrator records the following on the board for all students to see:

Start Time:	_____	(Record the start time after the break.)
Work Time:	<u>+40</u>	(Add forty minutes.)
Break Time:	_____	(Record the time for the second break.)

After the appropriate time has elapsed, the test administrator reads the following to announce the second break.

**SAY: Stop working. You will take a three-minute break. Click the **Pause** button at the bottom of your screen.**

The test administrator ensures each student has clicked the **Pause** button, and the online test questions are not visible on devices.

**SAY: You may stand beside your desk and stretch or just relax, but you cannot talk during the break.**

After three minutes, the test administrator continues.

**SAY: The break has now ended. Return to your seats.**

**SAY: Some of you may finish the test early. If you do, raise your hand and I will help you. If you need additional time to complete this test when the test session ends, time will be provided.**

Now click the **Continue** button and continue working.

The test administrator ensures that students who complete the test before the scheduled testing time is over, click the second **End Test** button to close the test. A stop sign will appear on the student's screen after the **End Test** button has been clicked and the test has been closed. Click the **Exit** button on the stop sign screen to close the test.

To assist students with budgeting time, the test administrator records the following on the board for all students to see:

Start Time:	_____	(Record the start time after the break.)
Work Time:	_____ +40	(Add forty minutes.)
End Time:	_____	(Record the end time for the standard test administration.)

After the appropriate time has elapsed, the test administrator continues.

**SAY: Stop working and sit quietly. If you have not finished the test and need additional time, click the **Pause** button at the bottom of your screen and raise your hand.**

As long as students are engaged and working, they can be provided up to the maximum time allowed to complete the test. However, no administration of the test may exceed the maximum time allowed (except for students with documented accommodations, such as *Scheduled Extended Time*).

The test administrator makes note of students who need additional time and ensures their **Pause** buttons have been clicked.

Read if students raised their hands:

**SAY: Those of you who raised your hand may lower it at this time. Please wait quietly until I give you further instructions.**

The test administrator continues by following the appropriate directions (i.e., Option 1, Option 2, Option 3).

- Option 1: *Read if Testing is Complete for All Students*
- Option 2: *Read if the Test Session has a Combination of Students Who are Finished Testing and Students Who Need Additional Time*
- Option 3: *Read if All Students Need Additional Time*

**Option 1: Read if Testing is Complete for All Students**

**SAY: If you are finished testing and have not done so, click the **Review** button on your screen. Now, click the **End Test** button. A caution box will pop up on your screen. Click the second **End Test** button and then click **Exit**. I will collect your test materials.**

The test administrator ensures students have ended their test session, collects remaining test materials, and continues.

**SAY: Please remember teachers are not allowed to discuss questions from the test with you, and you are not allowed to discuss with others any of the test questions or information contained within the test or to write about them on the internet or on social media.**

**You have completed the reading end-of-grade test.**

Students are dismissed according to procedures developed for the school by the principal or school test coordinator.

All secure test materials (including supplemental materials) are counted and returned to the school test coordinator. The school test coordinator and test administrator verify that the count of test materials returned matches the count taken when the materials were first received.

Report to the school test coordinator or principal any irregularities that occurred during testing.

**Option 2: Read if the Test Session has a Combination of Students Who are Finished Testing and Students Who Need Additional Time**

**SAY: If you are finished testing and have not done so, click the Review button on your screen. Now, click the End Test button. A caution box will pop up on your screen. Click the second End Test button and then click Exit. I will collect your test materials.**

The test administrator ensures students have ended their test session, collects remaining test materials, and continues.

**SAY: Please remember teachers are not allowed to discuss questions from the test with you, and you are not allowed to discuss with others any of the test questions or information contained within the test or to write about them on the internet or on social media.**

**You have completed the reading end-of-grade test.**

The test administrator follows local procedures to dismiss students who have finished testing and relocate students who need additional time, as appropriate.

When ready, the test administrator continues.

**SAY: We will begin by taking a three-minute break. You may stand beside your desk and stretch or just relax, but you cannot talk during the break.**

After three minutes, the test administrator continues.

**SAY: The break has now ended. Return to your seats. You have sixty minutes to complete the test. During the testing time, you will take a three-minute break. I will tell you when it is time for the break.**

**Now click the Continue button and continue working.**

To assist students with budgeting time, the test administrator records the following on the board for all students to see:

Start Time:	<u>      </u>	(Record the start time after the break.)
Work Time:	<u>  +40  </u>	(Add forty minutes.)
Break Time:	<u>      </u>	(Record the time for the final break.)

After forty minutes the test administrator announces the final break.

**SAY: Stop working. You will take a three-minute break. Click the Pause button at the bottom of your screen. You may stand beside your desk and stretch or**

**SAY: just relax, but you cannot talk during the break.**

After three minutes, the test administrator continues.

**SAY: The break has now ended. Return to your seats. You have twenty minutes to complete the test. When you finish, raise your hand and I will help you.**

**Now click the **Continue** button and continue working.**

To assist students with budgeting time, the test administrator records the following on the board for all students to see:

Start Time:	_____	(Record the start time after the break.)
Work Time:	_____ +15	(Add fifteen minutes.)
Five-Minute Warning Time:	_____	(Record the five-minute warning time.)
Add Five Minutes:	_____ +5	(Add five minutes.)
End Time:	_____	(Record the end time for the test administration.)

After fifteen minutes, the test administrator continues.

**SAY: You have five minutes remaining in this testing session.**

After five minutes, the test administrator reads to announce the end of the testing session:

**SAY: Stop working. This is the end of the testing session. Click the **Review** button on your screen. Now, click the **End Test** button. A caution box will pop up on your screen. Click the second **End Test** button and then click **Exit**.**

The test administrator ensures that students click the second **End Test** button to close the test. A stop sign will appear on the student's screen after the **End Test** button has been clicked, and the test has been closed. Click the **Exit** button on the stop sign screen to close the test.

When ready, the test administrator continues.

**SAY: I will now collect your test materials.**

The test administrator collects all test materials and then continues.

**SAY: Please remember teachers are not allowed to discuss questions from the test with you, and you are not allowed to discuss with others any of the**

**SAY: test questions or information contained within the test or to write about them on the internet or on social media.**

**You have completed the reading end-of-grade test.**

Students are dismissed according to procedures developed for the school by the principal or school test coordinator.

All secure test materials (including supplemental materials) are counted and returned to the school test coordinator. The school test coordinator and test administrator verify that the count of test materials returned matches the count taken when the materials were first received.

Report to the school test coordinator or principal any irregularities that occurred during testing.

<b>Option 3: Read if All Students Need Additional Time</b>
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**SAY: We will begin by taking a three-minute break. You may stand beside your desk and stretch or just relax, but you cannot talk during the break.**

After three minutes, the test administrator continues.

**SAY: The break has now ended. Return to your seats. You have sixty minutes to complete the test. During the testing time, you will take a three-minute break. I will tell you when it is time for the break.**

**Now click the Continue button and continue working.**

To assist students with budgeting time, the test administrator records the following on the board for all students to see:

Start Time:	<u>      </u>	(Record the start time after the break.)
Work Time:	<u>  +40  </u>	(Add forty minutes.)
Break Time:	<u>      </u>	(Record the time for the final break.)

After forty minutes the test administrator announces the final break.

**SAY: Stop working. You will take a three-minute break. Click the Pause button at the bottom of your screen. You may stand beside your desk and stretch or just relax, but you cannot talk during the break.**

After three minutes, the test administrator continues.

**SAY: The break has now ended. Return to your seats. You have twenty minutes to complete the test. When you finish, raise your hand and I will help you.**

**Now click the Continue button and continue working.**

To assist students with budgeting time, the test administrator records the following on the board for all students to see:

Start Time:	<u>      </u>	(Record the start time after the break.)
Work Time:	<u>  +15  </u>	(Add fifteen minutes.)
Five-Minute Warning Time:	<u>      </u>	(Record the five-minute warning time.)
Add Five Minutes:	<u>  +5  </u>	(Add five minutes.)
End Time:	<u>      </u>	(Record the end time for the test administration.)

After fifteen minutes, the test administrator continues.

**SAY: You have five minutes remaining in this testing session.**

After five minutes, the test administrator reads to announce the end of the testing session:

**SAY: Stop working. This is the end of the testing session. Click the **Review** button on your screen. Now, click the **End Test** button. A caution box will pop up on your screen. Click the second **End Test** button and then click **Exit**.**

The test administrator ensures that students click the second **End Test** button to close the test. A stop sign will appear on the student's screen after the **End Test** button has been clicked, and the test has been closed. Click the **Exit** button on the stop sign screen to close the test.

When ready, the test administrator continues.

**SAY: I will now collect your test materials.**

The test administrator collects all test materials and then continues.

**SAY: Please remember teachers are not allowed to discuss questions from the test with you, and you are not allowed to discuss with others any of the test questions or information contained within the test or to write about them on the internet or on social media.**

**You have completed the reading end-of-grade test.**

Students are dismissed according to procedures developed for the school by the principal or school test coordinator.

All secure test materials (including supplemental materials) are counted and returned to the school test coordinator. The school test coordinator and test administrator verify that the count of test materials returned matches the count taken when the materials were first received.

Report to the school test coordinator or principal any irregularities that occurred during testing.

## Section 2: Mathematics Grades 3–8 Test Administration Directions

When ready, the test administrator begins the testing session by reading the test administration script.

**SAY: Today, you will take the mathematics end-of-grade test. Please do not begin testing until I tell you to do so. During testing you are not allowed to have any electronic devices in your possession except for the device you are using to complete this test. I will now pause and give you the opportunity to turn off and appropriately store any electronic devices.**

The test administrator pauses to allow students the time to turn off and appropriately store electronic devices.

**SAY: Before you begin, you must clear your work area.**

The test administrator pauses for students to clear their work area. When ready, the test administrator continues.

**SAY: I will now pass out your student access code. Enter your student ID number and access code where indicated on the screen and then click **Login**. Do not click the **Start** button until I tell you to do so.**

During the login process, the test administrator ensures the screen is set to the start page with the correct student's name, student ID number, school name, and test name displayed on the screen.

If student access codes were printed on paper that will not be used as scratch paper, the test administrator should collect and count student access codes from each student at this time and ensure the collected count matches the distributed count. If student access codes are printed on the scratch paper students will use during testing, the scratch paper is considered secure and must be collected and counted at the conclusion of testing.

**SAY: Look at the information on the screen. You should see your name, your student ID number, the school's name, the name of the test, a button labeled **Start**, and a button labeled **Exit**. Please do not click the **Exit** button; it will log you out of the test. Do not click **Start** until I tell you to do so. If the information on the screen is not correct, raise your hand.**

The test administrator helps students who raise their hands.

The test administrator continues reading the appropriate SAY statement for distributing scratch paper and writing utensils.

<p>Read if distributing scratch paper by request:</p> <p><b>SAY: If you would like a piece of scratch paper, I can give it to you now or I can give it to you during the test. Please raise your hand if you would like scratch paper.</b></p>	<p>Read if distributing scratch paper to all students:</p> <p><b>SAY: I am going to give you a sheet of scratch paper.</b></p>	<p>Read if the paper used to distribute student access codes will be used as scratch paper:</p> <p><b>SAY: You may use the paper your access code was printed on as scratch paper.</b></p>
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The test administrator pauses to distribute scratch paper and then continues.

**SAY: I am going to give you a sheet of graph paper and a writing utensil. You may use this paper to help you work out problems. I will collect this paper and writing utensil at the end of the testing session. If you need more scratch or graph paper during the test, raise your hand, and I will give you more paper.**

The test administrator pauses to distribute graph paper and a writing utensil and then continues.

**SAY: The mathematics test consists of two parts. The first part of the test is calculator inactive. For this part of the test, you are not allowed to use a calculator. The second part of the test is calculator active. You may use the online or a handheld calculator for the calculator active test questions.**

**When you finish the calculator inactive part of the test, follow the directions on your screen. After you begin the calculator active section, you will not be able to go back and work on questions in the calculator inactive part of the test.**

**Are there any questions?**

The test administrator pauses to answer questions and then continues.

