



TAKS Longitudinal Report ARPS

Subject: Mathematics Grade: 09 Language: English Administration: 2004 - 2006

Objective	Grade 09	Grade 09	Grade 09
	2004	2005	2006
Objective 1 - Describe functional relationships in a variety of ways.	19%	40%	31%
Objective 2 - Demonstrate an understanding of the properties and attributes of functions.	30%	37%	35%
Objective 3 - Demonstrate an understanding of linear functions.	25%	27%	37%
Objective 4 - Formulate and use linear equations and inequalities.	32%	41%	32%
Objective 5 - Demonstrate an understanding of quadratic and other nonlinear functions.	38%	45%	32%
Objective 6 - Demonstrate an understanding of geometric relationships and spatial reasoning.	64%	45%	48%
Objective 7 - Demonstrate an understanding of two- and three-dimensional representations of geometric relationships and shapes.	38%	44%	62%
Objective 8 - Demonstrate an understanding of the concepts and uses of measurement and similarity.	10%	21%	17%
Objective 9 - Demonstrate an understanding of percents, proportional relationships, probability, and statistics in application problems.	36%	39%	29%
Objective 10 - Demonstrate an understanding of the mathematical processes and tools used in problem solving.	26%	32%	17%
Testing Standard	1 SEM	Panel	Panel
Students Tested	69	75	65
% Met Standard	52%	39%	42%
Average Scale Score	2054	2100	2072

