

End-of-Grade Mathematics Tests at Grades 3-5 Parent's Guide

Why do students take the EOG?

The Grade 3-5 End-of-Grade (EOG) Mathematics Tests measure students' proficiency on the [NC Standard Course of Study \(NCSCOS\) for Mathematics](#).

Some standards in the [NC Standards for Mathematics](#) will not be directly assessed in the tests. This is because either,

- (1) the standard cannot be appropriately assessed during a limited time test using multiple-choice and/or gridded-response items and/or technology-enhanced items or,
- (2) the standard is better assessed through another standard.

This table describes the items by domain, or area of learning, that will appear on the EOG Mathematics Tests.

Table. EOG Mathematics grades 3–5 domain weight distributions.

Domain	Grade 3	Grade 4	Grade 5
Operations and Algebraic Thinking	32–36%	14–18%	9–13%
Number and Operations in Base Ten	9–13%	25–29%	25–29%
Number and Operations – Fractions	28–32%	30–34%	39–43%
Measurement and Data, Geometry	23–27%	23–27%	19–23%
Total	100%	100%	100%

Third Grade

The grade 3 mathematics tests will include two sections:

1. calculator inactive, students may use a calculator and,
2. calculator active, student may not use a calculator.

Both sections will consist of four-response-option multiple-choice items and technology-enhanced items. All items will be worth one point each.

Fourth and Fifth Grade

The grades 4–5 mathematics tests will include two sections:

1. calculator inactive, students may use a calculator and,
2. calculator active, student may not use a calculator.

Both sections will consist of four-response-option multiple-choice, gridded response/numeric entry, and technology-enhanced item types. All items will be worth one point each.

This table provides the number of calculator inactive and calculator active test items for EOG Mathematics Tests.

Table. EOG Mathematics calculator inactive/active operational items

Grade	3	4	5
Calculator Inactive Items	20	20	20
Calculator Active Items	20	20	20
Total Operational Items	40	40	40

How long is the End of Grade Test?

The NCDPI estimates it will take 2 hours (120 minutes) for most students to complete the EOG Mathematics Tests. The maximum amount of time allowed is 3 hours (180 minutes) except for students with documented special needs requiring accommodation, such as *Scheduled Extended Time*.

When can the EOG be given?

The EOG Mathematics Tests must be administered during the last ten days of the instructional year (traditional yearlong schedule).

Can children who are learning English take the Math EOG in their Native Language?

The EOG Mathematics Tests are provided only in English. Native language translation versions are not available.

Online Testing

The EOG Mathematics Tests at grades 3–5 will be required to be administered in online administrations.

Online tests are provided through NCTest, the NCDPI’s online testing platform.

Schools will complete the Online Assessment Tutorial for the EOG at least once at school before test day. The tutorial provides students the opportunity to practice the mechanics of navigating through the testing platform, to become familiar with the tools, and to respond to the sample items.

What materials will students have when taking the test?

Students in grades 3–5 must be provided any four-function calculator with memory key.



All students must be provided [graph paper](#), scratch paper, and a writing utensil.