**SAY: Most of you will take about two hours to complete the test, but if you need additional time, it will be provided. During the test, you will take 2 three-minute breaks. I will tell you when it is time for the breaks.**

**Are there any questions before you begin?**

The test administrator pauses to answer questions and then continues.

**SAY: Click **Start** now. A pop-up box will display asking you to confirm the test you are taking before you can begin. You should see **Mathematics** (insert appropriate grade level), **your name, your student ID number, and your school’s name in the box.****

**Click **OK** to continue.**

The test administrator pauses while students click **OK** and then continues.

**SAY: You will begin the test by answering sample questions. Your responses to the sample questions will not be scored.**

To ensure the validity of the test, students receiving the *Test Read Aloud (in English)* accommodation or designated feature via device audio must also receive the *Testing in a Separate Room* accommodation (one-on-one) unless using headphones.

Read the following for students receiving the <i>Test Read Aloud (in English)</i> accommodation or designated feature via device audio:	
<p><b>SAY: You may control which portions of the online test are read aloud by clicking the audio button beside the block of text. Each test question and answer choice has an audio button. When you click this button, the audio will play. Some parts of the test questions and answer choices cannot be read aloud by your device, such as graphs and tables. When you click on the audio button for a test question that cannot be read aloud, it will be indicated in the audio.</b></p>	
Read the following for students receiving the <i>Test Read Aloud (in English)</i> accommodation via human reader:	
Read if the entire test is to be read aloud:	Read if student requires read aloud by request:
<p><b>SAY: I will read aloud all the sample questions, test questions, and answer choices for you. I will repeat this information if you ask me to do so.</b></p>	<p><b>SAY: I can read aloud any information from the sample questions, test questions, and answer choices if you ask me to. I will repeat this information if you ask me to do so.</b></p>

**SAY: Read Sample 1 and select your answer.**

The test administrator pauses while students read and answer Sample 1.

SAY: Click **Next**. The correct answer for the sample question will appear on the screen. Are there any questions about how to answer Sample 1?

The test administrator pauses to answer questions and then continues.

SAY: Click **OK**. Read Sample 2 and select your answer.

The test administrator pauses while students read and answer Sample 2.

SAY: Click **Next**. The correct answer for the sample question will appear on the screen. Are there any questions about how to answer Sample 2?

The test administrator pauses to answer questions and then continues.

Read for grades 5–8 only:

SAY: Click **OK**. Read Sample 3 and provide your answer.

The test administrator pauses while students read the question and answer Sample 3.

SAY: Click **Next**. The correct answer for the sample question will appear on the screen. Are there any questions about how to answer Sample 3?

The test administrator pauses to answer questions and then continues.

SAY: **When you complete the test, look back over your answers. Raise your hand when you are finished, and I will help you.**

**Now click **OK**, and then click **Next** to begin the test.**

To assist students with budgeting time, the test administrator records the following on the board for all students to see:

Start Time:	_____	(Record the start time.)
Work Time:	<u>+40</u>	(Add forty minutes.)
Break Time:	_____	(Record the time for the first break.)

After the start time, work time, and break time are recorded on the board, the test administrator is expected to:

- walk quietly and frequently throughout the room,
- ensure students do not access any prohibited items during the test session,
- provide an optimal test-taking environment,
- assist students with device problems or procedural questions (All time lost because of technical problems is documented and credited to the student at the end of the test administration, if needed.),

- avoid distracting behaviors,
- monitor students' screens to ensure students are not using additional resources, questions are displaying properly, and students have not prematurely ended the online test,
- remain in the room throughout the test administration unless an emergency arises (A trained test administrator must be present for the duration of testing.), and
- if necessary, complete the [Review of Accommodations Used During Testing Form](#) for each student who requires a testing accommodation and return the completed form(s) to the school test coordinator after testing.

When a student completes the calculator inactive part of the test, the directions on the screen instruct the student to raise his or her hand if he or she would like to receive a handheld calculator. The test administrator, in the least disruptive manner possible, gives the student a calculator and ensures the student has moved into the calculator active section of the test. Students may use the online calculator, a handheld calculator, or both during the test. The number of calculators distributed must be counted and the number recorded.

After the appropriate time has elapsed, the test administrator reads the following to announce the first break.

**SAY: Stop working. You will take a three-minute break. Click the **Pause** button at the bottom of your screen.**

The test administrator ensures each student has clicked the **Pause** button, and the online test questions are not visible on devices.

**SAY: You may stand beside your desk and stretch or just relax, but you cannot talk during the break.**

After three minutes, the test administrator continues.

**SAY: The break has now ended. Return to your seats.**

**Some of you may finish the test early. If you do, raise your hand and I will help you.**

**Now click the **Continue** button and continue working.**

The test administrator ensures that students who complete the test before the scheduled testing time is over, click the second **End Test** button to close the test. A stop sign will appear on the student's screen after the **End Test** button has been clicked, and the test has been closed. Click the **Exit** button on the stop sign screen to close the test.

To assist students with budgeting time, the test administrator records the following on the board for all students to see:

Start Time:	_____	(Record the start time after the break.)
Work Time:	+40	(Add forty minutes.)
Break Time:	_____	(Record the time for the second break.)

After the appropriate time has elapsed, the test administrator reads the following to announce the second break.

**SAY: Stop working. You will take a three-minute break. Click the **Pause** button at the bottom of your screen.**

The test administrator ensures each student has clicked the **Pause** button, and the online test questions are not visible on devices.

**SAY: You may stand beside your desk and stretch or just relax, but you cannot talk during the break.**

After three minutes, the test administrator continues.

**SAY: The break has now ended. Return to your seats.**

**Some of you may finish the test early. If you do, raise your hand and I will help you. If you need additional time to complete the test when this testing session ends, time will be provided.**

**Now click the **Continue** button and continue working.**

The test administrator ensures that students who complete the test before the scheduled testing time is over, click the second **End Test** button to close the test. A stop sign will appear on the student's screen after the **End Test** button has been clicked, and the test has been closed. Click the **Exit** button on the stop sign screen to close the test.

To assist students with budgeting time, the test administrator records the following on the board for all students to see:

Start Time:	_____	(Record the start time after the break.)
Work Time:	+40	(Add forty minutes.)
End Time:	_____	(Record the end time for the standard test administration.)

After the appropriate time has elapsed, the test administrator continues.

**SAY: Stop working and sit quietly. If you have not finished the test and need additional time, click the **Pause** button at the bottom of your screen and raise your hand.**

As long as students are engaged and working, they can be provided up to the maximum time allowed to complete the test. However, no administration of the test may exceed the maximum time allowed (except for students with documented accommodations, such as *Scheduled Extended Time*).

The test administrator makes note of students who need additional time and ensures the **Pause** buttons have been clicked.

Read if students raised their hands:

**SAY: Those of you who raised your hand may lower it at this time. Please wait quietly until I give you further instructions.**

The test administrator continues by following the appropriate directions (i.e., Option 1, Option 2, Option 3).

- Option 1: *Read if Testing is Complete for All Students*
- Option 2: *Read if the Test Session has a Combination of Students Who are Finished Testing and Students Who Need Additional Time*
- Option 3: *Read if All Students Need Additional Time*

**Option 1: Read if Testing is Complete for All Students**

**SAY: If you are finished testing and have not done so, click the **Review** button on your screen. Now, click the **End Test** button. A caution box will pop up on your screen. Click the second **End Test** button and then click **Exit**. I will collect your test materials.**

The test administrator ensures students have ended their test session, collects remaining test materials, and continues.

**SAY: Please remember teachers are not allowed to discuss questions from the test with you, and you are not allowed to discuss with others any of the test questions or information contained within the test or to write about them on the internet or on social media.**

**You have completed the mathematics end-of-grade test.**

Students are dismissed according to procedures developed for the school by the principal or school test coordinator.

All secure test materials (including supplemental materials) are counted and returned to the school test coordinator. The school test coordinator and test administrator verify that the count of test materials returned matches the count taken when the materials were first received.

Report to the school test coordinator or principal any irregularities that occurred during testing.

**Option 2: Read if the Test Session has a Combination of Students Who are Finished Testing and Students Who Need Additional Time**

**SAY: If you are finished testing and have not done so, click the Review button on your screen. Now, click the End Test button. A caution box will pop up on your screen. Click the second End Test button and then click Exit. I will collect your test materials.**

The test administrator ensures students have ended their test session, collects remaining test materials, and continues.

**SAY: Please remember teachers are not allowed to discuss questions from the test with you, and you are not allowed to discuss with others any of the test questions or information contained within the test or to write about them on the internet or on social media.**

**You have completed the mathematics end-of-grade test.**

The test administrator follows local procedures to dismiss students who have finished testing and relocate students who need additional time, as appropriate.

When ready, the test administrator continues.

**SAY: We will begin by taking a three-minute break. You may stand beside your desk and stretch or just relax, but you cannot talk during the break.**

After three minutes, the test administrator continues.

**SAY: The break has now ended. Return to your seats. You have sixty minutes to complete the test. During the testing time, you will take a three-minute break. I will tell you when it is time for the break.**

**If you finish before the break, raise your hand, and I will help you. Now click the Continue button and continue working.**

To assist students with budgeting time, the test administrator records the following on the board for all students to see:

Start Time:	<u>      </u>	(Record the start time after the break.)
Work Time:	<u>  +40  </u>	(Add forty minutes.)
Break Time:	<u>      </u>	(Record the time for the final break.)

After forty minutes the test administrator announces the final break.

**SAY: Stop working. You will take a three-minute break. Click the **Pause** button at the bottom of your screen. You may stand beside your desk and stretch or just relax, but you cannot talk during the break.**

After three minutes, the test administrator continues.

**SAY: The break has now ended. Return to your seats. You have twenty minutes to complete the test. When you finish, raise your hand and I will help you.**

**Now click the **Continue** button and continue working.**

To assist students with budgeting time, the test administrator records the following on the board for all students to see:

Start Time:	_____	(Record the start time after the break.)
Work Time:	<u>  +15  </u>	(Add fifteen minutes.)
Five-Minute Warning Time:	_____	(Record the five-minute warning time.)
Add Five Minutes:	<u>  +5  </u>	(Add five minutes.)
End Time:	_____	(Record the end time for the test administration.)

After fifteen minutes, the test administrator continues.

**SAY: You have five minutes remaining in this testing session.**

After five minutes, the test administrator reads to announce the end of the testing session:

**SAY: Stop working. This is the end of the testing session. Click the **Review** button on your screen. Now, click the **End Test** button. A caution box will pop up on your screen. Click the second **End Test** button and then click **Exit**.**

The test administrator ensures that students click the second **End Test** button to close the test. A stop sign will appear on the student's screen after the **End Test** button has been clicked, and the test has been closed. Click the **Exit** button on the stop sign screen to close the test.

When ready, the test administrator continues.

**SAY: I will now collect your test materials.**

The test administrator collects all test materials and then continues.

**SAY: Please remember teachers are not allowed to discuss questions from the test with you, and you are not allowed to discuss with others any of the test questions or information contained within the test or to write about them on the internet or on social media.**

**You have completed the mathematics end-of-grade test.**

Students are dismissed according to procedures developed for the school by the principal or school test coordinator.

All secure test materials (including supplemental materials) are counted and returned to the school test coordinator. The school test coordinator and test administrator verify that the count of test materials returned matches the count taken when the materials were first received.

Report to the school test coordinator or principal any irregularities that occurred during testing.

<b>Option 3: Read if All Students Need Additional Time</b>
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**SAY: We will begin by taking a three-minute break. You may stand beside your desk and stretch or just relax, but you cannot talk during the break.**

After three minutes, the test administrator continues.

