Name(s): Amy Armato
Dates: April 6 & 7, 2009
Course: CP Calcuus
Department: Mathematics
Unit: 2 Day Curricular Project
Grade Level: 11th & 12th
Period/Time: Periods 3, 9-10
Unit Topic: Immigration
Essential Question: What is the relationship between the narurally exponential population growth of the United States citizens and our country's population as influenced by immigration?

	4/6/09	4/7/09
Objectives	To investigate the use of graphing calculators in finding mathematical models to represent a given set of statisical data.	To present the results of the investigation and generated mathematical models. Discuss any conclusions that can be drawn and answer the essential question.
Activities/ Procedures	Students will choose a country of birth of the Foreign-Born Population, 1850 - 2000. Using a graphing calculator, the students will find a regression equation and statisical data plot to represent the given data.	The groups will present their models to the class. Upon completion, the class will discuss the results and draw conclusions.
Instructional Strategy	Student will be given examples of statisical data and models generated with the graphing calulator. In groups of 3, the students will then investigate the foreign born population and generate models.	Students may use any visual means to present their findings.
Technology	Graphing calculators.	Graphing calculators, the elmo, computer, etc.
Materials	Worksheets, statisical data,	Student generated.
Homework	Use the model generated to estimate the population in future years.	
Assessment	Students wil save their models and present the results.	Grades will be given according to a rubric.
NJCCS or Curriculum	4.4, 4.5	4.4, 4.5