

OHIO'S STATE TESTS
Spring 2022 Administration
Raw Score Subscale Ranges

	Below Standard	At/Near Standard	Above Standard
High School English Language Arts I			
Reading for Information	0-8	9-14	15-26
Reading for Literature	0-5	6-8	9-16
Writing	0-6	7-9	10-20
Grade 3 Mathematics			
Multiplication and Division	0-5	6-9	10-14
Numbers and Operations	0-4	5-7	8-11
Geometry	0-3	4-6	7-12
Fractions	0-4	5-7	8-12
Modeling and Reasoning	0-12	13-17	18-33
Grade 4 Mathematics			
Multiplication and Division	0-5	6-9	10-19
Fractions	0-5	6-9	10-20
Geometry	0-3	4-6	7-12
Modeling and Reasoning	0-9	10-15	16-34
Grade 5 Mathematics			
Fractions	0-3	4-7	8-18
Decimals	0-6	7-10	11-19
Geometry	0-3	4-7	8-12
Modeling and Reasoning	0-6	7-11	12-29
Grade 6 Mathematics			
Ratios and Proportions	0-6	7-9	10-14
Expressions and Equations	0-6	7-10	11-17
Geometry and Statistics	0-2	3-4	5-11
The Number System	0-3	4-6	7-12
Modeling and Reasoning	0-5	6-9	10-22
Grade 7 Mathematics			
Ratios and Proportions	0-5	6-9	10-14
The Number System	0-3	4-7	8-15
Geometry	0-2	3-4	5-11
Statistics and Probability	0-3	4-6	7-12
Modeling and Reasoning	0-8	9-13	14-29

Grade 8 Mathematics

Expressions and Equations	0-3	4-6	7-12
Functions	0-4	5-7	8-13
Geometry	0-5	6-9	10-16
The Number System	0-2	3-5	6-11
Modeling and Reasoning	0-7	8-12	13-27

Algebra

Functions	0-5	6-10	11-25
Number Quantities, Equations, and Expressions	0-5	6-9	10-19
Statistics	0-2	3-5	6-10
Modeling and Reasoning	0-6	7-11	12-25

Geometry

Circles	0-1	2-4	5-12
Congruence and Proof	0-5	6-9	10-19
Probability	0-1	2-4	5-10
Similarity and Trigonometry	0-3	4-7	8-13
Modeling and Reasoning	0-5	6-9	10-30

Integrated Mathematics I

Geometry	0-2	3-6	7-13
Statistics	0-3	4-6	7-10
Algebra	0-3	4-6	7-13
Number and Quantity Functions	0-4	5-8	9-19
Modeling and Reasoning	0-6	7-11	12-24

Integrated Mathematics II

Functions	0-2	3-5	6-11
Geometry	0-6	7-10	11-21
Number Quantities, Equations, and Expressions	0-4	5-8	9-14
Probability	0-1	2-4	5-10
Modeling and Reasoning	0-7	8-11	12-27

American Government

Founding Documents	0-4	5-8	9-17
Principles and Structure	0-5	6-10	11-23
Ohio, Policy, and Economy	0-3	4-7	8-13

American History

Skills and Documents	0-2	3-5	6-12
1877 – 1945	0-7	8-12	13-23
1945 – Present	0-5	6-9	10-18

Grade 5 Science

Earth Science	0-6	7-10	11-15
Life Science	0-9	10-13	14-21
Physical Science	0-5	6-9	10-20

Grade 8 Science

Earth Science	0-7	8-11	12-22
Life Science	0-4	5-8	9-17
Physical Science	0-4	5-7	8-17

Biology

Heredity	0-3	4-7	8-14
Evolution	0-3	4-6	7-13
Diversity and Interdependence of Life	0-3	4-6	7-15
Cells	0-3	4-6	7-13

Note: Ranges are for the online forms of the tests. There may be slight differences between online and paper tests in the same subject.

Note: Modeling and Reasoning items are embedded within the other mathematics reporting categories.

Note: The Spring 2022 administration was an operational field test for all English Language Arts tests except for High School ELA I. It was not possible to report subscale ranges because all students did not encounter the same items.