

Winter 2023-2024 Grade 3 Mathematics Growth Assessment

In the 2023-2024 school year, students in Virginia public schools will take growth assessments in Grades 3-8 Reading and Mathematics. Legislation passed in the 2021 Virginia General Assembly ([HB2027](#) and [SB1357](#)) requires these assessments be administered to students once in the fall and once in the winter (mid-year). In addition to the growth assessments, the Standards of Learning (SOL) tests for Grades 3-8 Reading and Mathematics will continue to be administered. Test items at, below, and above a student's grade level may be delivered online via the computer adaptive algorithm as appropriate for the student. **Please note that the winter 2023 computer adaptive test for Grade 3 Mathematics will begin with questions that assess [Grade 3 Mathematics SOL](#) that are primarily taught first semester*, and the overall test may include test questions that assess Grade 2, Grade 3, or Grade 4 Mathematics SOL.**

Test Blueprint Summary Table

Reporting Category	Grade 3 SOL Eligible to Appear in the Winter 2023 Growth Assessment*	Number of Items Winter 2023 Growth Assessment Computer Adaptive (CAT) Format**	Number of Items Winter 2023 Growth Assessment Paper Format
Number and Number Sense	3.1a-c 3.2a-c	10 (50% of the test)	6 (25% of the test)
Computation and Estimation	3.3a-b 3.4a-b,c-d 3.5		6 (25% of the test)
Measurement and Geometry	3.6a-c 3.7a-b 3.8a-b 3.9a-c 3.10 3.11 3.12a-c 3.13	5 (25% of the test)	7 (about 30% of the test)
Probability, Statistics, Patterns, Functions, and Algebra	3.14 3.15a-b 3.16 3.17	5 (25% of the test)	5 (about 20% of the test)
Total Number of Items on Test		20	24

All Grade 2 and Grade 3 Mathematics test questions on this assessment will include a “no calculator” picture and will be completed without the use of a calculator. Students who receive a grade 4 calculator-active item will have the online calculator included with that question. Please refer to the list of [Online Mathematics Tools](#) available on the Grades 3-8 Mathematics Growth Assessments for additional information.

*Bold font in the table indicates the SOL that are primarily taught first semester, based on commonalities among pacing charts collected in 2020 from several school divisions.

**The online CAT includes multiple-choice questions and technology-enhanced items (TEI). The number of TEI on the CAT can range from 10% to 30% as the test meets the blueprint requirements and adapts to the performance level of the individual student.

Technology-Enhanced Item Types

There are different types of technology-enhanced items (TEI). Some examples include:

- drag and drop,
- hot spot,
- bar graph, and
- fill-in-the-blank.

[Introduction to TestNav 8: Multiple-Choice/Technology-Enhanced Item Tests](#) provides a brief description of the different types of TEI, including what is needed for a TEI to be considered "answered."