**SAY: The break has now ended. Return to your seats. You have sixty minutes to complete the test. During the testing time, you will take a three-minute break. I will tell you when it is time for the break.**

**If you finish before the break, raise your hand, and I will help you. Now click the **Continue** button and continue working.**

To assist students with budgeting time, the test administrator records the following on the board for all students to see:

Start Time:	_____	(Record the start time after the break.)
Work Time:	<u>+40</u>	(Add forty minutes.)
Break Time:	_____	(Record the time for the final break.)

After forty minutes the test administrator announces the final break.

**SAY: Stop working. You will take a three-minute break. Click the **Pause** button at the bottom of your screen. You may stand beside your desk and stretch or just relax, but you cannot talk during the break.**

After three minutes, the test administrator continues.

**SAY: The break has now ended. Return to your seats. You have twenty minutes to complete the test. When you finish, raise your hand and I will help you. Now click the **Continue** button and continue working.**

To assist students with budgeting time, the test administrator records the following on the board for all students to see:

Start Time:	_____	(Record the start time after the break.)
Work Time:	<u>+15</u>	(Add fifteen minutes.)
Five-Minute Warning Time:	_____	(Record the five-minute warning time.)
Add Five Minutes:	<u>+5</u>	(Add five minutes.)
End Time:	_____	(Record the end time for the test administration.)

After fifteen minutes, the test administrator continues.

**SAY: You have five minutes remaining in this testing session.**

After five minutes, the test administrator reads to announce the end of the testing session:

**SAY: Stop working. This is the end of the testing session. Click the **Review** button on your screen. Now, click the **End Test** button. A caution box will pop up on your screen. Click the second **End Test** button and then click **Exit**.**

The test administrator ensures that students click the second **End Test** button to close the test. A stop sign will appear on the student's screen after the **End Test** button has been clicked, and the test has been closed. Click the **Exit** button on the stop sign screen to close the test.

When ready, the test administrator continues.

**SAY: I will now collect your test materials.**

The test administrator collects all test materials and then continues.

**SAY: Please remember teachers are not allowed to discuss questions from the test with you, and you are not allowed to discuss with others any of the test questions or information contained within the test or to write about them on the internet or on social media.**

**You have completed the mathematics end-of-grade test.**

Students are dismissed according to procedures developed for the school by the principal or school test coordinator.

All secure test materials (including supplemental materials) are counted and returned to the school test coordinator. The school test coordinator and test administrator verify that the count of test materials returned matches the count taken when the materials were first received.

Report to the school test coordinator or principal any irregularities that occurred during testing.

### Section 3: Science Grades 5 and 8 Test Administration Directions

When ready, the test administrator begins the testing session by reading the test administration script.

**SAY: Today, you will take the science end-of-grade online test. Please do not begin testing until I tell you to do so. During testing you are not allowed to have any electronic devices in your possession except for the device you are using to complete this test. I will now pause and give you the opportunity to turn off and appropriately store any electronic devices.**

The test administrator pauses to allow students time to turn off and appropriately store electronic devices.

**SAY: Before you begin, you must clear your work area.**

The test administrator pauses for students to clear their work area. When ready, the test administrator continues.

**SAY: I will now pass out your student access code. Enter your student ID number and access code where indicated on the screen and then click **Login**. Do not click the **Start** button until I tell you to do so.**

During the login process, the test administrator ensures the screen is set to the start page with the correct student's name, student ID number, school name, and test name displayed on the screen.

If student access codes were printed on paper that will not be used as scratch paper, the test administrator should collect and count student access codes from each student at this time and ensure the collected count matches the distributed count. If student access codes are printed on the scratch paper students will use during testing, the scratch paper is considered secure and must be collected and counted at the conclusion of testing.

**SAY: Look at the information on the screen. You should see your name, your student ID number, the school's name, the name of the test, a button labeled **Start**, and a button labeled **Exit**. Please do not click the **Exit** button; it will log you out of the test. Do not click **Start** until I tell you to do so. If the information on the screen is not correct, raise your hand.**

The test administrator helps students who raise their hand.

The test administrator continues reading the appropriate "SAY" statement for distributing scratch paper and writing utensils.

<p>Read if distributing scratch paper and writing utensils by request:</p> <p><b>SAY: If you would like a piece of scratch paper and a writing utensil, I can give these items to you now or I can give them to you during the test. Please raise your hand if you would like scratch paper and a writing utensil.</b></p>	<p>Read if distributing scratch paper and writing utensils to all students:</p> <p><b>SAY: I am going to give you a sheet of scratch paper and a writing utensil.</b></p>	<p>Read if the paper used to distribute student access codes will be used as scratch paper:</p> <p><b>SAY: You may use the paper your access code was printed on as scratch paper. I will give you a writing utensil at this time.</b></p>
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The test administrator pauses to distribute scratch paper and writing utensils (if applicable) and then continues.

Read for Grade 8 Only:

**SAY: An online periodic table is available in the upper right corner of the screen for your use. The periodic table may be used to help you answer the test questions.**

**SAY: Most of you will take about two hours to complete the test, but if you need additional time, it will be provided. During the test, you will take 2 three-minute breaks. I will tell you when it is time for the breaks.**

Click **Start** now. A pop-up box will display asking you to confirm the test you are taking before you begin. You should see **Science** (insert appropriate grade level), **your name, your student ID number, and your school's name in the box.**

Click **OK** now to begin the test.

The test administrator pauses while students click **OK** and then continues.

**SAY: You will begin the test by answering sample questions. Your responses to the sample questions will not be scored.**

To ensure the validity of the test, students receiving the *Test Read Aloud (in English)* accommodation or designated feature via device audio must also receive the *Testing in a Separate Room* accommodation (one-on-one) unless using headphones.

Read the following for students receiving the <i>Test Read Aloud (in English)</i> accommodation or designated feature via device audio:	
<p><b>SAY: You may control which portions of the online test are read aloud by clicking the audio button beside the block of text. Each test question and answer choice has an audio button. When you click this button, the audio will play. Some parts of the test questions and answer choices cannot be read aloud by your device, such as graphs and tables. When you click on the audio button for a test question that cannot be read aloud, it will be indicated in the audio.</b></p>	
Read the following for students receiving the <i>Test Read Aloud (in English)</i> accommodation via human reader:	
Read if the entire test is to be read aloud:	Read if student requires read aloud by request:
<p><b>SAY: I will read aloud all the sample questions, test questions, and answer choices for you. I will repeat this information if you ask me to do so.</b></p>	<p><b>SAY: I can read aloud any information from the sample questions, test questions, and answer choices if you ask me to. I will repeat this information if you ask me to do so.</b></p>

**SAY: Read Sample 1 and select your answer.**

The test administrator pauses while students read and answer Sample 1.

**SAY: Click Next. The correct answer for the sample question will appear on the screen. Are there any questions about how to answer Sample 1?**

The test administrator pauses to answer questions and then continues.

**SAY: Click OK. Read Sample 2 and select your answer.**

The test administrator pauses while students read and answer Sample 2.

**SAY: Click Next. The correct answer for the sample question will appear on the screen. Are there any questions about how to answer Sample 2?**

The test administrator pauses to answer questions and then continues.

**SAY: Click OK. Read Sample 3 and provide your answer.**

The test administrator pauses while students read and answer Sample 3.

SAY: Click **Next**. The correct answer for the sample question will appear on the screen. Are there any questions about how to answer Sample 3?

The test administrator pauses to answer questions and then continues.

SAY: **When you complete the test, look back over your answers. Raise your hand when you are finished, and I will help you.**

Now click **OK**, and then click **Next** to begin the test.

To assist students with budgeting time, the test administrator records the following on the board for all students to see:

Start Time: _____	(Record the start time.)
Work Time: <u>+40</u>	(Add forty minutes.)
Break Time: _____	(Record the time for the first break.)

After the start time, work time, and break time are recorded on the board, the test administrator is expected to:

- walk quietly and frequently throughout the room,
- ensure students do not access any prohibited items during the test session,
- provide an optimal test-taking environment,
- assist students with device problems or procedural questions (All time lost because of technical problems is documented and credited to the student at the end of the test administration, if needed.),
- avoid distracting behaviors,
- monitor students' screens to ensure students are not using additional resources, questions are displaying properly, and students have not prematurely ended the online test,
- remain in the room throughout the test administration unless an emergency arises (A trained test administrator must be present for the duration of testing.), and
- if necessary, complete the [Review of Accommodations Used During Testing Form](#) for each student who requires a testing accommodation and return the completed form(s) to the school test coordinator after testing.

After the appropriate time has elapsed, the test administrator reads the following to announce the first break.

SAY: **Stop working. You will take a three-minute break. Click the **Pause** button at the bottom of your screen.**

The test administrator ensures each student has clicked the **Pause** button, and the online test questions are not visible on devices.

**SAY: You may stand beside your desk and stretch or just relax, but you cannot talk during the break.**

After three minutes, the test administrator continues.

**SAY: The break has now ended. Return to your seats.**

**Some of you may finish the test early. If you do, raise your hand and I will help you.**

**Now click the **Continue** button and continue working.**

The test administrator ensures that students who complete the test before the scheduled testing time is over, click the second **End Test** button to close the test. A stop sign will appear on the student's screen after the **End Test** button has been clicked, and the test has been closed. Click the **Exit** button on the stop sign screen to close the test.

To assist students with budgeting time, the test administrator records the following on the board for all students to see:

Start Time: _____	(Record the start time after the break.)
Work Time: <u>+40</u>	(Add forty minutes.)
Break Time: _____	(Record the time for the second break.)

After the appropriate time has elapsed, the test administrator reads the following to announce the second break.

**SAY: Stop working. You will take a three-minute break. Click the **Pause** button at the bottom of your screen.**

The test administrator ensures each student has clicked the **Pause** button, and the online test questions are not visible on devices.

**SAY: You may stand beside your desk and stretch or just relax, but you cannot talk during the break.**

After three minutes, the test administrator continues.

**SAY: The break has now ended. Return to your seats.**

**Some of you may finish the test early. If you do, raise your hand and I will help you. If you need additional time to complete the test when this testing session ends, time will be provided.**

SAY: **Now click the **Continue** button and continue working.**

The test administrator ensures that students who complete the test before the scheduled testing time is over, click the second **End Test** button to close the test. A stop sign will appear on the student's screen after the **End Test** button has been clicked, and the test has been closed. Click the **Exit** button on the stop sign screen to close the test.

To assist students with budgeting time, the test administrator records the following on the board for all students to see:

Start Time: _____ (Record the start time after the break.)
Work Time: <u>+40</u> (Add forty minutes.)
End Time: _____ (Record the end time for the standard test administration.)

After the appropriate time has elapsed, the test administrator continues.

SAY: **Stop working and sit quietly. If you have not finished the test and need additional time, click the **Pause** button at the bottom of your screen and raise your hand.**

As long as students are engaged and working, they can be provided up to the maximum time allowed to complete the test. However, no administration of the test may exceed the maximum time allowed (except for students with documented accommodations, such as *Scheduled Extended Time*).

The test administrator makes note of students who need additional time and ensures their **Pause** buttons have been clicked.

Read if students raised their hands:

SAY: **Those of you who raised your hand may lower it at this time. Please wait quietly until I give you further instructions.**

The test administrator continues by following the appropriate directions (i.e., Option 1, Option 2, Option 3).

- Option 1: *Read if Testing is Complete for All Students*
- Option 2: *Read if the Test Session has a Combination of Students Who are Finished Testing and Students Who Need Additional Time*
- Option 3: *Read if All Students Need Additional Time*

**Option 1: Read if Testing is Complete for All Students**

**SAY: If you are finished testing and have not done so, click the **Review** button on your screen. Now, click the **End Test** button. A caution box will pop up on your screen. Click the second **End Test** button and then click **Exit**. I will collect any remaining test materials.**

The test administrator ensures students have ended their test session, collects remaining test materials, and continues reading the script.

**SAY: Please remember teachers are not allowed to discuss questions from the test with you, and you are not allowed to discuss with others any of the test questions or information contained within the test or to write about them on the internet or on social media.**

**You have completed the science end-of-grade test.**

Students are dismissed according to procedures developed for the school by the principal or school test coordinator.

