

West Virginia General Summative Assessment is an online test used to measure students' level of achievement of the West Virginia's Content Standards and Objectives (CSOs) in the areas of English language arts and mathematics for grades 3 through 11 and science in grades 4, 6 and 10.

English Language Arts/Literacy (ELA/Literacy) Test

The ELA Test is comprised of a Computer Adaptive Test (CAT) and a Performance Task (PT) which measure the overall performance of students in reading, writing, listening and speaking, and research/inquiry. The ELA CAT uses multiple-choice, short-answer and technology-enabled questions to assess students' performance. On the CAT portion of the test, students' responses to questions determine subsequent question selection. Students complete a PT to apply their knowledge and skills to respond to complex real-world problems. Students' scores on the CAT and PT are combined to determine students' proficiency in ELA.

Mathematics Test

The Mathematics Test is comprised of a CAT and a PT which measure students' proficiency in numbers and operations (both in base ten and fractions), operations and algebraic thinking, geometry, and measurement and data in grades 3-5; ratios and proportional relationships, the number system, expressions and equations, functions, geometry, and statistics and probability in grades 6-8; number and quantity, algebra, functions, geometry, and statistics and probability in high school. The mathematics CAT uses a variety of question types, including multiple-choice, fill-in-the-table, matching, graphing, writing equations, and other technology-enabled questions to assess students' performance. On the CAT portion of the test, students' responses to questions determine subsequent question selection. Students complete a PT to apply content knowledge in solving real-world problems, as well as, to demonstrate their ability to problem solve, communicate reasoning, model mathematical concepts, and analyze data. Students' scores on both the CAT and PT are combined to determine students' proficiency in mathematics.

Science Test

The Science Test is a fixed-form test which measures students' proficiency in conceptual understanding, scientific investigation, critical thinking and problem solving. The standards of nature of science, content of science and application of science are assessed in grades 4 and 6. The biology content standards of nature and application of science and content of science are assessed in grade 10. On a fixed-form test, all students receive the same multiple-choice and numeric-response questions.