Virginia

Standards of Learning Assessments

Test Blueprint

Grade 3 Reading

2017 English
Standards of Learning

This test blueprint will be effective with the administration of the spring 2024 Reading Standards of Learning (SOL) tests.

Grade 3 Reading
Test Blueprint Summary Table

Beginning in spring 2023, the computer adaptive Standards of Learning tests will include a section of additional passages/items at the end of the test. The computer algorithm may deliver passages/items one grade level above or one grade level below a student's current grade based upon the student's responses to the on-grade-level passages/items. The Test Scaled Score (0 to 600) and corresponding performance level (i.e., pass/proficient, pass/advanced, fail/basic, fail/below basic) are based upon a student's performance on the on-grade-level Operational Passages/Items only. The student's responses to the on-grade-level Operational Passages/Items *and* the Additional Passages/Items that may be on grade level or one grade level above or below the current grade level will be reflected in the student's Vertical Scaled Score.

Reporting Category	Grade 3 SOL	Number of Items Computer Adaptive Test (CAT) Format	Number of Items Paper Format
Demonstrate comprehension of fictional texts and use word analysis strategies*	3.3b 3.4a-d, f-g 3.5c-j, l	15	22
Demonstrate comprehension of nonfiction texts and use word analysis strategies*	3.3b 3.4a-d, f-g 3.6a, c-h	13	18
Number of Operational Passages/Items		28 4 passages	40 6 passages
Number of Field-Test Passages/Items**		5 1 passage	0
Number of Additional On- or Off-Grade-Level Passages/Items***		5 1 passage	0

A seal code will appear after the third passage and set of items in the computer adaptive test. A stop sign will appear after the third passage and set of items on the paper test.

Using word analysis strategies and word reference materials will be tested with both fictional and nonfictional texts.
**Field-test items will be administered to students for potential use on subsequent tests and will not be used to compute the final test score.
*** Legislation passed in the 2021 Virginia General Assembly (HB2027 and SB1357) requires these assessments have the ability to contain additional test items at, below, and above a student's grade level as appropriate for the student. All test items will be delivered online via the computer adaptive algorithm. Students who meet the criteria for a paper test will receive only on-grade-level items.

This test blueprint will be effective beginning with the spring 2024 test administration.

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Grade 3 Reading
Expanded Test Blueprint

Reporting Category: Demonstrate comprehension of fictional texts and use word analysis strategies
Number of Items: 15 (CAT)
Standards of Learning:
3.3 The student will apply word-analysis skills when reading.

    b) Decode regular multisyllabic words.

3.4 The student will expand vocabulary when reading.

    a) Use knowledge of homophones.
    b) Use knowledge of roots, affixes, synonyms, and antonyms to determine the meaning of new words.
    c) Apply meaning clues, language structure, and phonetic strategies to determine the meaning of new words.
    d) Use context to clarify meaning of unfamiliar words.
    f) Use vocabulary from other content areas.
    g) Use word-reference resources including the glossary, dictionary, and thesaurus.

3.5 The student will read and demonstrate comprehension of fictional texts, literary nonfiction, and poetry.

    c) Make, confirm, and revise predictions.
    d) Compare and contrast settings, characters, and plot events.
    e) Summarize plot events.
    f) Identify the narrator of a story.
    g) Ask and answer questions about what is read.
    h) Draw conclusions using the text for support.
    i) Identify the conflict and resolution.
    j) Identify the theme.
    l) Differentiate between fiction and nonfiction.

Reporting Category: Demonstrate comprehension of nonfiction texts and use word analysis strategies
Number of Items: 13 (CAT)
Standards of Learning:
3.3 The student will apply word-analysis skills when reading.

    b) Decode regular multisyllabic words.

3.4 The student will expand vocabulary when reading.

    a) Use knowledge of homophones.
    b) Use knowledge of roots, affixes, synonyms, and antonyms to determine the meaning of new words.

This test blueprint will be effective beginning with the spring 2024 test administration.

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c) Apply meaning clues, language structure, and phonetic strategies to determine the meaning of new words.
d) Use context to clarify meaning of unfamiliar words.
f) Use vocabulary from other content areas.
g) Use word-reference resources including the glossary, dictionary, and thesaurus.

3.6 The student will read and demonstrate comprehension of nonfiction texts.
a) Identify the author's purpose.
c) Preview and use text features including table of contents, headings, pictures, captions, maps, indices, and charts.
d) Ask and answer questions about what is read using the text for support.
e) Draw conclusions using the text for support.
f) Summarize information found in nonfiction texts.
g) Identify the main idea.
h) Identify supporting details.

This test blueprint will be effective beginning with the spring 2024 test administration.

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Virginia

Standards of Learning Assessments

Test Blueprint
Grade 3 Mathematics
2016 Mathematics
Standards of Learning

This test blueprint will be effective with the administration of the spring 2024 Mathematics Standards of Learning (SOL) tests.

Grade 3 Mathematics
Test Blueprint Summary Table

Beginning in spring 2023, the computer adaptive Standards of Learning tests will include a section of additional items at the end of the test. The computer algorithm may deliver items one grade level above or one grade level below a student's current grade based upon the student's responses to the on-grade-level items. The Test Scaled Score (0 to 600) and corresponding performance level (i.e., pass/proficient, pass/advanced, fail/basic, fail/below basic) are based upon a student's performance on the on-grade-level Operational Items only. The student's responses to the on-grade-level Operational Items *and* the Additional Items that may be on grade level or one grade level above or below the current grade level will be reflected in the student's Vertical Scaled Score.