All secure test materials (including supplemental materials) are counted and returned to the school test coordinator. The school test coordinator and test administrator verify that the count of test materials returned matches the count taken when the materials were first received.

Report to the school test coordinator or principal any irregularities that occurred during testing.

**Option 2: Read if the Test Session has a Combination of Students Who are Finished Testing and Students Who Need Additional Time**

**SAY: If you are finished testing and have not done so, click the Review button on your screen. Now, click the End Test button. A caution box will pop up on your screen. Click the second End Test button and then click Exit. I will collect your test materials.**

The test administrator ensures students have ended their test session, collects remaining test materials, and continues.

**SAY: Please remember teachers are not allowed to discuss questions from the test with you, and you are not allowed to discuss with others any of the test questions or information contained within the test or to write about them on the internet or on social media.**

**You have completed the science end-of-grade test.**

The test administrator follows local procedures to dismiss students who have finished testing and relocate students who need additional time, as appropriate.

When ready, the test administrator continues.

**SAY: We will begin by taking a three-minute break. You may stand beside your desk and stretch or just relax, but you cannot talk during the break.**

After three minutes, the test administrator continues.

**SAY: The break has now ended. Return to your seats. You have sixty minutes to complete the test. During the testing time, you will take a three-minute break. I will tell you when it is time for the break.**

**If you finish before the break, raise your hand, and I will help you. Now click the Continue button and continue working.**

To assist students with budgeting time, the test administrator records the following on the board for all students to see:

Start Time:	<u>      </u>	(Record the start time after the break.)
Work Time:	<u>  +40  </u>	(Add forty minutes.)
Break Time:	<u>      </u>	(Record the time for the final break.)

After forty minutes the test administrator announces the final break.

**SAY: Stop working. You will take a three-minute break. Click the **Pause** button at the bottom of your screen. You may stand beside your desk and stretch or just relax, but you cannot talk during the break.**

After three minutes, the test administrator continues.

**SAY: The break has now ended. Return to your seats. You have twenty minutes to complete the test. When you finish, raise your hand and I will help you.**

**Now click the **Continue** button and continue working.**

To assist students with budgeting time, the test administrator records the following on the board for all students to see:

Start Time:	_____	(Record the start time after the break.)
Work Time:	<u>  +15  </u>	(Add fifteen minutes.)
Five-Minute Warning Time:	_____	(Record the five-minute warning time.)
Add Five Minutes:	<u>  +5  </u>	(Add five minutes.)
End Time:	_____	(Record the end time for the test administration.)

After fifteen minutes, the test administrator continues.

**SAY: You have five minutes remaining in this testing session.**

After five minutes, the test administrator reads to announce the end of the testing session:

**SAY: Stop working. This is the end of the testing session. Click the **Review** button on your screen. Now, click the **End Test** button. A caution box will pop up on your screen. Click the second **End Test** button and then click **Exit**.**

The test administrator ensures that students click the second **End Test** button to close the test. A stop sign will appear on the student's screen after the **End Test** button has been clicked, and the test has been closed. Click the **Exit** button on the stop sign screen to close the test.

When ready, the test administrator continues.

**SAY: I will now collect your test materials.**

The test administrator collects all test materials and then continues.

**SAY: Please remember teachers are not allowed to discuss questions from the test with you, and you are not allowed to discuss with others any of the test questions or information contained within the test or to write about them on the internet or on social media.**

**You have completed the science end-of-grade test.**

Students are dismissed according to procedures developed for the school by the principal or school test coordinator.

All secure test materials (including supplemental materials) are counted and returned to the school test coordinator. The school test coordinator and test administrator verify that the count of test materials returned matches the count taken when the materials were first received.

Report to the school test coordinator or principal any irregularities that occurred during testing.

<b>Option 3: Read if All Students Need Additional Time</b>
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**SAY: We will begin by taking a three-minute break. You may stand beside your desk and stretch or just relax, but you cannot talk during the break.**

After three minutes, the test administrator continues.

**SAY: The break has now ended. Return to your seats. You have sixty minutes to complete the test. During the testing time, you will take a three-minute break. I will tell you when it is time for the break.**

**If you finish before the break, raise your hand, and I will help you. Now click the **Continue** button and continue working.**

To assist students with budgeting time, the test administrator records the following on the board for all students to see:

Start Time:	_____	(Record the start time after the break.)
Work Time:	<u>+40</u>	(Add forty minutes.)
Break Time:	_____	(Record the time for the final break.)

After forty minutes the test administrator announces the final break.

**SAY: Stop working. You will take a three-minute break. Click the **Pause** button at the bottom of your screen. You may stand beside your desk and stretch or just relax, but you cannot talk during the break.**

After three minutes, the test administrator continues.

**SAY: The break has now ended. Return to your seats. You have twenty minutes to complete the test. When you finish, raise your hand and I will help you. Now click the **Continue** button and continue working.**

To assist students with budgeting time, the test administrator records the following on the board for all students to see:

Start Time:	_____	(Record the start time after the break.)
Work Time:	<u>+15</u>	(Add fifteen minutes.)
Five-Minute Warning Time:	_____	(Record the five-minute warning time.)
Add Five Minutes:	<u>+5</u>	(Add five minutes.)
End Time:	_____	(Record the end time for the test administration.)

After fifteen minutes, the test administrator continues.

**SAY: You have five minutes remaining in this testing session.**

After five minutes, the test administrator reads to announce the end of the testing session:

**SAY: Stop working. This is the end of the testing session. Click the **Review** button on your screen. Now, click the **End Test** button. A caution box will pop up on your screen. Click the second **End Test** button and then click **Exit**.**

The test administrator ensures that students click the second **End Test** button to close the test. A stop sign will appear on the student's screen after the **End Test** button has been clicked, and the test has been closed. Click the **Exit** button on the stop sign screen to close the test.

When ready, the test administrator continues.

**SAY: I will now collect your test materials.**

The test administrator collects all test materials and then continues.

**SAY: Please remember teachers are not allowed to discuss questions from the test with you, and you are not allowed to discuss with others any of the test questions or information contained within the test or to write about them on the internet or on social media.**

**You have completed the science end-of-grade test.**

Students are dismissed according to procedures developed for the school by the principal or school test coordinator.

All secure test materials (including supplemental materials) are counted and returned to the school test coordinator. The school test coordinator and test administrator verify that the count of test materials returned matches the count taken when the materials were first received.

Report to the school test coordinator or principal any irregularities that occurred during testing.

## After Testing

At the end of the testing session, the test administrator reviews the following to ensure all tasks have been completed as specified in this guide.

### Count, Return, and Secure All Test Materials

Test administrators follow local procedures for the return of all test materials to the school test coordinator immediately after each test administration.

Additionally, immediately following the completion of the test administration, the test administrator or principal's designee must:

- purge or delete saved or cached test information on any network appliance (e.g., server) or device, and
- clear the calculator memory and all applications (including preloaded) of all handheld calculators, including students' personal calculators, used during the test administration.

### Report Testing Irregularities

On the day of the occurrence, document and report any testing irregularities to the school test coordinator who will ensure the irregularities are submitted in the OTISS.

### Complete the *Review of Accommodations Used During Testing Form*

The test administrator completes the [Review of Accommodations Used During Testing Form](#) for each student who received accommodations during the test administration.

The test administrator uses the form to:

- indicate if the accommodation was provided to the student during testing.
- describe how the accommodation was provided to the student.
- record if the student used the accommodation.
- explain how the accommodation was used.

Completed forms are returned to the school test coordinator to be kept with the students' IEP, Section 504 Plan, EL Plan, or transitory impairment documentation to ensure they are accessible for future reference.

### Complete Accommodations Used during Testing in NCTest Admin

To complete the entry of accommodations used by students during testing, test administrators or other designated school personnel may receive confidential lists from the appropriate school personnel.

Following the test administration for all students requiring accommodations, test administrators or other designated school personnel complete the accommodation information using the Accommodations tab in [NCTest Admin](#) on test day by 7:00 p.m. The school test coordinator should be contacted if there are questions while entering this information.

### **Complete Special Codes in NCTest Admin**

Designated school personnel complete the special codes in NCTest Admin under the Special Codes tab on test day by 7:00 p.m. Students without a coded reason for blank responses to test questions will receive the lowest possible score.

- **Absent from Makeup**

- If a student is absent from both the initial test administration and the makeup test administration, the Absent from Makeup special code may be selected.

# **End-of-Grade Reading Grade 3 Retest**

## End-of-Grade Reading Grade 3 Retest Administration

### Purpose of the End-of-Grade (EOG) Reading Grade 3 Retest

[General Statute §115C-83.7\(a\)](#) states that the State Board of Education (SBE) “shall require that a student be retained in the third grade if the student fails to demonstrate reading proficiency appropriate for a third-grade student as demonstrated on a State-approved standardized test of reading comprehension administered to third-grade students” (i.e., EOG test of reading comprehension). “The test may be readministered once prior to the end of the school year.”

### Retesting Options

Students who were nonproficient on the initial EOG Reading Grade 3 Test may retake the test during the last ten days of the school year or as part of a summer program.

### Test Materials

- Refer to the [Receive Required Testing Materials](#) subsection of this guide for test materials required for the EOG Reading Grade 3 Retest.
- Use the [Online Reading Test Administration Directions](#) provided in this test administration guide when administering the online EOG Reading Grade 3 Retest.
- Select the Reading Grade 3 Retest course in NCTest.

### Administration Procedures for the EOG Reading Grade 3 Retest

For the EOG Reading Grade 3 Retest, test administrators must adhere to the [Testing Code of Ethics](#) and follow the standardized test administration procedures located in this test administration guide for the general administration of the EOG reading test. PSUs follow procedures established by the Annual Testing Program to produce valid results for the retests.

### Reporting Testing Violations or Irregularities

PSUs must ensure all procedures in the *Online Testing Irregularity Submission System* (OTISS) are followed to document and report any violations that occur during the retest. Report any irregularities in the OTISS under “EOG Reading.”

### Complete the Student Interface Questions (SIQs)

On days before the retest administration, if designated to do so by the school test coordinator, the test administrator reviews and possibly edits the SIQ for students. The test administrator or principal’s designee must refer to the *Student Interface Questions* (SIQs) subsection of this test administration guide for the procedures to complete the SIQ.

### Accommodations and Special Codes

The test administrator or principal’s designee must follow the procedures located in this test administration guide for entering accommodations and special codes for the retest administrations.

# Appendixes

## Appendix A: Testing Violations, Irregularities and Misadministrations

The use of the following items in the testing room may constitute a misadministration, an irregularity, or violation of the [Testing Code of Ethics](#). On days before testing, teachers are expected to announce to students which items cannot be accessed in the testing room.

- **Electronic devices.** Students are not allowed to use or have in their possession cell phones or any other electronic recording, listening, scanning, communication, or photographic devices at any time during testing, including breaks. Any student found or observed with a cell phone or electronic device during testing time must be dismissed from testing and a misadministration declared for that student.
  - If a student must be removed from testing because he or she has a cell phone or electronic device during testing, the test administrator must not leave the testing room unattended but must notify the school test coordinator so that the student can be removed from the testing room in the least disruptive manner possible.
  - Before testing begins, test administrators and proctors must turn off their personal cell phones and electronic devices and ensure these devices are neither used nor visible during testing, including breaks.
- **Personal belongings.** Personal belongings are allowed in the testing room. However, students must not be permitted to access them at any time during testing, including breaks.
  - Students who complete the test before the scheduled time is over and will remain in the testing room shall be provided with the opportunity to read novels or any other reading materials that are not a textbook or contain instructional content (e.g., magazines) while waiting for other students to finish the test.
  - For online tests, test administrators must ensure students have clicked the end test **End Test** button to close the test and collect all ancillary materials (e.g., used papers) before students can take out their reading materials.
  - For paper administrations, test administrators must collect student test books and all ancillary materials (e.g., used paper) before students can take out their reading materials.
- **Testing aids.** Books, bookmarks, multiplication tables, notes, number lines, cameras, cell phones, personal learning devices, personal computers (if not used for testing), smart glasses, smart pens, smartwatches, or anything not approved by the Annual Testing Program are prohibited during the administration of any test. Students are not permitted to use electronic reading devices while there are students still testing in the same room.

