Correlations to McDougal Littell, Algebra 2

Correlated Lesson	Exploring Algebra 1 with The Geometer's Sketchpad		
	Unit	Activity	Description
1.1	1	Exploring Properties of Operations	Verify or disprove various properties, some common and some obscure.
2.3	6	The Slope-Intercept Form of a Line	Plot points determined by $y = mx + b$ and construct the resulting line and families of lines. This activity is also available in the **Supplemental Activities** folder using the form $y = a + bx$.
2.3	6	The Standard Form of a Line	Explore the effects of a, b, and c on the graph of a line expressed in the form $ax + by = c$.
2.5	6	Lines of Fit	Approximate a line of best fit to a number of data points, and use the line to make an estimate.
5.1	7	Modeling with Quadratic Equations: Where Are the Giant Ants?	Explore issues of scale to better understand quadratic and linear relationships.
5.2	7	Factoring Trinomials	Factor trinomials using algebra tiles and investigate the role of the coefficients.
9.1	6	Inverse Variation	Plot (x, y) points representing an inverse relationship, and then plot a family of curves.