

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

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

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