Test administrators must remain attentive to their testing responsibilities throughout the entire test administration. Reading (except for the test administration guide or supplemental testing policy information); grading papers; using a computer, cell phone, or other electronic device; talking casually with a proctor or other staff; or engaging in any activity in the testing room not related to the test administration is not allowed.

Details regarding what constitutes a misadministration, irregularity, or violation of the [Testing Code of Ethics](#) and information concerning how to report incidents should be

discussed during training. Test administrators must report any alleged testing violation or testing irregularity to the school test coordinator on the day of the occurrence. Examples of testing irregularities include, but are not limited to, the following:

#### Eligibility

- Eligible students not tested
- Ineligible students tested

#### Accommodation

- Approved accommodation not provided
- Approved accommodation not provided appropriately
- Accommodation provided but not approved or documented
- Accommodation/Designated Feature *Test Read Aloud (in English)* or *Interpreter/Transliterater Signs/Cues Test* provided during a test that measures reading skills (e.g., end-of-course English II, end-of-grade reading)

#### Security

- Students accessed or used a prohibited electronic device during testing
- Staff accessed or used a prohibited electronic device during testing
- Allowing staff access to a test who do not have a verified need (e.g., *Test Read Aloud [in English]* accommodation)
- Allowing students access to secure test materials before the test administration
- Missing test materials
- Secure test materials not properly returned
- For online testing, failing to maintain security of NC Education username and password
- Failing to store secure test materials in a secure, locked facility.
- Failing to cover or remove bulletin board materials, classroom displays, or reference materials (printed or attached) on students' desks that provide information regarding test-taking strategies or content.
- Reproducing questions from secure test(s) in any manner or form
- Using questions from secure tests for instruction
- Failing to return the originally distributed number of test materials to designated school personnel
- Discussing with others any of the test questions or information contained in the tests, or writing about or posting them on the internet or on social media

#### Monitoring

- Failing to prevent students from cheating by copying, using cheat sheets, or asking for information
- Failing to prevent students from gaining an unfair advantage by using an electronic device
- Allowing students to remove secure materials from the testing site
- Failing to monitor students and secure test materials during breaks
- For online testing, leaving devices unsupervised when secure online tests are paused or open and visible

- Leaving the testing room unmonitored when students and secure materials are present

#### Procedural

- Paraphrasing, omitting, revising, interpreting, explaining, or rewriting the script, directions, or the test questions, including answer choices.
- Reading or tampering with (e.g., altering, changing, modifying, erasing, deleting, or scoring) student responses to the test questions
- Failing to administer tests on the approved date or during the testing window designated by the North Carolina General Assembly.
- Providing students with additional time beyond the designated time specified in this test administration guide (except for students requiring accommodations, such as *Scheduled Extended Time*)
- Test administrator or proctor giving improper assistance or providing instruction related to the concepts measured by the test before the test administration or during the test administration session

#### Technical

- Online test connectivity and technical problems
  - Schools must report online test connectivity and technical problems that occur during the administration of online tests only when students are unable to successfully complete the test. Reports do not need to be entered for students who successfully complete the test despite a technical issue.
- Online test questions did not display properly

## Appendix B: Calculator Use

When applicable, all students must have access to calculators that meet the minimum calculator requirements during the administration of required state tests. Students should use calculators that are routinely used during classroom instruction and on classroom tests during the school year when taking state tests. Students who routinely use more than one calculator during classroom activities may be permitted to use more than one calculator during the test administration. Students may use calculators on state tests with more than the minimum requirements (e.g., fraction keys, graphing capabilities), if those additional features are not prohibited. Schools are cautioned that the use of these features without prior training may confuse students and adversely affect their performance during a test administration.

An online calculator is available for students testing online. The online calculator meets the minimum calculator requirements for the specific test. Both a scientific calculator and a graphing calculator are available for grade 8 mathematics. A handheld calculator is not required for online test administrations; however, students who routinely use a handheld calculator during classroom instruction and on similar classroom tests or have not had enough practice using the online calculator, should be provided a handheld calculator during the test administration. A student may also require a handheld calculator for accessibility purposes, when appropriate.

The online calculators available during state testing can be found at the links provided below.

- four-function calculator <https://www.desmos.com/testing/northcarolina/fourfunction>
- scientific calculator [www.desmos.com/testing/northcarolina/scientific](https://www.desmos.com/testing/northcarolina/scientific)
- graphing calculator [www.desmos.com/testing/northcarolina/graphing](https://www.desmos.com/testing/northcarolina/graphing)
- calculator practice environment  
<https://data.ncsu.edu/nctest/Tutorial.html#StudentSignIn>

All online calculators are free to use and are accessible for students who are visually impaired and blind. For more information, visit [www.desmos.com/accessibility](https://www.desmos.com/accessibility).

**Calculator restrictions.** Students are not allowed to share calculators during test administrations, nor are they allowed to use calculators with the following functionalities:

- calculators with wireless communication technologies (e.g., Bluetooth, Infrared, Wi-Fi),
- calculators with built-in computer algebraic systems (CAS) capable of doing symbolic algebra (e.g., factoring, expanding, simplifying given variable output) or symbolic calculus,
- calculators built into cell phones or other electronic devices (Cell phones and electronic devices are not permitted during state test administrations.),
- calculators in pen input or stylus-driven devices (e.g., palm-based devices, tablets, laptops, notebooks, computers),
- calculators requiring access to an electrical outlet (except for students approved via an [Accommodation Request Form](#)),

- calculators that make noises of any kind that cannot be disabled (except for students approved via an *Accommodation Request Form*),
- calculators that use a QWERTY (typewriter-style) keyboard, or
- calculators that use paper tape.

Students requiring the use of a calculator via a handheld device (e.g., tablet, notebook computer) or laptop must be approved via an *Accommodation Request Form*. Pocket organizers with a calculator function are not permitted.

The following list includes calculators not permitted for use on required North Carolina state tests. The list is not all-inclusive. If the school test coordinator has a question about a calculator not included in this list they should contact their regional accountability office.

- Texas Instruments: All model numbers that begin with TI-89 or TI-92, Voyage 200, Nspire CAS (TI-Nspire CX CAS and TI-Nspire CAS with touchpad).
- Hewlett-Packard: HP 48GII and all models that begin with HP 40G, HP 49G, or HP 50G.
- Casio: Algebra fx 2.0, ClassPad 300, and all models that begin with CFX-9970G.
- Virtual calculators, downloaded calculators, and calculator apps.
- Calculators accessible by desktop, laptop, or other devices (e.g., iPad and Chromebook).

Texas Instruments TI-Nspire calculators without CAS are allowed only in the following two cases:

1. with the TI-84 Plus keypad, or
2. with the Nspire keypad using operating system 1.7 or higher with both “limit geometry functions” and “disable function grab and move” invoked in Press-to-Test mode.

NumWorks calculators are allowed if using operating system 22.2.0 or higher with “NC Exam Mode” enabled.

Before beginning and immediately following a test administration that requires calculator use, the test administrator or principal’s designee must clear the calculator memory and all applications (including preloaded) from all calculators that will be used during each administration of the test. Only the test administrator or principal’s designee is allowed to carry out this procedure. Procedures for clearing the calculator memory (including standard memory, ROM, and Flash ROM) that are appropriate for the specific calculator model(s) must be used. The test administrator or principal’s designee should use caution when clearing calculators because different calculators require specific procedures. In some cases, the calculator’s memory and applications are cleared or disabled and in others, they are permanently deleted.

Because the memory and all applications must be cleared and all data stored in the calculator erased, students who wish to use their own calculators must be advised before test day to back up all data and programs that they wish to save. After the test

administration, the test administrator or principal's designee should enable the memory and applications of the students' calculators.

Comprehensive clearing procedures for calculators most frequently used in the Annual Testing Program are provided for test administrators in each test administration guide. In addition, major calculator vendors have support teams who assist test administrators in clearing calculators. Vendor contact information can be obtained through the public school unit test coordinator.

Note: As curricula and technology change, the policy concerning calculator requirements on North Carolina tests will be reevaluated.

## Appendix B1: TI-84 CE Press-to-Test

### Using Press-to-Test

Use Press-to-Test to manage exams using TI graphing calculators in your classroom.

The teacher will tell you when to set your calculator in exam mode.

#### Setting Up Test Mode

1. Turn the calculator OFF.
2. Press and hold down the  $\blacktriangleright$ ,  $\blacktriangleleft$  and  $\text{on}$  keys, and then release.
3. The RESET OPTIONS screen displays.
4. To change the default settings, move the cursor over the desired setting and press [enter].

By default:

- ANGLE is set to DEGREE
  - STAT DIAGNOSTICS is set to ON
  - DISABLE logBASE and DISABLE  $\Sigma(\{$  are set to YES
  - DISABLE Numeric Solver is set to NO
5. Press **OK** to first validate any loaded TI Apps and then set up the exam mode. When validation and test mode setup is complete, the confirmation screen will display.



6. Press any key to place the calculator in test mode.

#### Note:

- The status bar is blue when in TEST MODE and TEST MODE ENABLED.
  - Pic & Image Vars are disabled.
  - All variables stored in RAM and in archived memory are deleted.
7. On the exam calculator, press  $\text{apps}$  to verify that applications are disabled. The following screen displays:

**Appendix B1: (continued)**



- On the exam calculator, press **prgm** to verify that programs have been disabled. The following screen displays:



- On the exam calculator, Pic and Image Vars are shown as disabled. The following screen displays:



- In memory management (**2nd** [mem], **2:Mem Management/Delete...**), disabled files will display with the not equal sign.



**Appendix B1: (continued)*****Bringing a Calculator Out of Test Mode***

You can re-enable all disabled calculator files by using one of the following methods:

- Link two TI-84 Plus CE graphing calculators using a unit-to-unit USB cable and then transfer a file by using **2nd** [link], **SEND RECEIVE**.
- Use TI Connect™ CE **Actions > Quit Exam Mode on Connected CE Calculators** to quit the exam mode on any connected CE calculator. You may also send a calculator file to the connected CE calculator to quit from exam mode.
- Use TI Connect™ CE to send a calculator file to the calculator.

To clear a calculator of files created during an exam:

1. Turn off the calculator while in test mode.
2. "Re-Press-to-Test" - press and hold down the **▶**, **◀**, and **on** keys, and then release.
3. Select **OK** when you see the Reset Verification Screen. The calculator is now "clean."

---

**Tip:** To preserve battery life, take your calculator out of Press-to-Test mode after the exam.

---

## Appendix B2: TI-84 Plus Family



TI-84 Plus family of graphing calculators

# Test preparation: Press-to-Test

Use this method when exams require calculator clearing but allow programs and applications (apps) to be disabled, rather than deleted. Calculator memory will be cleared. Access to programs and apps will be blocked. Programs and apps can be recovered after the exam.

*Press-to-Test will ensure that no user saved data, programs, applications or pictures are available during the exam.*

*Screens may vary slightly by model and Operating System (OS).*

### Before the exam – Put the calculator in Press-to-Test mode:

- 1) Ensure the calculator is turned off [2nd] [off].
- 2) Press and hold down [◀] [▶] and [on] keys simultaneously.
- 3) Release all three keys and the RESET OPTIONS screen will open.
- 4) Press OK (ZOOM) to enable your selections.
- 5) When the RESET COMPLETE screen appears, press any key to continue.



By default: ANGLE is set to DEGREE, STAT DIAGNOSTICS is set to ON, and

DISABLE logBASE and DISABLE  $\Sigma$ ( are set to YES. To change options, use ARROW keys to navigate to desired setting and press [ENTER].

- 6) To confirm Press-to-Test mode: Press [APPS] key; APPS HAVE BEEN DISABLED.



