

**Freshman Algebra
Curriculum Map
2006-2007 School Year**

Month	Content	Skills	Assessment	Essential Questions	Standards
AUG.	-Algebraic Expressions -Powers -Order of Operations	-Evaluate expressions for given values of variable -Write expressions in exponential form. -Simplify expressions using the standard order of operations	-Discussions -Worksheets and assignments covering the selected skills. -Test covering the selected skills	What is the importance of the order of operations? What does it mean to simplify an expression? Why would being able to simplify an expression be important?	-6.A.4 -6.B.5
SEPT.	-Introduction to Functions -Properties of Real Numbers	-Determine if a relation is a function -Write functions as equations, graphs, input-output tables, as a description in words -Add, subtract, multiply, and divide real numbers -Write real numbers in increasing and decreasing order -Find the opposite and the absolute value of real numbers -Adding and subtracting matrices -Use the distributive property to simplify algebraic expressions	-Discussions -Worksheets and assignments covering the selected skills. -Test covering the selected skills	How could negative numbers be used in real life? What is a function? How could input-output table be used in real life? What is a matrix? How could a matrix be used in real life?	-6.A.4 -8.B.4a -8.A.4b -8.B.4b -8.C.4b