

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

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