

Ohio's State Tests

Subscore Definitions

This document will help educators understand the test result data files for Ohio's State Tests. These files, which districts can access in the AIR online reporting system, display students' performance in three to five subscores. This chart connects each subscore to the area of Ohio's Learning Standards tested.

Subject	Subscore 1	Subscore 2	Subscore 3	Subscore 4	Subscore 5
English Language Arts*	Reading – Informational Text	Reading – Literary Text	Writing		
Mathematics Grade 3	Multiplication and Division	Numbers and Operations	Geometry	Fractions	Modeling and Reasoning
Mathematics Grade 4	Multiplication and Division	Fractions	Geometry	Modeling and Reasoning	
Mathematics Grade 5	Fractions	Decimals	Geometry	Modeling and Reasoning	
Mathematics Grade 6	Ratios and Proportions	Expressions and Equations	Geometry and Statistics	The Number System	Modeling and Reasoning
Mathematics Grade 7	Ratios and Proportions	The Number System	Geometry	Statistics and Probability	Modeling and Reasoning
Mathematics Grade 8	Expressions and Equations	Functions	Geometry	The Number System	Modeling and Reasoning
Algebra I	Functions	Number, Quantities, Equations and Expressions	Statistics	Modeling and Reasoning	
Geometry	Circles	Congruence and Proof	Probability	Similarity and Trigonometry	Modeling and Reasoning
Integrated Mathematics I	Geometry	Statistics	Algebra	Number and Quantity Functions	Modeling and Reasoning
Integrated Mathematics II	Functions	Geometry	Number, Quantities, Equations and Expressions	Probability	Modeling and Reasoning

Note: Subscore categories are the same for all English language arts tests.

Subject	Subscore 1	Subscore 2	Subscore 3	Subscore 4	Subscore 5
Social Studies Grade 4	History	Government	Geography and Economics		
Social Studies Grade 6	History and Government	Economics	Geography		
American History	Skills and Documents	1877 – 1945	1945 – Present		
American Government	Historic Documents	Principles and Structure	Ohio, Policy and Economy		
Science Grade 5	Earth Science	Life Science	Physical Science		
Science Grade 8	Earth Science	Life Science	Physical Science		
Physical Science	Matter	Energy and Waves	Forces and Motion	The Universe	
Biology	Heredity	Evolution	Diversity of Life	Cells	