

Unit	Topics	Standards (Accelerated Math 1 – MA1)	Test Dates	# Days
1	Function Families (Algebra 1 & 2)	A1 – Students will explore characteristics of functions using graphs, tables, and simple algebraic techniques. G2 – Students will understand and use the language of mathematical argument and justification.	Wed 8/27/2008	13
2	Polygons in the Plane (Geometry)	G1 – Students will investigate the properties of geometric figures in the coordinate plane. G3 – Students will discover, prove, and apply properties of triangles, quadrilaterals, and other polygons.	Thu 9/18/2008	15
3	Circles and Spheres (Geometry)	G4 – Students will understand the properties of circles. G5 – Students will find and compare the measures of spheres.	Thu 10/9/2008	15
4	Chance of Winning (Statistics)	D1 – Students will determine the number of outcomes related to a given event. D2 – Students will use the basic laws of probability. D3 – Students will relate samples to a population. D4 – Students will explore variability of data by determining the mean absolute deviation.	Tue 10/28/2008	13
5	Topics from Algebra 2 (Algebra 2)	N1 – Students will represent and operate with complex numbers. A2 – Students will simplify and operate with radical expressions, polynomials, and rational expressions. A3 – Students will analyze quadratic functions in the forms: $f(x) = ax^2 + bx + c$ and $f(x) = a(x - h)^2 + k$. A4 – Students will solve quadratic equations and inequalities in one variable.	Wed 11/19/2008	15
6	Putting Pieces Together (Pre-calculus & Statistics)	A5 – Students will investigate step and piecewise functions, including greatest integer and absolute value functions. D5 – Students will determine an algebraic model to quantify the association between two quantitative variables.	Fri 12/12/2008	10
End of Course Test			Mon, Tue 12/8,9/2008	2
Review and Final Exam			Thu, Fri 12/18,19/2008	2

