

## Math III

Teacher: Master Map

Month	Content and Essential Questions	Skills/Standards	Assessment/Standards	Resources
September 2003	<ul style="list-style-type: none"> <li>•Sets and Properties of Real Numbers</li> <li>•Solving Linear &amp; Absolute Value Equations</li> <li>•Solving Linear &amp; Absolute Value Inequalities</li> <li>•Determination &amp; Notation of Functions</li> <li>•Writing &amp; Graphing Linear Equations</li> <li>•Writing &amp; Graphing Inequalities</li> <li>•Writing &amp; Graphing Special Functions</li> </ul>	<ul style="list-style-type: none"> <li>•Use the properties of real numbers &amp; the order of operations to evaluate expressions</li> </ul> <p>-----</p> <p><b>Standard / Assessments :</b>  <b>NY Learning Standards</b>  <b>Subject Area : Math, Science and Technology</b>  <b>Items Addressed :</b></p> <ul style="list-style-type: none"> <li>•{3.B.2.c } apply the properties of the real numbers to various subsets of numbers.</li> <li>•{3.C.3.a } use addition, subtraction, multiplication, division, and exponentiation with real numbers and algebraic expressions.</li> </ul> <p>-----</p> <ul style="list-style-type: none"> <li>•Translate verbal expressions into algebraic expressions and equations, and vice versa</li> </ul> <p>-----</p> <p><b>Standard / Assessments :</b>  <b>NY Learning Standards</b>  <b>Subject Area : Math, Science and Technology</b>  <b>Items Addressed :</b></p> <ul style="list-style-type: none"> <li>•{3.D.4.a } represent problem situations symbolically by using algebraic expressions, sequences, tree diagrams, geometric figures, and graphs.</li> <li>•{3.G.7.e } apply linear, exponential, and quadratic functions in the solution of problems.</li> </ul> <p>-----</p> <p>-----</p> <p><b>Standard / Assessments :</b></p>	<ul style="list-style-type: none"> <li>•Homework</li> <li>•In-class practice exercises</li> <li>•Tests &amp; Quizzes</li> </ul>	<ul style="list-style-type: none"> <li>•Algebra 2 (Glencoe Mathematics)</li> <li>- Teacher Class room resources</li> <li>•Teacher generated worksheets</li> <li>- Various reference textbooks and regents exams</li> <li>•TI-83 Plus Graphing Calculator</li> </ul>