Proposed Grade 8 Middle School Advanced Mathematics TEKS Crosswalk

Advanced Mathematics TEKS #s	Proposed Grade 8, Middle School Advanced Mathematics	Corresponding Grade 6,7,8, Alg I TEKS #s	Grade 6, 7, 8, Alg 1 Mathematics TEKS, Adopted 2012	Notes
Coding Key	New language is formatted in green font and underlined.			
	~~Removed language~~ is formatted in red font and struck through.			
	[~~Subsumed language~~] is formatted in black italics with brackets and struck through.			
	All editing marks indicate adjustments made in reorganization of TEKS for Middle School Advanced Mathematics TEKS. Grades 6, 7, 8 and Algebra I TEKS remain unchanged.			
8AM.4	Linear functions, equations, and inequalities. The student applies the mathematical process standards to formulate statistical relationships a evaluate their reasonableness based on real-world data. The student expected to:	AlgI.4		These KSs are identical.
8AM.4.A	construct a scatterplot and describe the observed data to address que of association such as linear, non-linear, and no association between bivariate data;	8.11.A		These SEs are identical.
8AM.4.B	contrast bivariate sets of data that suggest a linear relationship with bi sets of data that do not suggest a linear relationship from a graphical representation;	8.5.C		These SEs are identical.
8AM.4.C	use a trend line that approximates the linear relationship between biva sets of data to make predictions;	8.5.D		These SEs are identical.
8AM.4.D	calculate, using technology, the correlation coefficient between two quantitative variables and interpret this quantity as a measure of the s of the linear association;	AlgI.4.A		These SEs are identical.
8AM.4.E	compare and contrast association and causation in real-world problems; and	AlgI.4.B		These SEs are identical.
8AM.4.F	write, with and without technology, linear functions that provide a reasonable fit to data to estimate solutions and make predictions for re	AlgI.4.C		These SEs are identical.
8AM.5	Linear functions, equations, and inequalities. The student applies the mathematical process standards to solve, with and without technology linear equations and evaluate the reasonableness of their solutions. T student is expected to:	AlgI.5		These KSs are identical.