

North Carolina End-of-Grade Tests Assessment Brief



Purpose of the Test

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 and mathematics tests are aligned to the North Carolina *Standard Course of Study* (NCSCS), and the science tests are aligned to the North Carolina *Essential Standards*.

Eligible Students

Reading and mathematics. All students in membership at grades 3–8 (according to PowerSchool), including students who have been retained at grades 3–8, are expected to participate with or without accommodations in the standard administration of the EOG tests in reading and mathematics.

Science. All students in membership at grades 5 and 8 (according to PowerSchool), including students who have been retained at grades 5 and 8, are expected to participate with or without accommodations in the standard administration of the EOG science tests.

The only exceptions are as follows:

- students with disabilities who, according to their IEP documentation, participate in the NCEXTEND1 alternate assessment in accordance with state policies; and
- in rare cases, students deemed medically fragile because of a significant medical emergency or condition and unable to participate in a specific test administration who are granted a medical exception. All medical exceptions must be approved by the Division of Accountability Services.

Testing Format

All EOG tests are available in both online and paper formats. However, online EOG test administrations are required for the following:

- EOG Reading (Grades 6–8)
- EOG Mathematics (Grades 4–8)
- EOG Science (Grades 5 and 8)

The only exceptions to this online testing requirement are for

- public school units granted an approved technology hardship request by the North Carolina Department of Public Instruction (NCDPI) Division of Accountability Services, and
- students who have documented accommodations that dictate a paper test format is necessary for accessibility.

Testing Window

The EOG tests must be administered during the last ten days of the school year.

Administration Time and Number of Test Questions

The time column in the chart below includes both the test administration time that the NCDPI estimates it will take for most students to complete the test, as well as the maximum amount of time allowed for each test (shown in parentheses.)

Schools must ensure that all students participating in the EOG tests are allowed ample opportunity to complete the tests. If students are engaged and working, and the maximum time allowed (i.e., three hours) has not been reached, students must be given time to complete the tests. The test administrator is expected to consult with the school test coordinator for the procedures to follow when providing additional time. Refer to the following chart for the estimated test administration times and number of questions.

Test Information		Number of Questions	Time (minutes)
Reading	Grades 3–5	48	120 (180 maximum)
	Grades 6–8	52	
	2 Three-Minute Breaks		6
	General Instructions		12
	Total		138
Mathematics	Grades 3 and 4	46	120 (180 maximum)
	Grade 5	48	
	Grades 6–8	53	
	2 Three-Minute Breaks		6
	General Instructions		12
	Total		138
Science	Grades 5 and 8	65	120 (180 maximum)
	2 Three-Minute Breaks		6
	General Instructions		12
	Total		138

Reading EOG Tests

- Students read authentic literary and informational selections based on the NCSCS and then answer questions related to the selections.
- Knowledge of vocabulary is assessed indirectly through application and understanding of terms within the context of the selection and questions.
- The reading tests consist of four-response-option multiple-choice questions.

Mathematics EOG Tests

- The mathematics tests include both a calculator inactive section (calculators are not permitted) and a calculator active section (calculators are permitted).

- The mathematics tests consist of four-response-option multiple-choice questions. In addition to multiple-choice questions
 - the grades 5–8 tests contain gridded response questions (paper test administrations);
 - the grades 4–8 tests contain numeric entry questions (online test administrations); and
 - the grades 4–5 and 7–8 tests contain technology enhanced questions (online test administrations).

Science EOG Tests

- The *Essential Standards* for Science at grades 5 and 8 include content from each of the three branches of science: Life, Earth, and Physical. The unifying concepts for Grades 5 and 8 include:
 - Forces and Motion
 - Matter: Properties and Change
 - Energy: Conservation and Transfer
 - Earth Systems, Structures, and Processes
 - Earth History
 - Structures and Functions of Living Organisms
 - Ecosystems
 - Evolution and Genetics; and Molecular Biology
- The science tests consist of four-response-option multiple-choice questions and technology-enhanced questions (online test administrations).

This publication and the information contained within must not be used for personal or financial gain. North Carolina school system/school officials, teachers, parents, and students may download and duplicate this publication for instructional and educational purposes only. Others may not duplicate this publication without prior written permission from the NCDPI Division of Accountability Services.