Press [PRGM] key; PROGRAMS HAVE BEEN DISABLED.



### After each exam – Reset Press-to-Test mode:

- 1) Turn off the calculator while in Press-to-Test mode [2nd] [off].
  - 2) Press and hold down [◀] [▶] and [on] keys simultaneously.
  - 3) When the RESET COMPLETE screen appears, press any key to continue.
- The calculator is now ready for the next test.



*If the handheld is in Press-to-Test mode and is to be used in subsequent exams, you can reset Press-to-Test to clear all data and files created during the previous exam.*

*If the calculator will not be used in subsequent exams, exiting Press-to-Test will return user access to any programs, applications, variables, or images that were stored on the calculator prior to testing.*

### After the exam – Exit Press-to-Test mode:

- 1) Connect the calculator to another TI-84 Plus family calculator with the I/O unit-to-unit cable or USB cable.
- 2) On the RECEIVING unit: Press [2nd] [LINK] to go to SEND RECEIVE screen. Press [▶] to highlight RECEIVE and Press [ENTER]. Calculator will show WAITING...
- 3) On the SENDING unit: Press [2nd] [LINK] to go to SEND RECEIVE screen. SEND will be highlighted. Select 4: LIST Press [ENTER] to select L1. Press [▶] to select TRANSMIT. Press [ENTER].
- 4) On the RECEIVING unit: Select 2: OVERWRITE. Press [ENTER]. DONE will appear on both screens; devices are restored and have full access to previous APPS and PROGRAMS.

## Appendix B2: (continued)



TI-84 Plus family of graphing calculators

### Test preparation: Clearing calculator memory and selected applications (apps)

This method is ideal for exams that require clearing calculator memory and programs prior to the exam and removing selected calculator applications (apps) that are not permitted. The following instructions give an overview of how to prepare TI-84 Plus family graphing calculators to meet these conditions.

**IMPORTANT:** These steps permanently delete apps and other data. Prior to proceeding, you may consider backing up your calculator using TI Connect™ or TI Connect™ CE computer software and restoring it afterwards. If preparing multiple calculators, back up at least one “master”. Visit [education.ti.com/software](http://education.ti.com/software) to download the free computer software and guidebook.

#### Before the exam: Clear all memory and delete prohibited apps

*Clearing calculator memory prior to the exam will ensure that no user-saved data is available during the exam.*

Memory on TI-84 Plus family calculators is stored in two places; RAM and ARCHIVE. Preparing calculators for exams using this method requires 3 steps.

##### Step 1: Clear RAM

This will delete programs that you may have stored, and all data in RAM memory:

- 1) Press **[2nd] [mem] 7: Reset**, to highlight the RAM menu
- 2) Select **1: All RAM...**
- 3) At the RESET RAM screen, select **2: Reset**
- 4) When complete, the display will show **RAM Cleared**

*Screens may vary slightly by model and Operating System (OS).*

*Models in the TI-84 Plus family include:  
TI-84 Plus  
TI-84 Plus Silver Edition  
TI-84 Plus C Silver Edition  
TI-84 Plus CE*



##### Step 2: Clear ARCHIVE

These steps will delete archived variables (vars) and archived programs, but not apps:

- 1) Press **[2nd] [mem] 7: Reset**, and press **[F1]** to highlight the ARCHIVE menu
- 2) Select **1: Vars...**
- 3) At the RESET ARC VARS screen, select **2: Reset**
- 4) When complete, the display will show **Arc Vars Cleared**



## Appendix B2: (continued)

### Before the exam: Clear all memory and delete prohibited apps (continued)

#### Step 3: Delete selected apps

- 1) Press **[2nd]** **[mem]** and select **2: Mem Management/Delete**
- 2) Select **A: Apps...**
- 3) Scroll to an App title you would like to delete, and press the **[del]** key
- 4) When prompted with "Are You Sure?", select **2: Yes**
- 5) Repeat steps 3 and 4 for each app you would like to delete.



### After each exam: Re-clear

*Resetting calculator memory after the exam ensures that information entered or saved during the exam is permanently deleted.*

This step is required by some exams.

- 1) Press **[2nd]** **[mem]** and select **7: Reset** to highlight the RAM menu
- 2) Select **1: All RAM...**
- 3) At the RESET RAM screen, select **2: Reset**
- 4) When complete, the display will show **RAM Cleared**



### Restoring apps that were deleted during calculator preparation

Restoring apps that were deleted during calculator preparation can be accomplished in multiple ways:

- 1) Link the apps from a comparable TI-84 Plus model via calculator-to-calculator linking.
- 2) Send the app files from a computer using TI Connect™ and a computer-to-calculator USB cable.
- 3) Restore the calculator using a backup file (if one was created prior to calculator preparation).

If you have questions or need assistance, contact **800-TI-CARES (800.842.2737)**, [ti-cares@ti.com](mailto:ti-cares@ti.com) or chat through online service at <http://support.education.ti.com>

## Appendix B3: TI-83 Plus Family



TI-83 Plus graphing calculators

# Test preparation: Resetting all memory

Use this method when exams require clearing all calculator memory. Clearing all memory deletes all programs and deletes all calculator applications (apps).

**IMPORTANT:** Resetting all memory permanently deletes all applications (apps) from the calculator. Back up your TI-83 Plus to a computer before resetting so they can be restored after the exam.\* (Note: The Finance app is built-in functionality and will remain in place after a reset.)

### Resetting all memory

#### Before the exam

Resetting all memory prior to exams will ensure that no user saved information is available during the exam.

#### After each exam

Repeating all of the steps will reset all memory again and ensure that any information entered or saved during the exam is permanently deleted.

\* Use I1-Connect™ software to back up your TI-83 Plus graphing calculator prior to preparing it for an exam (resetting all memory) and to restore applications after the exam.

Screens may vary slightly by model and Operating System (OS).

- 1) Press **2nd** **[mem]** to display the MEMORY menu. 4) Select **2: Reset** to erase all data and programs.

```
MEMORY
1:About
2:Mem Mgmt/Del...
3:Clear Entries
4:ClrAllLists
5:Archive
6:UnArchive
7:Reset...
```

Factory defaults are reset.

```
RESET MEMORY
1:No
2:Reset
Resetting ALL
will delete all
data, programs &
Apps from RAM &
Archive.
```

- 2) Select **7: Reset** to display the RESET menu.

```
RAM ARCHIVE ALL
1:All RAM...
2:Defaults...
```

**Mem cleared** is displayed on the screen to confirm all non-system variables and programs have been deleted.

```
TI-83 Plus
1.19

Mem cleared
```

- 3) Press **▶** **[▶]** and select **1: All Memory**

```
RAM ARCHIVE ALL
1:All Memory...
```

If you have questions or need assistance, contact **800-TI-CARES (800.842.2737)**, [ti-cares@ti.com](mailto:ti-cares@ti.com) or chat through online service at <http://support.education.ti.com>

## Appendix B4: TI-NSpire Handhelds



TI-Nspire™ handhelds

# Test preparation: Press-to-Test

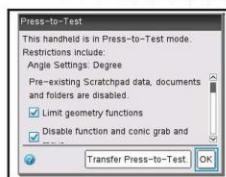
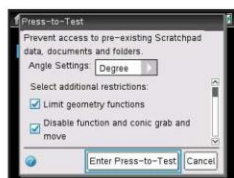
Use this method when exams require calculator clearing but allow documents and programs to be disabled, rather than deleted. This method also allows the option of disabling selected built-in functionality. Documents and programs can be recovered after the exam.

*Enabling Press-to-Test will block access during the exam to pre-existing programs, documents, files, applications, data and pictures.*

*Screens may vary slightly by model and Operating System (OS).*

### Before the exam – Put the calculator in Press-to-Test mode:

- 1) Ensure the handheld is turned off. Press **[ctrl]** **[off]** keys.
- 2) Press and hold down **[esc]** and **[on]** keys simultaneously until Press-to-Test screen is displayed.
- 3) Select restrictions: By default, all restrictions are selected. To change default restrictions, use arrow keys or **[tab]** key to scroll through list of restrictions. When a restriction is highlighted, press **[F5]** to deselect the restriction. (Do not press the **[enter]** key.) To deselect all restrictions press **[ctrl]** **[A]** keys.
- 4) Enable Press-to-Test by pressing **[tab]** to select **Enter Press-to-Test** then pressing **[enter]**.
- 5) The handheld will reboot and confirm restrictions. Select **OK** to continue to home screen.



- 6) When Press-to-Test is enabled, a lock icon will display in the upper right corner of the home screen.

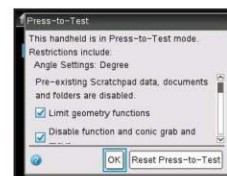


An LED near the handheld's mini USB port will:

- » Flash green to indicate all restrictions (default) are selected.
- » Flash amber to indicate one or more restrictions were disabled.

### After each exam – Reset Press-to-Test mode:

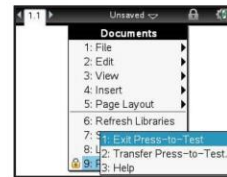
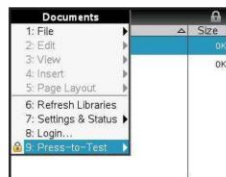
- 1) Ensure the handheld is turned off Press **[ctrl]** **[off]** keys.
- 2) Press and hold down **[esc]** and **[on]** keys simultaneously until Press-to-Test screen is displayed.
- 3) Select **Reset Press-to-Test** and then **OK**.



*If the handheld is in Press-to-Test mode and is to be used in subsequent exams, you can reset Press-to-Test to clear all data and files created during the previous exam.*

### After the exam – Exit Press-to-Test mode:

- 1) Connect the handheld to another TI-Nspire™ handheld using the USB unit-to-unit cable.
- 2) Press **[on]** for HOME screen. Press **[2]** to select **My Documents**
- 3) Press **[docv]** and select **9: Press-to-Test**. Press **[ENTER]**.
- 4) Select **1: Exit Press-to-Test** Press **[ENTER]**.



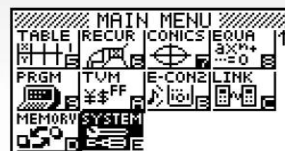
The handheld will reboot out of Press-to-Test mode

*If the calculator will not be used in subsequent exams, exiting Press-to-Test restores system settings and files that were restricted and clears all data and files created while in Press-to-Test mode.*

## Appendix B5: Casio fx-9750GII

### Resetting the CASIO *fx-9750GII* for testing purposes

- From the Main Menu, highlight the SYSTEM icon and press **EXE** or press **COS**.
- Press **F5** (RSET) to reset the memory. If your screen does not match the one shown, press **EXIT** until it does.
- Select **F2** (MAIN) to reset the main memories, for testing purposes.
- Press **F1** (Yes) to reset the memory on the calculator.
- Press **EXIT** when the calculator is complete.
- To return to the Main Menu, press **MENU**.



**CASIO**

**Simply Calculate The Difference!**

## Appendix B6: Casio fx-9860GII

### Resetting the CASIO fx-9860GII for testing purposes

*This will delete all RAM, Archive Memory, Programs, List and Spreadsheet Data (resetting the calculator to factory default), which meets the reset requirements for standardized testing.*

- From the Main Menu, highlight the SYSTEM icon and press **EXE** or press **α**.
- Press **F5** (RSET) to reset the memory. If your screen does not match the one shown, press **EXIT** until it does.
- Select **F2** (MAIN) to reset the main memories.
- Press **F1** (Yes) to reset the memory on the calculator.
- Press **EXIT** when the calculator is complete.
- To return to the Main Menu, press **MENU**.



#### To Disable Add-in Applications, if necessary:

*This will disable the Geometry functionality.*

- From the Main Menu, highlight the SYSTEM icon and press **EXE** or press **α**.



# CASIO®

**Simply Calculate The Difference!**

**Appendix B6: (continued)**

2. Press **F5** (RESET) to reset the memory. If your screen does not match the one shown, press **EXIT** until it does.
3. Select **F3** (Add-In) to disable Add-In Applications.  
 Select **F4** (STRGMEM) to delete storage memory data.  
 Select **F5** (A&S) to disable Add-In Applications and delete storage memory data.



