



TAKS Longitudinal Report ARPHS

Subject: Mathematics Grade: 11 Language: English Administration: 2004 - 2006

Objective	Grade 11	Grade 11	Grade 11
	2004	2005	2006
Objective 1 - Describe functional relationships in a variety of ways.	48%	40%	57%
Objective 2 - Demonstrate an understanding of the properties and attributes of functions.	38%	45%	51%
Objective 3 - Demonstrate an understanding of linear functions.	48%	43%	45%
Objective 4 - Formulate and use linear equations and inequalities.	50%	45%	57%
Objective 5 - Demonstrate an understanding of quadratic and other nonlinear functions.	50%	43%	41%
Objective 6 - Demonstrate an understanding of geometric relationships and spatial reasoning.	24%	43%	39%
Objective 7 - Demonstrate an understanding of two- and three-dimensional representations of geometric relationships and shapes.	53%	54%	64%
Objective 8 - Demonstrate an understanding of the concepts and uses of measurement and similarity.	36%	36%	33%
Objective 9 - Demonstrate an understanding of percents, proportional relationships, probability, and statistics in application problems.	19%	36%	32%
Objective 10 - Demonstrate an understanding of the mathematical processes and tools used in problem solving.	22%	25%	23%
Testing Standard	2 SEM	1 SEM	Panel
Students Tested	58	67	69
% Met Standard	78%	66%	71%
Average Scale Score	2140	2150	2164