Reporting Category	Grade 3 SOL	Number of Items Computer Adaptive Test (CAT) Format	Number of Items Paper Format
Number and Number Sense	3.1a-c 3.2a-c	7	10
Computation and Estimation	3.3a-b 3.4a-d 3.5	7	10
Measurement and Geometry	3.6a-c 3.7a-b 3.8a-b 3.9a-c 3.10 3.11 3.12a-c 3.13	8	11
Probability, Statistics, Patterns, Functions, and Algebra	3.14 3.15a-b 3.16 3.17	6	9
Number of Operational Items		28	40
Number of Field-Test Items*		4	0
Number of Additional On- or Off-Grade-Level Items**		6	0

A seal code will appear approximately halfway through the operational and field-test items on a computer adaptive test. The exact placement of the seal code may vary by 2-3 items on the computer adaptive test. A stop sign will appear after question 20 on a paper test.

Items measuring Grade 3 SOL and Grade 2 SOL will be completed without the use of a calculator. Grade 4 SOL calculator-active items will have the online calculator included on the toolbar with the item. For additional information, please refer to the list of Online Mathematics Tools available on the Grades 3-8 Mathematics Growth Assessments.

*Field-test items are being tried out with students for potential use on subsequent tests and will not be used to compute the final test score.
** Legislation passed in the 2021 Virginia General Assembly (HB2027 and SB1357) requires these assessments have the ability to contain additional test items at, below, and above a student's grade level as appropriate for the student. All test items will be delivered online via the computer adaptive algorithm. Students who meet the criteria for a paper test will receive only on-grade-level items.

This revised test blueprint will be effective beginning with the spring 2024 test administration.

Grade 3 Mathematics
Expanded Test Blueprint

Reporting Category: Number and Number Sense
Number of Items: 7 (CAT) 10 (Traditional)
Standards of Learning:

3.1 The student will
   a) read, write, and identify the place and value of each digit in a six-digit whole number, with and without models;
   b) round whole numbers, 9,999 or less, to the nearest ten, hundred, and thousand; and
   c) compare and order whole numbers, each 9,999 or less.

3.2 The student will
   a) name and write fractions and mixed numbers represented by a model;
   b) represent fractions and mixed numbers, with models and symbols; and
   c) compare fractions having like and unlike denominators, using words and symbols ($>$, $<$, $=$, or $\neq$), with models.

Reporting Category: Computation and Estimation
Number of Items: 7 (CAT) 10 (Traditional)
Standards of Learning:

3.3 The student will
   a) estimate and determine the sum or difference of two whole numbers; and
   b) create and solve single-step and multistep practical problems involving sums or differences of two whole numbers, each 9,999 or less.

3.4 The student will
   a) represent multiplication and division through 10×10, using a variety of approaches and models;
   b) create and solve single-step practical problems that involve multiplication and division through 10×10;
   c) demonstrate fluency with multiplication facts of 0, 1, 2, 5, and 10; and
   d) solve single-step practical problems involving multiplication of whole numbers, where one factor is 99 or less and the second factor is 5 or less.

3.5 The student will solve practical problems that involve addition and subtraction with proper fractions having like denominators of 12 or less.

This revised test blueprint will be effective beginning with the spring 2024 test administration.

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Reporting Category: Measurement and Geometry
Number of Items: 8 (CAT) 11 (Traditional)
Standards of Learning:

3.6   The student will
           a) determine the value of a collection of bills and coins whose total value is $5.00 or
               less;
           b) compare the value of two sets of coins or two sets of coins and bills; and
           c) make change from $5.00 or less.

3.7   The student will estimate and use U.S. Customary and metric units to measure
           a) length to the nearest $\frac{1}{2}$ inch, inch, foot, yard, centimeter, and meter; and
           b) liquid volume in cups, pints, quarts, gallons, and liters.

3.8   The student will estimate and
           a) measure the distance around a polygon in order to determine its perimeter using
               U.S. Customary and metric units; and
           b) count the number of square units needed to cover a given surface in order to
               determine its area.

3.9   The student will
           a) tell time to the nearest minute, using analog and digital clocks;
           b) solve practical problems related to elapsed time in one-hour increments within a
               12-hour period; and
           c) identify equivalent periods of time and solve practical problems related to
               equivalent periods of time.

3.10   The student will read temperature to the nearest degree.

3.11   The student will identify and draw representations of points, lines, line segments,
           rays, and angles.

3.12   The student will
           a) define polygon;
           b) identify and name polygons with 10 or fewer sides; and
           c) combine and subdivide polygons with three or four sides and name the resulting
               polygon(s).

3.13   The student will identify and describe congruent and noncongruent figures.

This revised test blueprint will be effective beginning with the spring 2024 test administration.

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Reporting Category: Probability, Statistics, Patterns, Functions, and Algebra
Number of Items: 6 (CAT) 9 (Traditional)
Standards of Learning:

3.14   The student will investigate and describe the concept of probability as a measurement of chance and list possible outcomes for a single event.

3.15   The student will
   a) collect, organize, and represent data in pictographs or bar graphs; and
   b) read and interpret data represented in pictographs and bar graphs.

3.16   The student will identify, describe, create, and extend patterns found in objects, pictures, numbers, and tables.

3.17   The student will create equations to represent equivalent mathematical relationships.

This revised test blueprint will be effective beginning with the spring 2024 test administration.

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