**To Restore Add-in Applications, Programs and List and Spreadsheet Data:**

1. Using an I/O unit-to-unit cable (which comes with the fx-9860GII models), connect together the two graphing calculators- at least one of the two units must be “temporarily disabled”.
2. On both calculators, from the Main Menu, highlight the LINK icon and press **EXE** or press **COS**.
3. Press **F4** (CABLE) to select the type of cable.
4. Select **F2** (3PIN) as the cable type.



*Simply* Calculate The Difference!

**Appendix B6: (continued)**

- On the receiving calculator, press **F2** (RECV) to set up the calculator to receive data.

The calculator is now ready to receive data.

- On the sending calculator, press **F1** (TRANSMIT) to set up the calculator to transmit data.

Press **F1** (MAIN) to send data from the Main Memory.

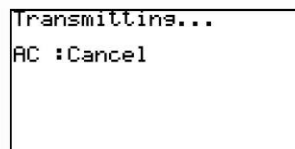
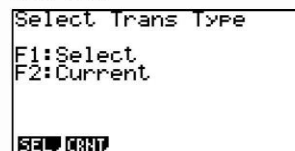
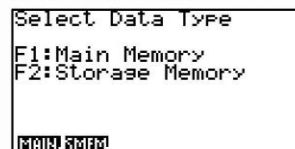
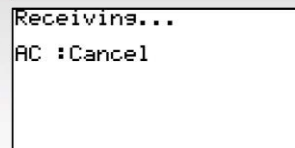
Press **F1** (SELECT) to select what data to send.

Press **F1** (SELECT) to select specific data to send.

Press **F2** (ALL) to select all data.

Once the data has been selected, press **F6** (TRANSMIT) to transmit the selected data.

Press **F1** (Yes) to transmit the data.



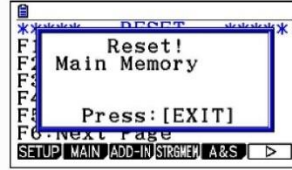
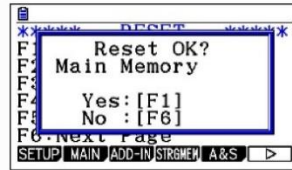
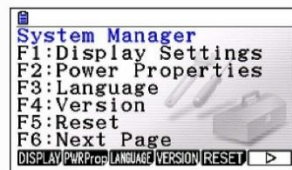
**Simply Calculate The Difference!**

**Appendix B7: Casio PRIZM/fx-CG10**

**Resetting the CASIO PRIZM/fx-CG10 for testing purposes**

*This will delete all RAM, Archive Memory, Programs, List and Spreadsheet Data (resetting the calculator to factory default), which meets the reset requirements for standardized testing.*

- From the Main Menu, highlight the SYSTEM icon and press **EXE** or press **α/Σ**.
- Press **F5** (RESET) to reset the memory. If your screen does not match the one shown, press **EXIT** until it does.
- Select **F2** (MAIN) to reset the main memories.
- Press **F1** (Yes) to reset the memory on the calculator.
- Press **EXIT** when the calculator is complete.
- To return to the Main Menu, press **MENU**.



**To Disable Add-in Applications, if necessary:**

*This will disable the Geometry and Picture Plot functionalities.*

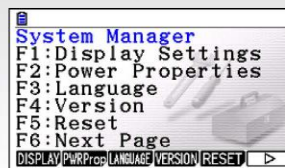
- From the Main Menu, highlight the SYSTEM icon and press **EXE** or press **α/Σ**.



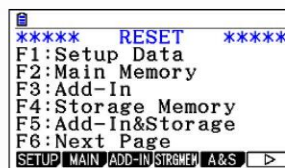
**Simply Calculate The Difference!**

**Appendix B7: (continued)**

2. Press **F5** (RESET) to reset the memory. If your screen does not match the one shown, press **EXIT** until it does.



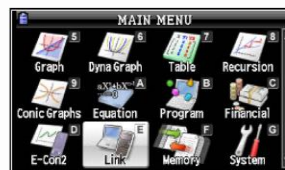
3. Select **F3** (Add-In) to disable Add-In Applications.  
 Select **F4** (STRGMEM) to delete storage memory data.  
 Select **F5** (A&S) to disable Add-In Applications and delete storage memory data.



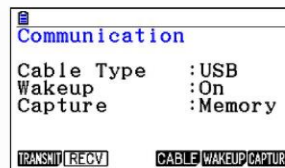
**To Restore Add-in Applications, Programs and List and Spreadsheet Data:**

1. Using an I/O unit-to-unit cable (which comes with the PRIZM/fx-CG10 models), connect together the two graphing calculators- at least one of the two units must be “temporarily disabled”.

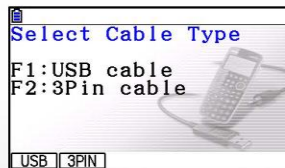
2. On both calculators, from the Main Menu, highlight the LINK icon and press **EXE** or press **COS**.



3. Press **F4** (CABLE) to select the type of cable.



4. Select **F2** (3PIN) as the cable type.



**Simply Calculate The Difference!**

**Appendix B7: (continued)**

- On the receiving calculator, press **F2** (RECV) to set up the calculator to receive data.

The calculator is now ready to receive data.

- On the sending calculator, press **F1** (TRANSMIT) to set up the calculator to transmit data.

Press **F1** (MAIN) to send data from the Main Memory.

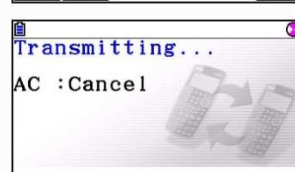
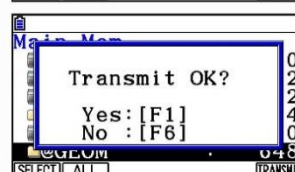
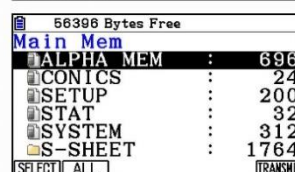
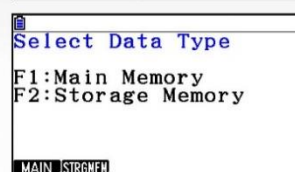
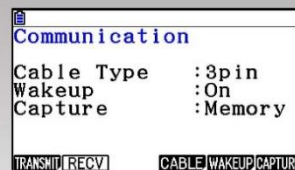
Press **F1** (SELECT) to select what data to send.

Press **F1** (SELECT) to select specific data to send.

Press **F2** (ALL) to select all data.

Once the data has been selected, press **F6** (TRANSMIT) to transmit the selected data.

Press **F1** (Yes) to transmit the data.



**Simply Calculate The Difference!**

**Appendix B8: Casio PRIZM Exam Mode**

- 5. On the receiving calculator, press **F2** (RECV) to set up the calculator to receive data.

The calculator is now ready to receive data.

- 6. On the sending calculator, press **F1** (TRANSMIT) to set up the calculator to transmit data.

Press **F1** (MAIN) to send data from the Main Memory.

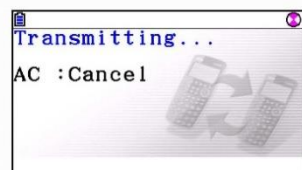
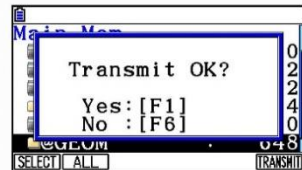
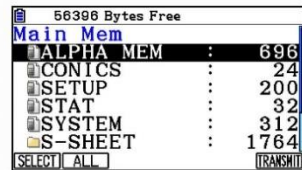
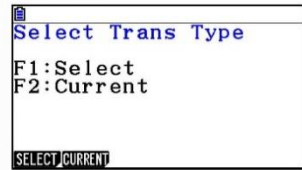
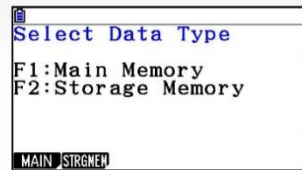
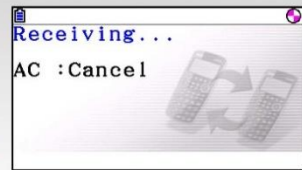
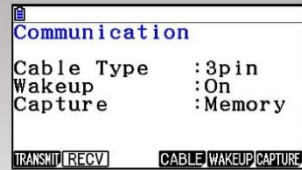
Press **F1** (SELECT) to select what data to send.

Press **F1** (SELECT) to select specific data to send.

Press **F2** (ALL) to select all data.

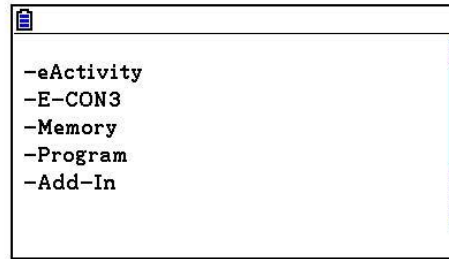
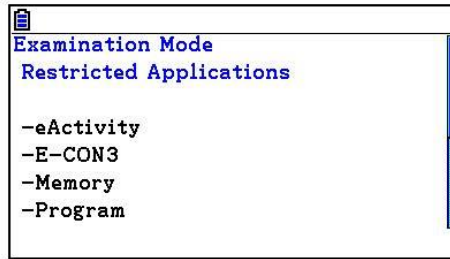
Once the data has been selected, press **F6** (TRANSMIT) to transmit the selected data.

Press **F1** (Yes) to transmit the data.

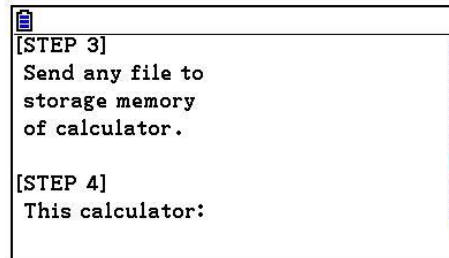
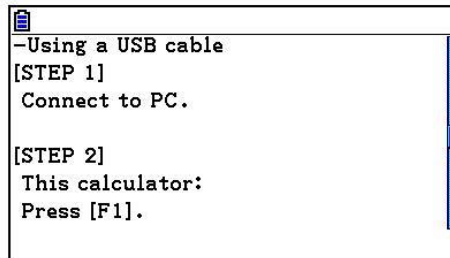
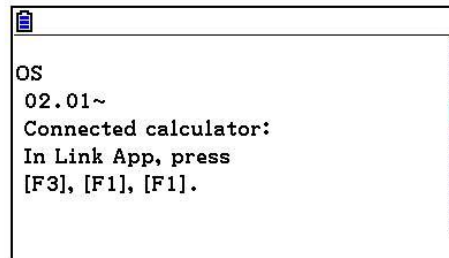
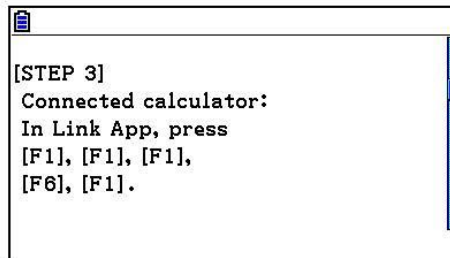
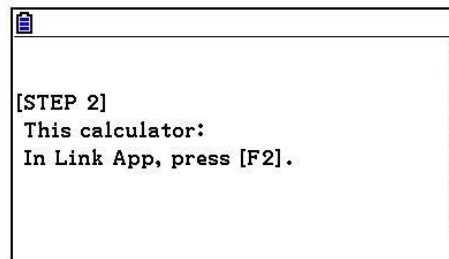
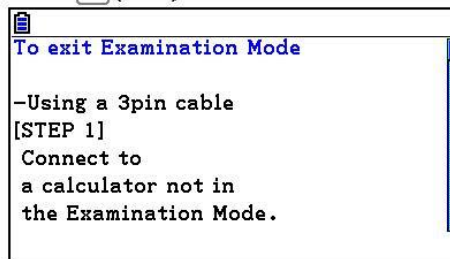


*Simply Calculate The Difference!*

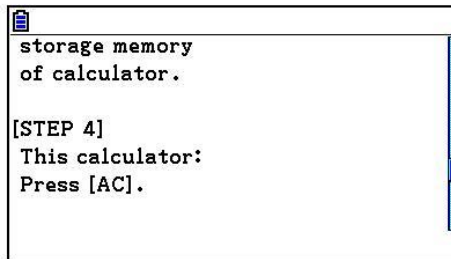
**Appendix B8: (continued)**



5. Press **[F4]** (EXIT) for all of the instructions on how to exit Examination Mode.

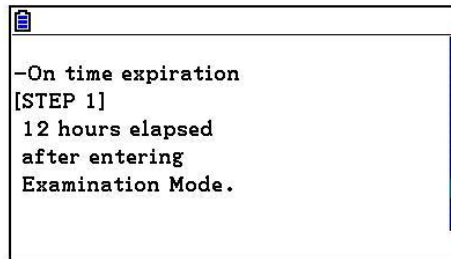


**Appendix B8: (continued)**

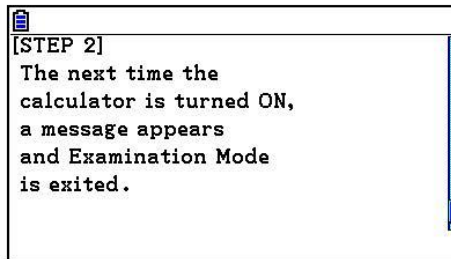


storage memory  
of calculator .

