

Key:
 1= Complete Linkage
 2- Partial Linkage
 Blank= No Linkage

**Benchmark – Course Correlation
 8th Grade Mathematics**

	Basic	Pre-Alg	Alg
8.1.a Write open number phrases and sentences.	1	1	1
8.1.b Write one variable equations for story problems with one or more unknowns (age, integer, coin, mixture problems.)		1	1
8.1.c Solve transformations.	1	1	1
8.2.d Calculate perimeter and area of irregular polygons.	1	1	2
8.2.e Convert within metric units and standard units.		1	2
8.3.f Use the divisibility rules of 2, 3, 4, 5, 6, 9, 10.	1	1	2
8.3.g Apply distributive property.	1	1	1
8.3.h Estimate (multiple choice).	1	1	2
8.4.i Simplify order of operations problems with integers.	1	1	1
8.4.j Solve problems with rational number.		1	1
8.4.k Solve word problems using percents.	1	1	1
8.5.l Identify and compute the angle relationships of parallel lines.		1	
8.5.m Determine angle measurement using complementary, supplementary, and vertical angles.	1	1	
8.6.n Analyze histograms and scatter plots.		1	
8.6.o Find the measure of central tendency using a stem and-leaf plot.		1	
8.7.p Select and use a formula to find volume and surface area.		1	2
8.7.q Solve function problems.		1	1
8.7.r Express numbers in scientific notation and standard form.		1	2
8.7.s Determine square roots.		1	1