

OHIO'S STATE TESTS
Spring 2017 Administration
Raw Score Subscale Ranges

	Below Standard	At/Near Standard	Above Standard
Grade 3 Mathematics			
Multiplication and Division	0-5	6-9	10-14
Numbers and Operations	0-5	6-9	10-13
Geometry	0-3	4-6	7-11
Fractions	0-1	2-4	5-11
Modeling and Reasoning	0-8	9-13	14-30
Grade 4 Mathematics			
Multiplication and Division	0-4	5-8	9-18
Fractions	0-6	7-10	11-20
Geometry	0-2	3-5	6-11
Modeling and Reasoning	0-7	8-12	13-27
Grade 5 Mathematics			
Fractions	0-3	4-7	8-18
Decimals	0-7	8-11	12-18
Geometry	0-2	3-4	5-13
Modeling and Reasoning	0-4	5-9	10-28
Grade 6 Mathematics			
Ratios and Proportions	0-4	5-7	8-13
Expressions and Equations	0-4	5-8	9-17
Geometry and Statistics	0-4	5-7	8-11
The Number System	0-5	6-8	9-11
Modeling and Reasoning	0-8	9-12	13-24
Grade 7 Mathematics			
Ratios and Proportions	0-4	5-7	8-14
The Number System	0-5	6-8	9-15
Geometry	0-3	4-6	7-11
Statistics and Probability	0-3	4-7	8-12
Modeling and Reasoning	0-5	6-8	9-18

	Below Standard	At/Near Standard	Above Standard
Grade 8 Mathematics			
Expressions and Equations	0-5	6-8	9-14
Functions	0-6	7-9	10-13
Geometry	0-6	7-10	11-15
The Number System	0-1	2-3	4-11
Modeling and Reasoning	0-9	10-13	14-31
Algebra			
Functions	0-5	6-10	11-24
Number Quantities, Equations, and Expressions	0-5	6-9	10-19
Statistics	0-2	3-5	6-11
Modeling and Reasoning	0-7	8-12	13-29
Geometry			
Circles	0-1	2-3	4-10
Congruence and Proof	0-4	5-7	8-19
Probability	0-2	3-5	6-10
Similarity and Trigonometry	0-3	4-7	8-15
Modeling and Reasoning	0-7	8-11	12-32
Integrated Mathematics I			
Geometry	0-2	3-4	5-11
Statistics	0-3	4-6	7-11
Algebra	0-4	5-7	8-12
Number and Quantity Functions	0-5	6-10	11-21
Modeling and Reasoning	0-8	9-13	14-31
Integrated Mathematics II			
Functions	0-2	3-5	6-11
Geometry	0-5	6-8	9-20
Number Quantities, Equations, and Expressions	0-3	4-6	7-15
Probability	0-2	3-5	6-10
Modeling and Reasoning	0-6	7-10	11-25
Grade 4 Social Studies			
History	0-5	6-9	10-21
Government	0-5	6-10	11-21
Economics and Geography	0-8	9-12	13-21

	Below Standard	At/Near Standard	Above Standard
Grade 6 Social Studies			
History and Government	0-8	9-12	13-18
Economics	0-8	9-13	14-21
Geography	0-10	11-15	16-24
American Government			
Historic Documents	0-6	7-10	11-23
Principles and Structure	0-6	7-11	12-25
Ohio, Policy, and Economy	0-4	5-7	8-15
American History			
Skills and Documents	0-3	4-7	8-17
1877 – 1945	0-7	8-12	13-25
1945 – Present	0-6	7-10	11-21
Grade 5 Science			
Earth Science	0-6	7-10	11-17
Life Science	0-6	7-10	11-19
Physical Science	0-6	7-10	11-19
Grade 8 Science			
Earth Science	0-5	6-9	10-21
Life Science	0-3	4-7	8-17
Physical Science	0-4	5-8	9-16
Biology			
Heredity	0-2	3-5	6-14
Evolution	0-2	3-5	6-15
Diversity and Interdependence	0-4	5-8	9-14
Cells	0-2	3-6	7-13
Physical Science			
Study of Matter	0-2	3-6	7-17
Energy and Waves	0-1	2-5	6-15
Forces and Motion	0-3	4-6	7-15
The Universe	0-2	3-5	6-9

Note: Ranges are not provided for the English Language Arts tests. Multiple forms of each test were administered in Spring 2017, and raw score ranges varied slightly across different forms of the same test.

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 standards.