[STEP 4]  
This calculator:  
Press [AC].



-On time expiration  
[STEP 1]  
12 hours elapsed  
after entering  
Examination Mode.



[STEP 2]  
The next time the  
calculator is turned ON,  
a message appears  
and Examination Mode  
is exited.

# Appendix B9: NumWorks

## NUMWORKS

### NumWorks NC Exam Mode

Note: the operating system must be greater than or equal to 22.2.0

NumWorks has a special mode that students and teachers can initiate to prepare a calculator for testing in North Carolina. This feature is called “NC exam mode”. This feature temporarily disables specific applications and features. It also clears all memory, data, and unofficial applications.

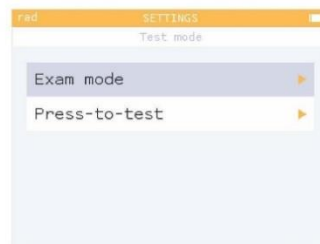
#### Before testing - Enabling NC exam mode



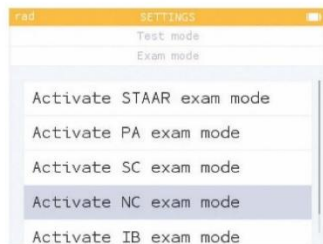
1. Navigate to the last application, Settings.



2. Navigate down and press the right arrow or OK to enter Test mode.




3. Select Exam mode.



4. Press OK on “Activate NC exam mode”.



5. Select Confirm to clear your calculator and deactivate the necessary features.

Good to know: The “NC ” symbol appears on the screen when exam mode is active.



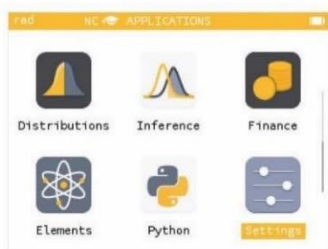
**Appendix B9: (continued)**

**NUMWORKS**

# NumWorks NC Exam Mode

Note: the operating system must be greater than or equal to 22.2.0

After each test - Reset



1. Go back to Settings.



2. Go all the way down to Reset the calculator



3. A warning message appears, select Confirm.

After testing - Exit NC exam mode



1. Plug the calculator into a computer.



2. A warning message appears, select Confirm.

numworks.com

## Appendix C: Testing Code of Ethics

### Introduction to the *Testing Code of Ethics*

In North Carolina, standardized testing is an integral part of the educational experience of all students. When properly administered and interpreted, test results provide an independent, uniform source of reliable and valid information, which enables:

- *students* to know the extent to which they have mastered expected knowledge and skills and how they compare to others,
- *parents and legal guardians* to know if their children are acquiring the knowledge and skills needed to succeed in a highly competitive job market,
- *teachers* to know if their students have mastered grade or course-level knowledge and skills in the curriculum, and if not, what weaknesses need to be addressed,
- *community leaders and lawmakers* to know if students in North Carolina schools are improving their performance over time and how the students compare with students from other states or the nation; and
- *citizens* to assess the performance of the public schools.

In order to achieve those objectives, teachers and administrators must conduct testing in a fair and ethical manner, which includes:

#### *Security*

- assuring adequate security of the testing materials before, during, and after testing and during scoring
- assuring student confidentiality

#### *Preparation*

- teaching the tested curriculum and test-preparation skills
- training staff in appropriate testing practices and procedures
- providing an appropriate atmosphere

#### *Administration*

- developing a local policy for the implementation of fair and ethical testing practices and for resolving questions concerning those practices
- assuring all students who should be tested are tested
- utilizing tests which are developmentally appropriate
- utilizing tests only for the purposes for which they were designed

#### *Scoring, Analysis, and Reporting*

- interpreting test results to the appropriate audience
- providing adequate data analyses to guide curriculum implementation and improvement

Standardized test scores are only one of the many indicators of how well the student is learning. Test scores should be used in conjunction with all other available information about a student to understand student progress and improve student learning. When administering tests, school administrators and teachers must comply with applicable statutes, rules, and policies. In particular, administrators and teachers must comply with the *Testing Code of Ethics* ([16 N.C. Admin. Code 6D .0311](#)), which is printed on the following pages.

**16 NCAC 06D .0311 TESTING CODE OF ETHICS**

- (a) This Rule shall apply to all public school unit (PSU) employees or agents while they are administering the Annual Testing Program defined in Rule .0307(c) of this Section.
- (b) The PSU shall develop local policies and procedures to ensure maximum test security in coordination with the policies and procedures developed by the test publisher.
- (c) The PSU shall require all testing coordinators, school test coordinators, test administrators and proctors to be trained as required in Rule .0308 of this Section.
- (d) The PSU shall designate the personnel who are authorized to have access to secure test materials. "Access" to test materials by school personnel means handling the materials but does not include reviewing tests or analyzing test items.
  - (1) Persons who have access to secure test materials shall not use those materials for any purpose other than test administration.
  - (2) No person shall copy, reproduce, or paraphrase the test materials without the express written consent of the test publisher.
- (e) The principal shall store test materials in a locked facility to which only the principal has access. The principal shall not allow anyone access to the test materials except as necessary for administration.
- (f) When PSU personnel discover loss of materials, failure to account for materials, or any evidence of unauthorized access to the materials, they shall report the discovery without delay to the principal, school test coordinator, school system (LEA) test coordinator, or charter school director.
- (g) PSUs shall ensure that test coordinators:
  - (1) plan and implement training for school test coordinators, test administrators, and proctors;
  - (2) ensure each school test coordinator and test administrator is trained in accordance with Rule .0308 of this Section; and
  - (3) in conjunction with program administrators, ensure test accommodations to students entitled to testing accommodations as defined in 16 NCAC 06G .0315; are documented and provided.
- (h) The principal or the principal's designee shall serve as school test coordinator.
- (i) The principal shall ensure the school test coordinator maintains test security and accountability of test materials, including taking the following actions:
  - (1) before each test administration, the school test coordinator shall count and distribute test materials;
  - (2) after each test administration, the school test coordinator shall without delay collect, count, and return all test materials to the locked storage facility;
  - (3) establishes procedures to assure all students participating in the Annual Testing Program have an equal opportunity to demonstrate their knowledge on the test; and
  - (4) identifies and trains personnel, proctors, and backup personnel for test administrations.
- (j) Teachers may help students improve test-taking skills by:
  - (1) helping students become familiar with test formats using curricular content;
  - (2) teaching students test-taking strategies and providing practice sessions;
  - (3) helping students learn ways of preparing to take tests; and
  - (4) using resource materials such as test questions from test item banks and linking documents in instruction and test preparation.
- (k) With respect to test administration, PSUs shall:
  - (1) assure each school establishes procedures to ensure all test administrators comply with test publisher guidelines;
  - (2) inform the local board of education of any breach of this code of ethics; and
  - (3) inform test coordinators and principals of their responsibilities.

- (l) The school test coordinator shall:
  - (1) assure school personnel know the content of rules in this Section and local testing policies;
  - (2) implement the school system and local testing policies and procedures to assure all students participating in the Annual Testing Program have an equal opportunity to demonstrate their knowledge on the test;
  - (3) ensure proctors are trained; and
  - (4) ensure all violations of rules in this Section and local testing policies are reported to the school system (LEA) test coordinator.
- (m) Test administrators shall:
  - (1) administer tests according to the directions in the assessment guide and any subsequent updates developed by the test publisher;
  - (2) administer tests to all students enrolled in a grade or course that requires a test in the Annual Testing Program;
  - (3) report all violations of rules in this Section and local testing policies to the school test coordinator; and
- (n) Proctors shall serve as additional monitors to help the test administrator assure that students have an equal opportunity to demonstrate their knowledge on the test.
- (o) Scoring. The school system test coordinator shall:
  - (1) ensure each test is scored according to the procedures and guidelines defined for the test by the test publisher;
  - (2) maintain quality control during the entire scoring process, which consists of handling and editing documents, scanning answer documents, and producing electronic files and reports. Quality control shall address scoring accuracy and scoring consistency.
  - (3) maintain security of tests and data files at all times, including:
    - (A) protecting the confidentiality of students at all times when publicizing test results; and
    - (B) maintaining test security of answer keys and item-specific scoring rubrics.
- (p) Educators shall use test scores as one piece of information to be interpreted together with other scores and indicators when determining a student's grade. The PSU shall ensure that school personnel analyze and report test data within the limitations described in this Paragraph.
  - (1) Educators shall maintain the confidentiality of individual students. PSU personnel shall not publicize test scores or any written material containing personally identifiable information from the student's educational records except as permitted under the provisions of the Family Educational Rights and Privacy Act of 1974, 20 U.S.C. 1232g and regulations adopted pursuant thereto.
  - (2) Staff development relating to testing must enable school personnel to respond knowledgeably to questions related to testing, including the tests, scores, scoring procedures, and other interpretive materials.
- (q) Unethical testing practices include the following practices:
  - (1) encouraging students to be absent the day of testing;
  - (2) encouraging students not to do their best;
  - (3) using secure test items or modified secure test items for instruction;
  - (4) changing student responses at any time;
  - (5) interpreting, explaining, or paraphrasing the test directions or the test items;
  - (6) classifying students for the purpose of avoiding State testing;
  - (7) not testing all students enrolled in a grade or course that requires a test in the Annual Testing Program;
  - (8) failing to provide required accommodations during testing to students entitled to testing accommodations as defined in 16 NCAC 06G .0315;
  - (9) modifying scoring programs including answer keys, equating files, and lookup tables;

- (10) modifying student records for the purpose of raising test scores;
  - (11) using a single test score to place a student in a grade or a course; and
  - (12) providing inaccurate test results and interpretations to the public.
- (r) In the event of a violation of this Rule, the State Board of Education may impose any one or more of the following sanctions:
- (1) withhold any monetary incentive awards;
  - (2) file a civil action against the person or persons responsible for the violation for copyright infringement or for any other available cause of action;
  - (3) seek criminal prosecution of the person or persons responsible for the violation; and
  - (4) in accordance with the provisions of 16 NCAC 06C .0312, suspend or revoke the professional license of the person or persons responsible for the violation.

*History Note: Authority G.S. 115C-12(9); 115C-174.11; 115C-174.12; 115C-218.85(a)(3);  
Emergency Adoption Eff. August 20, 2019;  
Eff. August 23, 2022.*

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