

Name(s): Brenna Baker/Kris Demark

Course: Sea & Shore Ecology

Unit: Ecology

Period/Time: 3,7/8,9/10,11,12

Unit Topic: Immigration

Essential Question: How has immigration influenced our knowledge and understanding of science, technology, and artesian crafts in the United States and how will it affect our future?

Dates: April 6 & 7, 2009

Department: Science

Grade Level: 11th-12th

	4/6/09	4/7/09
Objectives	Sw identify several marine species that have been relocated by human intervention and the reasons for that intervention; identify how the relocated species and other species have been affected by the relocation	Sw outline arguments for and against the wisdom of such human manipulation of other species.
Activities/ Procedures	Have students work in small groups to search National Geographic News and the Internet for more information about the relocation of animal species.	Ask students to take notes on different invasive species, including the ways in which the species moved from one habitat to another, the effects that move is having on the new environment, and any impact on the species itself.
Instructional Strategy	Divide students into two groups, and have them debate the wisdom of relocating species.	They can debate informally in a group setting, or they can set up a formal debate, with two students participating in the actual arguments and the others providing research and support for them.
Technology	Laptop cart	Laptop cart
Materials	Handouts to include websites and instructions; rubric for reference	Handouts to include websites and instructions; rubric for reference
Homework	Completion of research.	None.
Assessment	Group debate preparation.	Individual participation in debate.
NJCCS or Curriculum Standards	5.10A.1; B1-2	5.10A.1; B1-2